

99- F- 1191

Petition

Part 2 of 2

EXHIBITS

November 20, 2000

Mr. Steven Riva
EPA Region II
290 Broadway
New York, New York 10007-1866

**Re: *Astoria Generating Station Repowering
Request for Pre-construction Monitoring Waiver
ESS Project No. 0179-003.2***

Dear Mr. Riva:

Astoria Generating Company, L.P. is proposing to repower the Astoria Generating Station located at 18-01 20th Street in Astoria, Queens County, New York. Astoria Generating Company, L.P. is a wholly-owned subsidiary of Orion Power Holdings, Inc. and is hereafter referred to as "Orion Power." The repowering will be conducted in two phases and involves:

- addition of six combined cycle units utilizing Westinghouse 501FD or equivalent combustion turbines (nominally rated at 177 MW each)
- retirement of four existing boilers
- reuse of certain existing equipment including the steam turbines.

Based on preliminary analysis, the repowering may "net out" and therefore not be subject to Prevention of Significant Deterioration (PSD) requirements. Although the repowering may not be subject to PSD, Orion Power is requesting a waiver from pre-construction monitoring requirements, should PSD requirements become applicable to the project. Orion Power is making this request on the basis of existing monitoring data in the project area. However, it is anticipated that modeling will indicate that the predicted impacts of the proposed Astoria Generating Station repowering will be below the Significant Monitoring Concentrations listed in 40 CFR 52.21 (i)(8)(i) and Table C-3 of the New Source Review Workshop Manual (EPA, (draft), October 1990). Full modeling results will be presented with the project's air permit application and the Article X filing.

40 CFR 51.21 provides that pre-construction ambient air monitoring may be required unless existing, approved data are available. The document entitled Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD), EPA-450/4-87-00, sets forth the requirements necessary for existing air quality data to be used for demonstrating compliance with ambient air quality standards. The monitored locations must be:

- "within 10 km of the points of proposed emissions"

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- "of similar quality as would be obtained if the applicant monitored according to the PSD requirements"
- "collected in the three-year period preceding the permit application"

In order to meet these requirements, Orion Power proposes to use ambient air quality monitoring data from 1997 through 1999 collected and reported by the New York State Department of Environmental Conservation (NYSDEC). Ambient air quality in the New York City region has been monitored for over a decade, and the existing air quality and air quality trends are well documented. Orion Power proposes to use the most recent data available on-line from the EPA AIRS website (www.epa.gov/airsweb) for background concentrations as set forth below:

Pollutant	Averaging Time	Monitoring Station	Distance to Site	Background Concentration		Year
				(ppm)	($\mu\text{g}/\text{m}^3$)	
Sulfur Dioxide	Annual	IS-155	3 km	0.010	27	1999
	24 Hour			0.038	101	1997
	3 Hour			0.73	194	1997
Carbon Monoxide	8 Hour	PS-59	6 km	4.0	4660	1998
	1 Hour			5.1	5940	1997
Nitrogen Dioxide	Annual	Morrisania	6 km	0.036	68	1996, 1998
Lead	Quarterly	Greenpoint	7 km	--	0.16	1997
Ozone	1 Hour	Morrisania	6 km	0.123	241	1997, 1999
PM ₁₀	3 year expected	IS-55 / Greenpoint	4/7 km	--	23.3	1999
	24 Hour			--	55	1997

The selected monitoring sites are the closest monitoring locations for each pollutant to the proposed repowering. Two monitoring sites are listed for PM₁₀. Both sites are close to the project and have had data collected within the past three years. Although IS-155 is the closer site, Greenpoint is also listed because there was no record of data being collected at the IS-155 site in 1999. Similarly, Morrisania is one of two nearby ozone monitors, with data also being collected at the IS-155 site. However, there is no record of ozone data being collected in 1998, and only a partial season of data collected in 1999.

These data meet the three criteria listed in the EPA monitoring guidance cited above as they are located within 10 km of the project, are PSD-level quality, and have been collected within the past three years. These data are considered representative and can be used by Orion Power to make the requisite air quality demonstrations in lieu of conducting pre-construction monitoring.

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Orion Power, therefore, requests a waiver from the pre-construction air quality monitoring requirements.

Thank you for your time and consideration. If you have any questions or comments regarding this waiver request, please contact me at (401) 421-0398 or Janine Whitken at (301) 972-6338.

Sincerely,

ENVIRONMENTAL SCIENCE SERVICES, INC.



Stephen Wood
Senior Project Manager

C: Orest Lewinter, NYDEC
Fred Ulrich, NYSDPS
Scott Turner, Nixon Peabody
Janine Whitken, Orion Power

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

DEC 11 2000

Stephen Wood
Senior Project Manager
ESS Environmental Science Services, Inc.
272 West Exchange Street, Suite 101
Providence, Rhode Island 02903

Re: Preconstruction Ambient Air Monitoring Waiver Request for the Astoria Generating Station
Repowering - Orion Power Plant.

Dear Mr. Wood:

The U.S. Environmental Protection Agency, Region 2 Office received your November 20, 2000 submittal which requests a waiver from the PSD preconstruction ambient air monitoring requirements for the Astoria Generating Station, also known as the Orion Power Plant. However, the letter states that the company has not yet determined whether the plant will be subject to PSD. Therefore, it is premature for us to review the waiver request under the PSD regulations. We will review the request when and if the project is determined to be PSD effected.

Nevertheless, as possible future guidance, we suggest submitting an air dispersion modeling analysis (including the input and output files) that show what the predicted pollutant impacts are expected to be from the plant. We will review the modeling analysis for regulatory and technical compliance and determine whether the project may be waived from collecting ambient air monitoring data. In addition to the modeling analysis, we will consider your proposal to use existing ambient monitors operated by the New York State Department of Environmental Conservation. When considering the existing data we will evaluate the representativeness of the data collected at those monitors, the data quality, and whether 3 years of current data was obtained. Therefore, it is important to specify these parameters in your request.

If you have any questions regarding this letter please call Annamaria Colecchia of my staff at (212) 637-4016.

Sincerely,

A handwritten signature in dark ink, appearing to read "Steven C. Riva".

Steven C. Riva, Chief
Permitting Section, APB

cc: Leon Sedefian, NYSDEC

New York State Department of Environmental Conservation

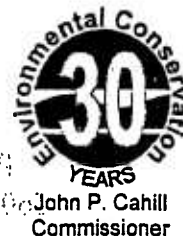
Division of Air Resources, Bureau of Technical Support
Quality Assurance Section, PO box #10, room C-115,

1 University Place

Rensselaer, N.Y. 12144

Telephone: (518) 525-2707 Fax: (518) 525-2706

Website: www.dec.state.ny.us



Yogesh Singla
Environmental Science Services
888 Worcester Street
Suite 240
Wellesley, MA 02482

January 5, 2001

Re: Request for QA/QC verification

Dear Mr. Singla:

This letter is sent in response to your e-mail of January 3, 2001, to which further clarification was provided by telephone on January 4, 2001. You are requesting that we provide verification that the PM-10 particulate data collected at the two specific sites referenced below underwent sufficient QA/QC validation during 1997, 1998 and 1999.

The two sites are: IS 155 (site number 7094-03); and Greenpoint (site number 7095-01). The sampler for IS 155 was a Wedding PM-10. At Greenpoint there were collocated Wedding PM-10 samplers and collocated HIVOL samplers (total of four samplers).

According to our records we can verify that all validated sample particulate data for 1997, 1998 and 1999 was subjected to Quality Assurance/Quality Control procedures as required by the USEPA. This data was validated by the respective supervising engineer within the Bureau of Air Quality Surveillance in the Division of Air Resources (Department of Environmental Conservation). This validated data was then submitted to the USEPA AIRS system.

I hope this information assists your efforts. If you have any further questions, please contact Gary Belcher of my staff at (518) 525-2702.

Sincerely,

A handwritten signature in black ink, appearing to read 'Randall H. Coon'.

Randall H. Coon, PE

Quality Assurance Section

cc: Henry Sandanato - BTS
Neil Isabelle - BAQS

January 25, 2001

Mr. Steven Riva
EPA Region II
290 Broadway
New York, New York 10007-1866

**Re: Orion Power Astoria Generating Station Repowering
Request for Pre-construction Monitoring Waiver
ESS Project No. 0179-003.2**

Dear Mr. Riva:

Environmental Science Services, Inc. (ESS) received your letter dated December 11, 2000 replying to our request for a waiver from Prevention of Significant Deterioration (PSD) pre-construction ambient air monitoring for the Orion Power Astoria Repowering Project. At the time of our request to the United State Environmental Protection Agency (EPA), it had not been determined whether the Repowering would be subject to PSD. It has now been concluded based on netting analysis that the facility is subject to PSD for PM₁₀. This letter provides the information requested in your letter in support of the pre-construction monitoring waiver request.

Air quality modeling has been performed to compare predicted concentrations from the Repowering to the significant monitoring concentrations (SMC). Results of the analysis are presented in Table 1 and shows that the maximum predicted concentrations are below all SMCs. A CD-ROM containing the input and output files for the modeling has been enclosed with this correspondence. 40 CFR § 52.21 (i)(8) provides that the EPA may exempt a stationary source or modification to a stationary source from pre-construction monitoring if the emission increase from the new source or the net increase from a modification would cause air quality impacts less than the SMCs.

Orion Power, therefore, requests that the EPA grant a monitoring waiver based on maximum predicted impacts being below SMCs.

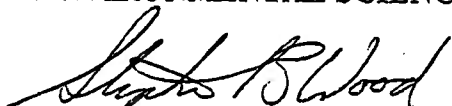
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Thank you for your time and consideration. If you have any questions or comments regarding this waiver request, please contact me at (401) 421-0398.

Sincerely,

ENVIRONMENTAL SCIENCE SERVICES, INC.



Stephen B. Wood
Vice President

Enclosures

C: Leon Sedifian, NYDEC
Janine Witken, Orion Power
Scott Turner, Nixon Peabody
Chris Rein, ESS

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TABLE 1

Repowering Concentrations Compared to PSD Significant Monitoring Concentrations

Pollutant	Averaging Period	Repowering Concentration (µg/m ³)	Significant Monitoring Concentration (µg/m ³)
CO	8-hour	45.1	575
NO ₂	Annual	0.9	14
SO ₂	24-hour	3.7	13
PM ₁₀	24-hour	4.9	10
Beryllium	24-hour	.0004	0.001

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APPENDIX B

ERC Certification Forms and DEC ERC Registry

APPENDIX 15-A

Netting Analysis

APPENDIX 15-A
ASTORIA GENERATING STATION REPOWERING
NEW SOURCE REVIEW NETTING ANALYSIS

1.0 INTRODUCTION

Astoria Generating Company, L.P. is proposing to repower Units No. 4 and 5 at the Astoria Generating Station (AGS) in Queens New York. Unit No. 4 consists of Boiler 40 and its steam turbine/generator which provides the steam for the operation of No. 4 steam turbine. Unit No. 5 is configured the same as Unit No. 4 except that the steam turbine/generator is designated No. 5 and the boiler associated with it for steam production is Boiler 50. The Repowering will replace and retire Boilers 40 and 50 with six combustion turbines each with an associated heat recovery steam generator (HRSG). The existing Units No. 4 and 5 steam turbine/generators, which are not emission units in and of themselves, will receive from the HRSGs the steam needed to operate. In addition, Boilers 20 and 30 will be retired and an operating restriction will be placed on Boiler 30 for the approximate one-year time period between the repowering of Unit No. 4 and Unit No. 5. The Repowering is scheduled to begin construction in 2002 with the commercial operation of the first combustion turbine/HRSG commencing in 2004 and the entire Repowering in commercial operation in 2005. The Repowering will significantly reduce total pollutant emissions through the permanent shutdown of existing air emission sources at the Facility. In order to evaluate if the Repowering is subject to Prevention of Significant Deterioration Review (PSD) or Nonattainment New Source Review (NANSR) requirements, an emissions netting analysis was performed. Emissions netting is the process of evaluating prospective emission changes at an existing major source to determine if a significant "net emissions increase" of an applicable pollutant will result from the proposed changes to the source. If the calculated net increase is significant, then PSD or NANSR permitting rules will apply on a pollutant by pollutant basis.

The following analysis presents potential emissions from a repowered facility, a discussion of regulatory requirements and methodology, a quantification of the baseline emissions being retired and the netting results.

2.0 REPOWERED EMISSIONS

The emissions levels for the Repowered Facility are based on its potential to emit (PTE) which includes any proposed emission controls or other enforceable conditions. The potential future emissions from the Repowering are based on 6 turbines operating at full load with the conditions

and emissions rates listed below. Emissions data are based on information provided by the equipment vendor or based on AP-42 as indicated.

Combustion Turbine Design and Operating Conditions

- Natural gas with a sulfur content of 0.2 grains/100 cu. ft. firing for 8,010 hours per year
- Duct burner operating for a maximum of 4,320 hours per year and firing natural gas
- 0.05% sulfur distillate oil firing for 750 hours per year
- SCR for NO_x control to 2.5 ppm at 15% O₂ on gas and 6.0 ppm at 15% O₂ on oil
- Oxidation Catalyst for CO control to 2.3 ppm at 15% O₂ on gas with duct firing, 2.0 without duct firing, and 6 ppm at 15% O₂ on oil
- Oxidation Catalyst for VOC control to 0.9 ppm at 15% O₂ on gas with duct firing, 0.7 without duct firing, and 6.0 ppm at 15% O₂ on oil
- PM₁₀ emissions rate of 0.010 lbs/MMBtu on gas and 0.033 lbs/MMBtu on oil (not including ammonium sulfate)
- Lead emissions are based on AP-42 factors of 1.40E-05 lbs/MMBtu on oil
- Ammonium, Sulfate emissions rate of 0.2 lbs/hr on gas and 19.5 lbs/hr on oil
- 60% Relative Humidity
- 55° F ambient temperature

Table A-1 presents the emissions for the gas turbines for oil and gas firing.

Additional emission sources include two cooling towers, two 2 MW diesel generators and storage of distillate fuel oil. The emission of VOCs from the oil storage tanks are estimated to be 0.6 TPY based on EPA TANKS 4.08 software calculations. Emissions from the diesel generators are based on a maximum of 1000 hours per year of operation between the two engines and AP-42 emission factors and summarized in Table A-2. Table A-3 summarizes total potential emissions from the Repowering in tons per year (TPY).

2.0 APPLICABLE REGULATORY THRESHOLDS

In accordance with EPA's PSD regulations (40 CFR § 52.21) and DEC's NANSR regulations (6 NYCRR Subpart 231-2), a major modification to an existing major source is subject to PSD or NANSR if net significant emission increases are above specified thresholds. Table A-4 lists the

specific thresholds for the applicable pollutants. Queens County is presently nonattainment for ozone and CO, and therefore NO_x and VOCs (as precursors to ozone) and CO are evaluated against the significant NANSR threshold values listed in Table A-4.

Queens County is attainment for PM, PM₁₀, lead, and SO₂, and these pollutants are evaluated against the major modification thresholds for PSD applicability. Sulfuric acid mist is also a PSD pollutant. Other PSD pollutants that EPA considers to have applicable PSD review thresholds (e.g., fluorides and total reduced sulfur compounds) are not expected to be emitted and do not have applicable AP-42 factors.

3.0 DETERMINATION OF PRIOR ACTUAL ANNUAL EMISSIONS FOR RETIRED SOURCES AND APPROPRIATE CONTEMPORANEOUS PERIOD FOR NETTING

3.1 Baseline Emissions

For purposes of PSD and NANSR netting calculations, the prior actual annual emissions of the units being retired must be determined. For PSD purposes, prior "actual emissions" are defined as the average rate, in tons per year, at which a unit actually emitted a pollutant during the preceding two-year period, provided it is representative of normal source operation. 40 CFR § 52.21(b)(21). A different two-year period can be utilized if it occurs within the preceding five years and is more representative of normal source operation.

DEC's NANSR definition is functionally similar to EPA's PSD definition. "Prior actual annual emissions" are the average rate in tons per year at which an emissions source actually emitted a nonattainment contaminant during a baseline period. 6 NYCRR § 231-2.1(b)(30). "Baseline period" is defined by DEC for proposed source projects as either a) two consecutive years immediately preceding the date of DEC's receipt of the permit application for the proposed Repowering or b) two consecutive years which are more representative of normal source operation occurring within five years preceding the date of DEC's receipt of the permit application for the Repowering. 6 NYCRR §§ 231-2.1(b)(1)(i)(c) (ii).

Since the application for the Repowering is being submitted in 2001, the prior actual annual emissions from Boilers 20 and 50 for calendar years 1999 and 2000 are presented in Table A-5. Additionally an operating restriction will be placed on Boiler 30 for the approximate one-year period between the time when Unit No. 4 is Repowered and when Unit No. 5 is Repowered in order to limit the boilers CO emissions. The 1999-2000 average emissions for Boiler 30 are presented in Table A-6. An enforceable CO emission limitation will be based

on a reduction from the historic actual emission level. Prior actual annual emissions from existing boilers were calculated based on the AP-42 emission factors with the exception of NO_x emissions, which were based on the emission rate measured by the continuous emissions monitor (CEM) and the fuel use. The values presented in Tables A-5 and A-6 reflect the two-year average of the boilers' 1999 and 2000 actual emissions, which in all cases were lower than the boilers' allowable emissions. Thus, the values in Tables A-5 and A-6 reflect the two-year average of the actual or allowable emissions, whichever is lower in accordance with applicable guidance.

AGS is included in a RACT Averaging Plan with Orion Power's peaking facilities (Gowanus and Narrows Stations) in New York City. A revised RACT Averaging Plan will be submitted to DEC at the appropriate time.

3.2 Contemporaneous Period

In addition to specifying an appropriate period for calculating prior actual annual emissions, the PSD and NANSR regulations dictate the period (called the "contemporaneous" period) in which emission increases and decreases that occur at a source must be included in a netting analysis. For PSD purposes, the contemporaneous period is the period beginning five years before the date construction of a particular change commences and ending on the date that the increase from a particular change occurs. 40 CFR § 52.21 (b)(3)(ii). The "increase occurs" at the end of a 180-day shakedown period after the change becomes operational. 40 CFR § 52.21(b)(3)(viii).

For NANSR purposes, the contemporaneous period for VOC and NO_x emissions in New York City is the five calendar year period ending with the calendar year that the proposed source project is scheduled to commence operation. 6 NYCRR § 231-2.1(b)(9)(i). For CO emissions in Queens County, the contemporaneous period begins five years prior to the date construction on the proposed source project is scheduled to commence and ends with the date the project is scheduled to commence operation. 6 NYCRR § 231-2.1(b)(9)(ii). For replacement projects like the Repowering, the "commence operation" date can include a 180-day shakedown period, as is also provided in the PSD regulations. 6 NYCRR § 231-1.2(b)(7)(ii).

Consistent with these refined time periods, this netting analysis uses the following contemporaneous periods:

- for PSD, 6/97 to 9/04; and
- for NANSR: 1/1/00 to 12/31/04.

Because the retirement of Boilers 30 and 40 will occur in 2005 and is outside the contemporaneous period, these emission reductions are not considered in the PSD and NANSR netting analysis. The enforceable permit limit to be placed on Boiler 30 will occur within the contemporaneous period and is, therefore, considered in the netting analysis.

4.0 NETTING RESULTS

The results of subtracting AGS' prior actual annual emissions from the potential to emit for the three turbines in Phase 1 and all six turbines operating at the end of Phase 2 are presented in Tables A-7 and A-8, respectively. Due to DEC's NANSR regulations, only the reductions from the shutdown of Boilers 20 and 50 and the CO emission limitation on Boiler 30 were used in the NANSR netting analysis for nonattainment pollutants. As shown on Table A-7, the Repowering will net out of NANSR for NO_x and CO and will be subject to NANSR for VOC.

At DEC's request, only Boilers 20 and 50 were used in the PSD netting analysis. PM/PM₁₀ and H₂SO₄ emissions are above the applicable threshold increase, and, therefore, PSD review will apply to those two pollutants.

Orion Power did not elect to place an emission limitation on Boiler 30 for any pollutant other than CO.

5.0 EMISSION REDUCTION CREDIT CERTIFICATION

The emission reductions for NO_x, VOC, and CO ultimately created through the retirement of the existing AGS equipment will be certified according to DEC procedures. This process involves the submission of an application for certification of Emission Reduction Credits (ERCs) on a form prescribed by DEC. The certification, generally, must demonstrate that the ERCs are real and permanent. This generally means that the retiring equipment will be shut down no later than the start of the new unit requiring such ERCs or that a federally enforceable limitation is being imposed to reduce emissions at an existing source. The application for ERC Certification will be subject to a 30-day notice period once DEC has completed its review. Additionally, EPA's requirement that "actual reductions must take place before the date that the emissions increase from any of the new or modified emissions units occurs" will be addressed by the sequencing of

startup and shutdown of different units. In addition, for replacement projects like the Repowering, the "Commence Operation" date can include a 180 day shakedown period (6 NYCRR § 231-2.1 (b) (7) (ii)), as is also provided in the PSD regulation.

Consistent with these provisions, the Repowering will shut down the operation of Boilers 20 and 50 prior to the end of the 180-day shakedown period. The operating limitation to be placed on Boiler 30 would likewise commence prior to the completion of the shakedown period. To maintain fuel flexibility, Orion Power proposes to document compliance with the annual limitation on CO by computing the total CO emissions based on fuel use and emission factors as follows:

$$\begin{aligned} & (\text{MMscf (gas)} \times 84 \text{ lbs CO/MMscf}) + ((\text{gallons of oil/1,000}) \times 5 \text{ lbs CO/1,000 gallons}) \\ & \div 2,000 \text{ lbs/ton} \leq 527 \text{ TPY} \end{aligned}$$

ERC Quantification Forms reflecting the retirement of Boilers 20 and 50 and the creation of CO ERCs from Boiler 30 through an operating limitation have been completed and are attached in Appendix 15-B. ERC Quantification Forms for the retirement of Boilers 30 and 40 will be submitted to DEC at the appropriate time.

6.0 EMISSIONS OFFSETS

Because DEC's NANSR regulations preclude Orion Power from including the shutdown of Boilers 30 and 40 in this netting analysis, the netting analysis necessarily shows that there will be significant net increases of VOCs, albeit for a period of no more than a year. Notwithstanding the short duration of the increases, DEC has advised that a source or sources of offsetting certified ERCs for VOCs will need to be identified by Orion Power. A list of the sources from which VOC ERCs could be provided is included in Appendix 15-B. A use of Emission Reduction Credits Form and a "contribution" demonstration will be provided prior to issuance of a permit for the Repowering Project, as required by 6 NYCRR § 231-2.4(b)(1). The VOC ERCs will be in an amount of 1.3 ERCs for each ton of increase not internally offset. Internal and external offsets are shown in Table A-8.

7.0 OVERALL EMISSION REDUCTION FROM THE REPOWERING

As discussed earlier, for purposes of this netting analysis, only the emissions reductions which will occur with the retirement of Boilers 20 and 50 and the emission limitation on Boiler 30 can be utilized at this time. However, the Repowering will have a much more significant reduction in overall emissions when the second repowered unit is operational, approximately one year later. Table A-9 presents the overall reduction from the retirement of all four boilers. Table A-10 is included in this analysis for illustrative purposes to show the magnitude of the significant reduction in pollutants that will occur as a result of the Repowering.

TABLES

Table A-1: Emission Rates for Combined Cycle Units – 100% Load

	Oil			Natural Gas with Duct Firing			Gas with No Duct Firing		
	Pounds per hour	(750 hours) TPY	TPY for 6 turbines	Pounds per hour	(4,320 hours) TPY	Total TPY for 6 turbines	Pounds per hour	(3,690 hours) TPY	Total TPY for 6 turbines
CO	43.0	16.1	96.6	17.6	38.0	228.0	16.8	31.0	186.0
SO ₂	94.4	35.4	212.4	1.1	2.4	14.3	1.00	1.8	11.1
PM ₁₀ ¹	73.9	27.7	166.3	17.1	37.4	224.2	16.5	30.4	182.7
NO _x	24.1	9.0	54.2	14.1	30.5	182.7	13.4	24.2	148.3
VOC	14.7	5.5	33.1	2.1	4.5	27.2	1.7	3.1	18.8
Lead	–	0.009	0.054	–	–	–	–	–	–
H ₂ SO ₄	10.8	4.1	24.3	.12	.3	1.6	.12	.2	1.3

¹ PM₁₀ includes ammonium sulfate emissions

Table A-2: Diesel Engine Emissions based on 1000 hours per year of Operation

Pollutant	Future Potential Emissions (TPY)
CO	8.6
SO ₂	0.6
PM/PM ₁₀	0.7
NO _x	19.2
VOC	0.9
Lead	Trace
H ₂ SO ₄	Trace

**Table A-3: Summary of Potential Future Emissions from Repowering
100% load- 750 Hours Oil – 3690 Hours Gas – 4320 Gas with Duct Firing for Turbines
including Diesel and Oil Storage Emissions**

Pollutant	Future Potential Emissions (TPY)
CO	285.2
SO ₂	238.3
PM ¹ /PM ₁₀ ²	716.1
NO _x	530.0
VOC	80.6
Lead	0.054
H ₂ SO ₄	27.2

¹ Includes 142.4 TPY from cooling towers

² Includes ammonium sulfate

Table A-4: Significant Emissions Review Thresholds

Pollutant	Attainment Status	Major Modification Significance Threshold (TPY)
NO _x	Nonattainment (Ozone)	25.0
CO	Nonattainment	100.0
SO ₂	Attainment	40.0
NO ₂	Attainment	40 (as NO _x)
PM	Attainment	25.0
PM ₁₀	Attainment	15.0
VOC	Nonattainment (Ozone)	25.0
Lead	Attainment	0.6
Fluoride	NA	3
H ₂ SO ₄	NA	7

**Table A-5: Prior Annual Actual Emissions for Boilers 20 and 50
Based on 1999 and 2000 Annual Periods
(Tons Per Year)**

Pollutant	Boiler 20	Boiler 50	1999 & 2000 Actual Average Emissions
NO _x	4.96	1098.3	1103.3
CO	2.90	146.3	149.2
SO ₂	.02	344.7	344.7
PM/PM ₁₀	.26	90.7	91.0
VOC	.19	30.5	30.7
Lead	0.000017	0.014	0.014
H ₂ SO ₄	--	14.9	14.9

Table Notes:

1. NO_x proposed value is the average of the 1999 – 2000 fuel use and using CEM data.
2. CO proposed value is the average of the 1999 – 2000 fuel use and using AP-42 emission factor in Table 1.3-1 and 1.4-1.
3. SO₂ proposed value is the average of the 1999 – 2000 fuel use, sulfur content and AP-42 emission factor from Table 1.3-1 and 1.4-2.
4. PM proposed value is the average of the 1999 – 2000 fuel use and using AP-42 emission rate of 7.293 lbs/1000 gal for oil firing and 0.0075 lbs/MMBtu for gas (7.6 lbs/10⁶ ft³) in AP-42, Table 1.3-1 and 1.4-2.
5. PM₁₀ proposed value is the average of the 1999 – 2000 fuel use and using AP-42 emission rate of 5.613 lbs/1000 gal for oil firing and 0.0075 lbs/MMBtu for gas (7.6 lbs/10⁶ ft³) in AP-42, Table 1.3-1, 1.3-2, 1.3-4 and 1.4-2.
6. VOC proposed value is the average of the 1999 – 2000 fuel use and the rate of .0051 lbs/MMBtu (.76 lbs/103 gal) for oil firing as listed in AP-42, Table 1.3-3.
7. Lead proposed value is the average of the 1999 – 2000 fuel use and AP-42 factor of 1.51x10⁻³ for oil firing from Table 1.3-11.
8. H₂SO₄ based on AP-42, Table 1.3-1 and [5.7 (.3) x MW H₂SO₄ (98)/MW SO₃ (80)]

**Table A-6: Prior Annual Actual Emissions for Boiler 30
based on 1999 and 2000 Annual Periods
(Tons Per Year)**

Pollutant	1999 & 2000 Actual Average Emissions	Proposed Emission Limit	Net Reduction
NO _x	2028.3	NA	NA
CO	564.2	527	37
SO ₂	431.8	NA	NA
M/PM ₁₀	117.6	NA	NA
VOC	41.2	NA	NA
Lead	0.018	NA	NA
H ₂ SO ₄	18.7	NA	NA

Table Notes:

Sources of data are the same as Table A4

**Table A-7: Phase 1
Astoria Repowering Project
PSD and NANSR Netting Analysis**

Pollutant	Repowering Potential to Emit (TPY)	1999 & 2000 Actual Average Emissions Boilers 20 and 50 and Limitation on Boiler 30 (TPY)	Net Emissions (TPY)	Major Modification Significance Threshold	NANSR or PSD Applicable
NO _x	530.0	1103.3	-573.3	25.0	N
CO ¹	285.2	186.2	99	100.0	N
SO ₂	238.3	344.7	-106.4	40.0	N
PM ² /PM ₁₀	716.1	91.0	625.0	15.0	Y
VOC	80.6	30.7	49.9	25.0	Y
Lead	0.054	0.014	0.04	0.6	N
H ₂ SO ₄	27.2	14.9	12.3	7	Y

¹ Assumes that Queens County remains a nonattainment area for Carbon Monoxide

² PM for Repowering includes cooling towers. It is assumed all PM from the combined cycle units is PM₁₀. PM₁₀ threshold is used as the more conservative number.

Table A-8: Internal and External Offset Requirements

	Repowering Potential Emissions	Offsets Required (1.3 to 1)	Internal Offsets	External Offsets
VOC	80.6	104.8	31.2	7306

**Table A-9: Prior Annual Actual Emissions for All Sources to be Retired
Based on 1999 and 2000 Annual Periods
(Tons Per Year)**

Pollutant	Boiler 20	Boiler 30	Boiler 40	Boiler 50	1999 & 2000 Actual Average Emissions
NO _x	4.9	2028.3	1154.9	1098.3	4286.4
CO	2.9	564.2	154.7	146.3	868.2
SO ₂	.02	431.8	424.7	344.7	1201.2
PM/PM ₁₀	.26	117.6	103.8	90.7	312.4
VOC	.19	41.2	31.7	30.5	103.6
Lead	0.000017	0.018	0.017	0.014	0.049
H ₂ SO ₄	--	18.7	18.4	14.9	51.9

Table Notes:

Sources of data are the same as Table A4

**Table A-10: Potential Net Emissions from the Repowering
Including Retirement of Boilers 20, 30, 40 and 50**

Pollutant	Repowering Potential to Emit (TPY)	1999 & 2000 Actual Average Emissions (TPY)	Net Emissions (TPY)
NO _x	530.0	4286.4	-3756.4
CO	285.2	868.2	-583.0
SO ₂	238.3	1201.2	-962.9
PM ² / PM ₁₀ ³	716.1	312.4	403.7
VOC	80.6	103.6	-23.0
Beryllium	0.012	0.00094	0.00026
Fluoride	-	1.0	-1.0
Lead	0.054	0.048	.006
Mercury	0.0046	0.0069	-0.0023
H ₂ SO ₄	27.2	51.9	-24.7

- ¹ PM included for Repowering from cooling towers
² All PM from the combined cycle units is assumed to be PM₁₀.

EMISSION WORKSHEETS

**Astoria Generating Station
Potential Annual Emissions Calculation**

Proposed Turbines & Duct Burners

Potential emissions from the turbines and duct burners are based on emission factors provided by the vendor or taken from AP-42. The source of emission factors is EPA's *Compilation of Air Pollution Emission Factors*, AP-42, Section 3.1, Stationary Gas Turbines (4,00) and Section 1.4, Duct Burners (7/98). Since these turbines can fire either No. 2 fuel oil or natural gas, the potential emissions for both fuels were calculated.

Input Data

Units Operating	Fuel	Hrs/year	MMBTU/hr (LHV)
Turbine Alone	No. 2 Oil	750	1,837
Turbine & Duct Burner	Natural Gas	4,320	1,930
Turbine Alone	Natural Gas	3,690	1,851

Turbine - Potential Emissions While Firing No. 2 Fuel Oil

Pollutant	Stack Conc (ppm @ 15% O ₂)	Emission Factor Source	Emission Factor (lb/MMBTU)	Single Unit Potential Emissions		
				(lb/hr)	(lb/yr)	(ton/yr)
PM-10	--	Vendor	0.030	54.40	40,800	20.4
Ammonium Sulfate	--	Vendor	--	19.50	14,625	7.3
PM-10 plus Ammonium Sulfate	--	Vendor	--	73.90	55,425	27.7
Sulfur Dioxide		Vendor	0.051	94.40	70,800	35.4
Nitrogen Oxides	6	Vendor	0.023	43.00	32,250	16.1
Carbon Monoxide	6	Vendor	0.014	26.20	19,650	9.8
VOC	6	Vendor	0.008	14.70	11,025	5.5
Beryllium	--	AP-42	3.1E-07	0.00057	0.43	0.0002
Lead	--	AP-42	1.4E-05	0.0257	19.3	0.010
Mercury	--	AP-42	1.2E-06	0.0022	1.7	0.0008
Sulfuric Acid Mist	--	Vendor	--	10.80	8,100.0	4.1

**Astoria Generating Station
Potential Annual Emissions Calculation**

Turbine & Duct Burner - Potential Emissions While Firing Natural Gas

Pollutant	Stack Conc (ppm @ 15% O ₂)	Emission Factor Source	Emission Factor (lb/MMBTU)	Single Unit Potential Emissions		
				(lb/hr)	(lb/yr)	(ton/yr)
PM-10	---	Vendor	0.010	17.10	73,872	36.9
Ammonium Sulfate	---	Vendor	---	0.20	864	0.4
PM-10 plus Ammonium Sulfate	---	Vendor	---	17.30	74,736	37.4
Sulfur Dioxide	---	Vendor	0.001	1.10	4,752	2.4
Nitrogen Oxides	2.50	Vendor	0.009	17.60	76,032	38.0
Carbon Monoxide	2.30	Vendor	0.005	9.80	42,336	21.2
VOC	0.90	Vendor	0.001	2.10	9,072	4.5
Beryllium	---	None	---	---	---	---
Lead	---	None	---	---	---	---
Mercury	---	None	---	---	---	---
Sulfuric Acid Mist	---	Vendor	---	0.12	518	0.3

Turbine - Potential Emissions While Firing Natural Gas

Pollutant	Stack Conc (ppm @ 15% O ₂)	Emission Factor Source	Emission Factor (lb/MMBTU)	Single Unit Potential Emissions		
				(lb/hr)	(lb/yr)	(ton/yr)
PM-10	---	Vendor	0.01	16.30	60,147	30.1
Ammonium Sulfate	---	Vendor	---	0.20	738	0.4
PM-10 plus Ammonium Sulfate	---	Vendor	---	16.50	60,885	30.4
Sulfur Dioxide	---	Vendor	0.001	1.00	3,690	1.8
Nitrogen Oxides	2.50	Vendor	0.009	16.80	61,992	31.0
Carbon Monoxide	2.00	Vendor	0.004	8.20	30,258	15.1
VOC	0.70	Vendor	0.001	1.70	6,273	3.1
Beryllium	---	None	---	---	---	---
Lead	---	None	---	---	---	---
Mercury	---	None	---	---	---	---
Sulfuric Acid Mist	---	None	---	0.12	443	0.2

**Astoria Generating Station
Potential Annual Emissions Calculation**

Entire Facility - Summary of Annual Potential Emissions

Pollutant	Potential Emissions of Six Oil-Fired Turbines		Potential Emissions of Six Gas-Fired Turbines With Duct Firing		Potential Emissions of Six Gas-Fired Turbines Alone		TOTAL Potential Emissions from Entire Facility	
	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)
PM-10	244,800	122	443,232	222	360,882	180	1,048,914	524.5
Ammonium Sulfate	87,750	44	5,184	3	4,428	2	97,362	48.7
PM-10 plus Ammonium Sulfate	332,550	166	448,416	224	365,310	183	1,146,276	573.1
Sulfur Dioxide	424,800	212	28,512	14	22,140	11	475,452	237.7
Nitrogen Oxides	193,500	97	456,192	228	371,952	186	1,021,644	510.8
Carbon Monoxide	117,900	59	254,016	127	181,548	91	553,464	276.7
VOC	66,150	33	54,432	27	37,638	19	158,220	79.1
Beryllium	2.6	0.0013	---	---	---	---	2.6	0.0013
Lead	116	0.058	---	---	---	---	116	0.058
Mercury	9.9	0.0050	---	---	---	---	9.9	0.0050
Sulfuric Acid Mist	48,600	24	3,110	2	2,657	1	54,367	27.2

Astoria Generating Station 2000 Emission Calculation - Boiler 20

Boiler 20: Face-fired Boiler rated at 1,795 MMBtu/hr

Actual emissions from Boiler 20 are based on emission factors and continuous emission monitoring data. The source of emission factors is EPA's *Compilation of Air Pollution Emission Factors*, AP-42, Section 1.4, Natural Gas Combustion (7/98).

Input Data - 2000

Fuel Heat Value:	1,028 Btu/scf	Natural Gas
Actual Annual Fuel:	69.0 MMscf/yr	Natural Gas

Boiler 20 - Actual Natural Gas Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/MMcf)	2000 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	7.6	524	0.26
Particulates	AP-42	7.6	524	0.26
Sulfur Dioxide	AP-42	0.6	41	0.02
Nitrogen Oxides	CEMS ¹	---	9,919	4.96
Carbon Monoxide	AP-42	84	5,792	2.90
VOC	AP-42	5.5	379	0.19
Beryllium	AP-42	1.2E-05	0.00	4.1E-07
Fluoride	None	---	---	---
Lead	AP-42	5.0E-04	0.03	1.7E-05
Mercury	AP-42	2.6E-04	0.02	9.0E-06
Sulfuric Acid Mist	None	---	---	---

¹ Unit 2 CEMS is not yet certified -- the maximum permissible emission rate has been used.

Boiler 20 - Summary of Actual 1999 & 2000 Oil & Natural Gas Emissions

Pollutant	TOTAL 1999 Actual Emissions		TOTAL 2000 Actual		AVERAGE Actual Emissions	
	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)
PM-10	0	0	524	0.26	524	0.26
Particulates	0	0	524	0.26	524	0.26
Sulfur Dioxide	0	0	41	0.021	41	0.021
Nitrogen Oxides	0	0	9,919	4.96	9,919	4.96
Carbon Monoxide	0	0	5,792	2.90	5,792	2.90
VOC	0	0	379	0.19	379	0.19
Beryllium	0	0	0.00083	4.1E-07	0.00083	4.1E-07
Fluoride	0	0	---	---	---	---
Lead	0	0	0.034	1.7E-05	0.034	1.7E-05
Mercury	0	0	0.018	9.0E-06	0.018	9.0E-06
Sulfuric Acid Mist	0	0	---	---	---	---

Astoria Generating Station
1999-2000 Emission Calculation - Boiler 30

Boiler 30: Face-fired Boiler rated at 3,984 MMBtu/hr

Actual emissions from Boiler 30 are based on emission factors and continuous emission monitoring data. The source of emission factors is EPA's *Compilation of Air Pollution Emission Factors*, AP-42, Section 1.3, Fuel Oil Combustion (9/98) and Section 1.4, Natural Gas Combustion (7/98). Since this boiler can fire either No. 6 fuel oil or natural gas, the actual emissions for both fuels were calculated.

Input Data - 2000

Fuel Heat Value:	151,453 Btu/gal	No. 6 Oil
	1,028 Btu/scf	Natural Gas
Avg. Fuel Oil Sulfur Content (S):	0.28 %	No. 6 Oil
Actual Annual Fuel:	20,830.1 10 ³ gal/yr	No. 6 Oil
	11,719.9 MMscf/yr	Natural Gas

Boiler 30 - Actual Fuel Oil Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/10 ³ gal)	2000 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	5.61	116,857	58
Particulates	AP-42	7.29	151,851	76
Sulfur Dioxide	AP-42	157(S)	915,689	458
Nitrogen Oxides	CEMS ¹	---	845,478	423
Carbon Monoxide	AP-42	5	104,150	52
VOC	AP-42	0.76	15,831	7.9
Beryllium	AP-42	2.78E-05	0.58	2.9E-04
Fluoride	AP-42	3.73E-02	777	0.39
Lead	AP-42	1.51E-03	31.5	1.6E-02
Mercury	AP-42	1.13E-04	2.4	1.2E-03
Sulfuric Acid Mist ²	AP-42	5.7(S) x 96/80	39,894	20

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

² Sulfuric Acid Mist is based on 100% conversion of Sulfur Trioxide to Sulfuric Acid.

Boiler 30 - Actual Natural Gas Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/MMcf)	2000 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	7.6	89,071	45
Particulates	AP-42	7.6	89,071	45
Sulfur Dioxide	AP-42	0.6	7,032	3.5
Nitrogen Oxides	CEMS ¹	---	3,118,931	1,559
Carbon Monoxide	AP-42	84	984,472	492
VOC	AP-42	5.5	64,459	32
Beryllium	AP-42	1.2E-05	0.14	7.0E-05
Fluoride	None	---	---	---
Lead	AP-42	5.0E-04	5.86	2.9E-03
Mercury	AP-42	2.6E-04	3.05	1.5E-03
Sulfuric Acid Mist	None	---	---	---

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

**Astoria Generating Station
1999-2000 Emission Calculation - Boiler 30**

Input Data - 1999

<i>Fuel Heat Value:</i>	151,453 Btu/gal	No. 6 Oil
	1,028 Btu/scf	Natural Gas
<i>Avg. Fuel Oil Sulfur Content (S):</i>	0.28 %	No. 6 Oil
<i>Actual Annual Fuel:</i>	18,122.7 10 ³ gal/yr	No. 6 Oil
	12,830.0 MMscf/yr	Natural Gas

Boiler 30 - Actual Fuel Oil Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/10 ³ gal)	1999 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	5.61	101,668	51
Particulates	AP-42	7.29	132,114	66
Sulfur Dioxide	AP-42	157(S)	796,674	398
Nitrogen Oxides	CEMS ¹	---	725,930	363
Carbon Monoxide	AP-42	5	90,614	45
VOC	AP-42	0.76	13,773	6.9
Beryllium	AP-42	2.78E-05	0.50	2.5E-04
Fluoride	AP-42	3.73E-02	676	0.34
Lead	AP-42	1.51E-03	27.4	1.4E-02
Mercury	AP-42	1.13E-04	2.0	1.0E-03
Sulfuric Acid Mist ²	AP-42	5.7(S) x 96/80	34,709	17

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

² Sulfuric Acid Mist is based on 100% conversion of Sulfur Trioxide to Sulfuric Acid.

Boiler 30 - Actual Natural Gas Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/MMcf)	1999 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	7.6	97,508	49
Particulates	AP-42	7.6	97,508	49
Sulfur Dioxide	AP-42	0.6	7,698	3.8
Nitrogen Oxides	CEMS ¹	---	3,422,670	1,711
Carbon Monoxide	AP-42	84	1,077,720	539
VOC	AP-42	5.5	70,565	35
Beryllium	AP-42	1.2E-05	0.15	7.7E-05
Fluoride	None	---	---	---
Lead	AP-42	5.0E-04	6.42	3.2E-03
Mercury	AP-42	2.6E-04	3.34	1.7E-03
Sulfuric Acid Mist	None	---	---	---

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

**Astoria Generating Station
1999-2000 Emission Calculation - Boiler 30**

Boiler 30 - Summary of Actual 1999 & 2000 Oil & Natural Gas Emissions

Pollutant	TOTAL 1999 Actual Emissions		TOTAL 2000 Actual Emissions		AVERAGE Actual Emissions	
	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)
PM-10	199,176	100	205,928	103	202,552	101
Particulates	229,622	115	240,922	120	235,272	118
Sulfur Dioxide	804,372	402	922,721	461.4	863,547	432
Nitrogen Oxides	4,148,600	2,074	3,964,409	1,982	4,056,505	2,028
Carbon Monoxide	1,168,334	584	1,088,622	544	1,128,478	564
VOC	84,338	42	80,290	40	82,314	41
Beryllium	0.66	3.29E-04	0.72	3.60E-04	0.69	3.44E-04
Fluoride	676	0.34	777	0.39	726	0.36
Lead	34	1.69E-02	37	1.87E-02	36	1.78E-02
Mercury	5.4	2.69E-03	5.4	2.70E-03	5.4	2.70E-03
Sulfuric Acid Mist	34,709	17	39,894	20	37,301	19

Astoria Generating Station
1999-2000 Emission Calculation - Boiler 40

Boiler 40: Tangentially-fired Boiler rated at 4,074 MMBtu/hr

Actual emissions from Boiler 40 are based on emission factors and continuous emission monitoring data. The source of emission factors is EPA's *Compilation of Air Pollution Emission Factors, AP-42*, Section 1.3, Fuel Oil Combustion (9/98) and Section 1.4, Natural Gas Combustion (7/98). Since this boiler can fire either No. 6 fuel oil or natural gas, the actual emissions for both fuels were calculated.

Input Data - 2000

<i>Fuel Heat Value:</i>	151,453 Btu/gal	No. 6 Oil
	1,028 Btu/scf	Natural Gas
<i>Avg. Fuel Oil Sulfur Content (S):</i>	0.28 %	No. 6 Oil
<i>Actual Annual Fuel:</i>	15,746.21 10 ³ gal/yr	No. 6 Oil
	5,489.7 MMscf/yr	Natural Gas

Boiler 40 - Actual Fuel Oil Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/10 ³ gal)	2000 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	5.61	88,336	44
Particulates	AP-42	7.29	114,790	57
Sulfur Dioxide	AP-42	157(S)	692,203	346
Nitrogen Oxides	CEMS ¹	---	507,964	254
Carbon Monoxide	AP-42	5	78,731	39
VOC	AP-42	0.76	11,967	6.0
Beryllium	AP-42	2.78E-05	0.44	2.2E-04
Fluoride	AP-42	3.73E-02	587	0.29
Lead	AP-42	1.51E-03	23.8	1.2E-02
Mercury	AP-42	1.13E-04	1.8	8.9E-04
Sulfuric Acid Mist ²	AP-42	5.7(S) x 96/80	30,157	15

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

² Sulfuric Acid Mist is based on 100% conversion of Sulfur Trioxide to Sulfuric Acid.

Boiler 40 - Actual Natural Gas Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/MMcf)	2000 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	7.6	41,722	21
Particulates	AP-42	7.6	41,722	21
Sulfur Dioxide	AP-42	0.6	3,294	1.6
Nitrogen Oxides	CEMS ¹	---	1,049,172	525
Carbon Monoxide	AP-42	24	131,754	66
VOC	AP-42	5.5	30,194	15
Beryllium	AP-42	1.2E-05	0.066	3.3E-05
Fluoride	None	---	---	---
Lead	AP-42	5.0E-04	2.74	1.4E-03
Mercury	AP-42	2.6E-04	1.43	7.1E-04
Sulfuric Acid Mist	None	---	---	---

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

**Astoria Generating Station
1999-2000 Emission Calculation - Boiler 40**

Input Data - 1999

<i>Fuel Heat Value:</i>	151,453 Btu/gal	No. 6 Oil
	1,028 Btu/scf	Natural Gas
<i>Avg. Fuel Oil Sulfur Content (S):</i>	0.28 %	No. 6 Oil
<i>Actual Annual Fuel:</i>	22,656.5 10 ³ gal/yr	No. 6 Oil
	12,292.2 MMscf/yr	Natural Gas

Boiler 40 - Actual Fuel Oil Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/10 ³ gal)	1999 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	5.61	127,103	64
Particulates	AP-42	7.29	165,166	83
Sulfur Dioxide	AP-42	157(S)	995,980	498
Nitrogen Oxides	CEMS ¹	---	741,108	371
Carbon Monoxide	AP-42	5	113,283	57
VOC	AP-42	0.76	17,219	8.6
Beryllium	AP-42	2.78E-05	0.63	3.1E-04
Fluoride	AP-42	3.73E-02	845	0.42
Lead	AP-42	1.51E-03	34.2	1.7E-02
Mercury	AP-42	1.13E-04	2.6	1.3E-03
Sulfuric Acid Mist ²	AP-42	5.7(S) x 96/80	43,392	22

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

² Sulfuric Acid Mist is based on 100% conversion of Sulfur Trioxide to Sulfuric Acid.

³ Formaldehyde emission factor from Table 1.3-9.

Boiler 40 - Actual Natural Gas Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/MMcf)	1999 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	7.6	93,421	47
Particulates	AP-42	7.6	93,421	47
Sulfur Dioxide	AP-42	0.6	7,375	3.7
Nitrogen Oxides	CEMS ¹	---	2,321,264	1,161
Carbon Monoxide	AP-42	24	295,013	148
VOC	AP-42	5.5	67,607	34
Beryllium	AP-42	1.2E-05	0.15	7.4E-05
Fluoride	None	---	---	---
Lead	AP-42	5.0E-04	6.15	3.1E-03
Mercury	AP-42	2.6E-04	3.20	1.6E-03
Sulfuric Acid Mist	None	---	---	---

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

**Astoria Generating Station
1999-2000 Emission Calculation - Boiler 40**

Boiler 40 - Summary of Actual 1999 & 2000 Oil & Natural Gas Emissions

Pollutant	TOTAL 1999 Actual Emissions		TOTAL 2000 Actual Emissions		AVERAGE Actual Emissions	
	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)
PM-10	220,524	110	130,058	65	175,291	88
Particulates	258,587	129	156,512	78	207,549	104
Sulfur Dioxide	1,003,355	502	695,497	347.7	849,426	425
Nitrogen Oxides	3,062,372	1,531	1,557,136	779	2,309,754	1,155
Carbon Monoxide	408,295	204	210,485	105	309,390	155
VOC	84,826	42	42,161	21	63,493	32
Beryllium	0.78	3.89E-04	0.50	2.52E-04	0.64	3.20E-04
Fluoride	845	0.42	587	0.29	716	0.36
Lead	40	2.02E-02	27	1.33E-02	33	1.67E-02
Mercury	5.8	2.88E-03	3.2	1.60E-03	4.5	2.24E-03
Sulfuric Acid Mist	43,392	22	30,157	15	36,774	18

Astoria Generating Station 1999-2000 Emission Calculation - Boiler 50

Boiler 50: Tangentially-fired Boiler rated at 4,094 MMBtu/hr

Actual emissions from Boiler 50 are based on emission factors and continuous emission monitoring data. The source of emission factors is EPA's *Compilation of Air Pollution Emission Factors*, AP-42, Section 1.3, Fuel Oil Combustion (9/98) and Section 1.4, Natural Gas Combustion (7/98). Since this boiler can fire either No. 6 fuel oil or natural gas, the actual emissions for both fuels were calculated.

Input Data - 2000

Fuel Heat Value:	151,453 Btu/gal	No. 6 Oil
	1,028 Btu/scf	Natural Gas
Avg. Fuel Oil Sulfur Content (S):	0.28 %	No. 6 Oil
Actual Annual Fuel:	8,467.24 10 ³ gal/yr	No. 6 Oil
	5,611.4 MMscf/yr	Natural Gas

Boiler 50 - Actual Fuel Oil Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/10 ³ gal)	2000 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	5.61	47,501	24
Particulates	AP-42	7.29	61,726	31
Sulfur Dioxide	AP-42	157(S)	372,220	186
Nitrogen Oxides	CEMS ¹	---	287,255	144
Carbon Monoxide	AP-42	5	42,336	21
VOC	AP-42	0.76	6,435	3.2
Beryllium	AP-42	2.78E-05	0.24	1.2E-04
Fluoride	AP-42	3.73E-02	316	0.16
Lead	AP-42	1.51E-03	12.8	6.4E-03
Mercury	AP-42	1.13E-04	1.0	4.8E-04
Sulfuric Acid Mist ²	AP-42	5.7(S) x 96/80	16,216	8.1

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

² Sulfuric Acid Mist is based on 100% conversion of Sulfur Trioxide to Sulfuric Acid.

Boiler 50 - Actual Natural Gas Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/MMcf)	2000 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	7.6	42,647	21
Particulates	AP-42	7.6	42,647	21
Sulfur Dioxide	AP-42	0.6	3,367	2
Nitrogen Oxides	CEMS ¹	---	1,043,593	522
Carbon Monoxide	AP-42	24	134,673	67
VOC	AP-42	5.5	30,863	15
Beryllium	AP-42	1.2E-05	0.067	3.4E-05
Fluoride	None	---	---	---
Lead	AP-42	5.0E-04	2.81	1.4E-03
Mercury	AP-42	2.6E-04	1.46	7.3E-04
Sulfuric Acid Mist	None	---	---	---

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

**Astoria Generating Station
1999-2000 Emission Calculation - Boiler 50**

Input Data - 1999

<i>Fuel Heat Value:</i>	151,453 Btu/gal 1,028 Btu/scf	No. 6 Oil Natural Gas
<i>Avg. Fuel Oil Sulfur Content (S):</i>	0.28 %	No. 6 Oil
<i>Actual Annual Fuel:</i>	22,656.5 10 ³ gal/yr 12,292.2 MMscf/yr	No. 6 Oil Natural Gas

Boiler 50 - Actual Fuel Oil Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/10 ³ gal)	1999 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	5.61	127,103	64
Particulates	AP-42	7.29	165,166	83
Sulfur Dioxide	AP-42	157(S)	995,980	498
Nitrogen Oxides	CEMS ¹	---	741,108	371
Carbon Monoxide	AP-42	5	113,283	57
VOC	AP-42	0.76	17,219	8.6
Beryllium	AP-42	2.78E-05	0.63	3.1E-04
Fluoride	AP-42	3.73E-02	845	0.42
Lead	AP-42	1.51E-03	34.2	1.7E-02
Mercury	AP-42	1.13E-04	2.6	1.3E-03
Sulfuric Acid Mist ²	AP-42	5.7(S) x 96/80	43,392	22

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

² Sulfuric Acid Mist is based on 100% conversion of Sulfur Trioxide to Sulfuric Acid.

³ Formaldehyde emission factor from Table 1.3-9.

Boiler 50 - Actual Natural Gas Emissions

Pollutant	Emission Factor Source	Emission Factor (lb/MMcf)	1999 Actual Emissions	
			(lb/yr)	(ton/yr)
PM-10	AP-42	7.6	93,421	47
Particulates	AP-42	7.6	93,421	47
Sulfur Dioxide	AP-42	0.6	7,375	3.7
Nitrogen Oxides	CEMS ¹	---	2,321,264	1,161
Carbon Monoxide	AP-42	24	295,013	148
VOC	AP-42	5.5	67,607	34
Beryllium	AP-42	1.2E-05	0.15	7.4E-05
Fluoride	None	---	---	---
Lead	AP-42	5.0E-04	6.15	3.1E-03
Mercury	AP-42	2.6E-04	3.20	1.6E-03
Sulfuric Acid Mist	None	---	---	---

¹ Emissions from the Continuous Emission Monitoring System (CEMS).

**Astoria Generating Station
1999-2000 Emission Calculation - Boiler 50**

Boiler 50 - Summary of Actual 1999 & 2000 Oil & Natural Gas Emissions

Pollutant	TOTAL 1999 Actual Emissions		TOTAL 2000 Actual Emissions		AVERAGE Actual Emissions	
	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)
PM-10	220,524	110	90,148	45	155,336	78
Particulates	258,587	129	104,373	52	181,480	91
Sulfur Dioxide	1,003,355	502	375,587	187.8	689,471	345
Nitrogen Oxides	3,062,372	1,531	1,330,847	665	2,196,610	1,098
Carbon Monoxide	408,295	204	177,010	89	292,652	146
VOC	84,826	42	37,298	19	61,062	31
Beryllium	0.78	3.89E-04	0.30	1.51E-04	0.54	2.70E-04
Fluoride	845	0.42	316	0.16	580	0.29
Lead	40	2.02E-02	16	7.80E-03	28	1.40E-02
Mercury	5.8	2.88E-03	2.4	1.21E-03	4.1	2.04E-03
Sulfuric Acid Mist	43,392	22	16,216	8	29,804	15

**Astoria Generating Station
1999-2000 Emission Calculation - Entire Facility**

Summary of Actual 1999 & 2000 Oil & Natural Gas Emissions for Entire Facility

Pollutant	Boiler 20 Average		Boiler 30 Average		Boiler 40 Average		Boiler 50 Average		FACILITY AVERAGE	
	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)	(lb/yr)	(ton/yr)
PM-10	524	0.26	202,552	101	175,291	88	155,336	78	533,703	267
Particulates	524	0.26	235,272	118	207,549	104	181,480	91	624,825	312
Sulfur Dioxide	41	0.021	863,547	431.8	849,426	424.7	689,471	344.7	2,402,485	1,201
Nitrogen Oxides	9,919	5.0	4,056,505	2,028	2,309,754	1,155	2,196,610	1,098	8,572,788	4,286
Carbon Monoxide	5,792	2.9	1,128,478	564	309,390	155	292,652	146	1,736,313	868
VOC	379	0.19	82,314	41	63,493	32	61,062	31	207,249	104
Beryllium	0.00083	4.14E-07	0.69	3.44E-04	0.64	3.20E-04	0.54	2.70E-04	1.9	9.35E-04
Fluoride	---	---	726	0.36	716	0.36	580	0.29	2,023	1.01
Lead	0.034	1.72E-05	36	1.78E-02	33	1.67E-02	28	1.40E-02	97	4.85E-02
Mercury	0.018	8.96E-06	5.4	2.70E-03	4.5	2.24E-03	4.1	2.04E-03	14	6.99E-03
Sulfuric Acid Mist	---	---	37,301	19	36,774	18	29,804	15	103,880	52

The FACILITY AVERAGE calculated above is a summation of the average annual emissions from each boiler. It constitutes the average annual emissions from the entire facility.

EPA TANKS 4.08 DATA

TANKS 4.0
Emissions Report - Detail Format
Tank Identification and Physical Characteristics

Identification

User Identification:	FO6-5
City:	Astoria
State:	New York
Company:	Astoria Generating Company L.P.
Type of Tank:	Horizontal Tank
Description:	Mounded Oil Storage Tank

Tank Dimensions

Shell Length (ft):	150.00
Diameter (ft):	53.40
Volume (gallons):	1,900,000.00
Turnovers:	9.22
Net Throughput (gal/yr):	17,508,733.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	Y

Paint Characteristics

Shell Color/Shade:
Shell Condition:

Breather Vent Settings

Vacuum Settings (psig):	0.00
Pressure Settings (psig):	0.00

Meteorological Data used in Emissions Calculations: New York City, New York (Avg Atmospheric Pressure = 14.73 psia)

TANKS 4.0 Emissions Report - Detail Format Liquid Contents of Storage Tank

Mixture/Component	Month	Daily Liquid Surf. Temperatures (deg F)			Liquid Bulk Temp. (deg F)	Vapor Pressures (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Distillate fuel oil no. 2	Jan	43.91	43.91	43.91	53.69	0.0037	0.0037	0.0037	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Feb	44.85	44.85	44.85	53.69	0.0039	0.0039	0.0039	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Mar	48.72	48.72	48.72	53.69	0.0044	0.0044	0.0044	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Apr	53.17	53.17	53.17	53.69	0.0052	0.0052	0.0052	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	May	57.66	57.66	57.66	53.69	0.0060	0.0060	0.0060	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Jun	61.55	61.55	61.55	53.69	0.0068	0.0068	0.0068	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Jul	63.86	63.86	63.86	53.69	0.0074	0.0074	0.0074	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Aug	63.29	63.29	63.29	53.69	0.0072	0.0072	0.0072	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Sep	60.05	60.05	60.05	53.69	0.0065	0.0065	0.0065	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Oct	55.37	55.37	55.37	53.69	0.0056	0.0056	0.0056	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Nov	50.99	50.99	50.99	53.69	0.0048	0.0048	0.0048	130.0000			188.00	Option 5: A=12.101, B=8907
Distillate fuel oil no. 2	Dec	46.17	46.17	46.17	53.69	0.0041	0.0041	0.0041	130.0000			188.00	Option 5: A=12.101, B=8907

TANKS 4.0
Emissions Report - Detail Format
Detail Calculations (AP-42)

Month:	January	February	March	April	May	June	July	August	September	October	November	December
No Standing Losses: Underground Tank												
Working Losses (lb):	16.9267	17.4975	20.0156	23.2972	27.0858	30.8038	33.2163	32.6039	29.3252	25.0913	21.6338	18.3224
Vapor Molecular Weight (lb/lb-mole):	130.0000	130.0000	130.0000	130.0000	130.0000	130.0000	130.0000	130.0000	130.0000	130.0000	130.0000	130.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.0037	0.0039	0.0044	0.0052	0.0060	0.0068	0.0074	0.0072	0.0065	0.0056	0.0048	0.0041
Net Throughput (gal/mo.):	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083	1,459,061.083
	0	0	0	0	0	0	0	0	0	0	0	0
Annual Turnovers:	9.2151	9.2151	9.2151	9.2151	9.2151	9.2151	9.2151	9.2151	9.2151	9.2151	9.2151	9.2151
Turnover Factor:	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Tank Diameter (ft):	53.4000	53.4000	53.4000	53.4000	53.4000	53.4000	53.4000	53.4000	53.4000	53.4000	53.4000	53.4000
Working Loss Product Factor:	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total Losses (lb):	16.9267	17.4975	20.0156	23.2972	27.0858	30.8038	33.2163	32.6039	29.3252	25.0913	21.6338	18.3224

TANKS 4.0
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: January , February , March , April , May , June , July , August , September , October , November , December

Components	Losses(lbs)		Total Emissions
	Working Loss	Breathing Loss	
Distillate fuel oil no. 2	295.82	0.00	295.82

APPENDIX 15-B

ERC Certification Forms and DEC ERC Registry

Page 1 of ____
USE OF EMISSION REDUCTION CREDITS FORM

NOTE: This form must be completed and submitted by the offset user.

FACILITY USING THE EMISSION REDUCTION CREDITFacility name: Astoria Generating StationAddress: 18-01 20th Avenue, Astoria, NY 11105DEC ID#: 2630100185DEC Region: 2 Emission point ID#: A-S0001

(Boiler 20)

Facility location ID#: _____

Proposed project description: Construction of 6 Combined Cycle Electric Generating UnitsSignature of Authorized Representative: [Signature]Date: 02-06-01**FACILITY CREATING/OWNING THE EMISSION REDUCTION CREDIT**Facility name: Astoria Generating StationAddress: 18-01 20th Avenue, Astoria, NY 11105DEC ID#: 2630100185DEC Region: 2 Emission point ID#: A-S0001

(Boiler 20)

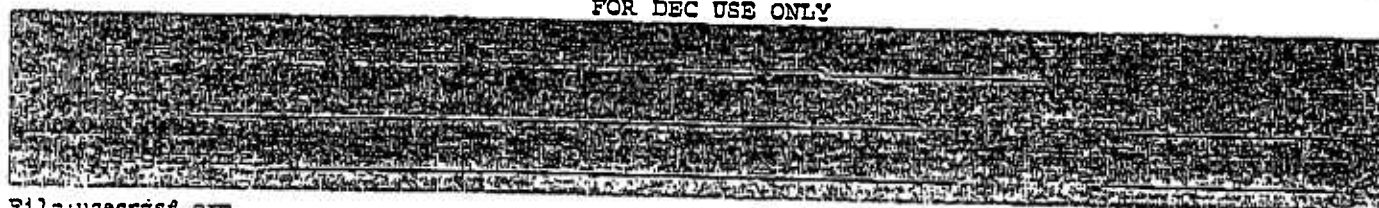
Facility location ID#: _____

Reduction mechanism: Shutdown of Existing UnitSignature of Authorized Representative: [Signature]Date: 02-06-01**AMOUNT OF ERC BEING USED**

(complete all that apply)

offsets _____ tpy	NO _x	netting _____ tpy	offsets _____ tpy	PM-10	netting _____ tpy
offsets _____ tpy	VOC	netting _____ tpy	offsets _____ tpy	CO	netting <u>2.0</u> tpy

FOR DEC USE ONLY





John P. Cahill
Commissioner

EMISSION REDUCTION CREDIT QUANTIFICATION FORM

Page 1

FACILITY CREATING AN EMISSION REDUCTION CREDIT (ERC)

Facility name: Astoria Generating Company, L.P.

Address: 18-01 20th Avenue, Astoria, NY 11105

DEC Region: 2 Emission unit ID#: A-S0001 DEC ID#: 2630100185
(Boiler. 20)

Description of reduction: Shutdown of Unit

Contact name: _____

Telephone #: _____

NOTE: The contact name and phone number will be entered in the Registry, and will be part of a listing of available ERC's which will be published periodically in Environmental Notice Bulletin (ENB).

FACILITY WITH A PROPOSED SOURCE PROJECT OR PROPOSED MAJOR FACILITY USING THE ERC (Complete this section only if the emission reduction is scheduled to occur in the future in support of a proposed source project or proposed major facility)

Facility name: Astoria Generating Company, L.P. DEC ID#: 2630100185

Address: 18-01 20th Avenue, Astoria, NY 11105

DEC Region: 2

I, Stephen B. Wood, certify that the information included herein is true to the best of my knowledge, information and belief.

Preparer's name: Stephen B. Wood

Title: Vice President, ESS

Signature: _____

Date: _____

FOR DEC USE ONLY

NOTICE: SOURCE CERTIFIED EMISSION REDUCTIONS MUST BE NOTICED IN THE ENB PER THE VMD ACT	DATE: _____
REVIEWER: _____	DATE: _____
APPROVER: _____	DATE: _____
SIGNATURE: _____	DATE: _____

3/29/97

Version 1.6

NOTE: THE APPLICANT MUST SUBMIT ALL SUPPORTING DOCUMENTATION REQUIRED BY PARAGRAPH 231-2.12 (a)(5) OF 6NYCRR SUBPART 231-2

W1. Emission reduction nonattainment contaminant (circle ALL that apply): (NO_x) (VOC) PM-10 (CO)

W2. Reduction date: 6/01/04

For a reduction which has physically occurred the reduction date is:

Date reduction physically occurred;

For a reduction which is scheduled to occur in the future in support of a Proposed Source Project (PSP) or Proposed Major Facility (PMF), the reduction date is:

Date reduction is scheduled to occur (this date must be prior to the PSP's or PMF's scheduled commencement of operation date).

NOTE: IF THE REDUCTION PHYSICALLY OCCURRED PRIOR TO 11/15/90, PLEASE STOP HERE. THIS EMISSION REDUCTION DOES NOT QUALIFY FOR CERTIFICATION AS AN ERC.

W3. Did the emission reduction physically occur? [Yes X No] If yes, continue. If no, go to line W7.

W4. Did the emission reduction physically occur prior to the effective date of Part 231 (10/15/94)? [Yes, No] If yes, continue. If no, go to line W6.

W5. Is the application requesting certification of the emission reduction being submitted within four years after the effective date of Part 231 (10/15/94)? [Yes, No]

If yes, then the baseline period is:

Two consecutive annual periods within a five annual period interval, immediately preceding the reduction date, which are shown to be representative and are acceptable to the Department

If no, then the baseline period is:

Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application requesting certification of the reduction is submitted, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: / / to / / then go to line W8 of page 3.

W6. Is the application requesting certification of the emission reduction being submitted within four years after the emission reduction physically occurred? [Yes, No]

If yes, then the baseline period is:

Two consecutive annual periods within a five annual period interval, immediately preceding the reduction date, which are shown to be representative and are acceptable to the Department

If no, then the baseline period is:

Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application requesting certification of the reduction is submitted, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: / / to / / then go to line W8 of page 3.

W7. For emission reductions scheduled to occur in the future in support of a PSP or PMF, the baseline period is:

Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application for a PSP or PMF is submitted, which uses the reduction, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: 1 / 1 / 99 to 12 / 31 / 00 then go to line W8 of page 3.

W8. Enter the prior actual annual emissions (see definition #25 in Subpart 231-2) for each applicable emission reduction contaminant in tons per year (TPY).

VOC= .19 NO_x= 4.96 PM-10= N/A CO= 2.90

W9. Enter the prior allowable annual emissions for each emission reduction contaminant in TPY (if no allowable emissions listed in regulation or special permit condition, use maximum emission rate at 8,760 hrs/yr).

VOC= 85 NO_x= 110 PM-10= N/A CO= 647

W10. Enter the lesser of prior actual annual emissions or prior allowable annual emissions in TPY.

VOC= .19 NO_x= 4.96 PM-10= N/A CO= 2.90

W11. Enter the future potential emissions (after control, 8760 hrs/yr., unless limited by federally enforceable permit conditions) for each emission reduction contaminant in TPY.

VOC= 0.0 NO_x= 0.0 PM-10= N/A CO= 0.0

W12. Enter the gross emission reduction for each emission reduction contaminant in TPY. (line W10 minus line W11)

VOC= .19 NO_x= 4.96 PM-10= N/A ** CO= 2.90 **

**For PM-10 and CO STOP HERE. The full amount of the ERC is available to the facility owner and may be sold, traded or otherwise used.

W13. Was there an applicable Reasonably Available Control Technology (RACT) requirement for VOC during the baseline period? [YES X NO] If yes, go to page 4. If no, go to line W14.

W14. Was there an applicable Reasonably Available Control Technology (RACT) requirement for NO_x during the baseline period? [X YES NO] If yes, go to page 5. If no, go to line W15.

W15. Has a Maximum Achievable Control Technology (MACT) schedule been noticed for the source category creating the ERC? [YES X NO] If yes, go to page 6. If no, go to page 7.

VOC RACT CALCULATIONS

VR1. State Register publication date (notice date) proposing VOC RACT requirement:...../ /

VR2. Compliance date for VOC RACT requirement:..... / /

VR3. Reduction date (from line W2 of page 2)..... / /

VR4. A. If the reduction date (line VR3) is earlier than the VOC RACT notice date (line VR1); THEN the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS**, is the gross emission reduction (line W12 of page 3):..... (Netting or Offsets) _____ (TPY)
Go to line VR5.

OR

B. If the reduction date (line VR3) is on or after VOC RACT notice date then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less:..... (TPY)
AND

Determine which ONE scenario (i, ii, or iii) applies to the emission reduction:

i. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line VR3) is on, or after the notice date (line VR1), BUT more than one annual period before the VOC RACT compliance date (line VR2), the amount of the reduction for this emission unit which can be established as an ERC for **NETTING** is: the gross emission reduction (line W12 of page 3):..... (Netting) _____ (TPY)

OR

the amount of the reduction for this emission unit which can be established as an ERC for **OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less (line VR4B), minus future potential emissions (line W11 of page 3):..... (Offsets) _____ (TPY)
Go to line VR5.

ii. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line VR3) is one annual period or less before the VOC RACT compliance date (line VR2), or after such date, the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:

Prior actual emissions, or allowable emissions reflecting applicable VOC RACT, whichever is less (line VR4B), minus future potential emissions (line W11 of page 3):..... (Netting or Offsets) _____ (TPY)
Go to line VR5.

iii. For VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line VR3) is on or after the VOC RACT notice date (line VR1), then the amount of reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less (line VR4B), minus future potential emissions (line W11 of page 3):... (Netting or Offsets) _____ (TPY)

VR5. Go to line W14 of page 3.

NO_x RACT CALCULATIONS

NR1. State Register publication date (notice date) proposing NO_x RACT requirement:..... 1 / 1

NR2. Compliance date for NO_x RACT requirement:..... 5 / 31 / 95

NR3. Reduction date (from line W2 of page 2)..... 5/01/04

NR4. A. If the reduction date (line NR3) is earlier than the NO_x RACT notice date (line NR1); THEN the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is the gross emission reduction (line W12 of page 3):..... (Netting or Offsets) _____ (TPY)
Go to line NR5.

OR

B. If the reduction date (line NR3) is on or after NO_x RACT notice date then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less:..... 4.96 (TPY)
AND

Determine which ONE scenario (i, ii, or iii) applies to the emission reduction:

i. Except for NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is on, or after the notice date (line NR1), BUT more than one annual period before the NO_x RACT compliance date (line NR2), the amount of the reduction for this emission unit which can be established as an ERC for **NETTING** is: the gross emission reduction (line W12 of page 3):..... (Netting) _____ (TPY)

OR

the amount of the reduction for this emission unit which can be established as an ERC for **OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3):..... (Offsets) _____ (TPY)
Go to line NR5.

ii. Except for NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is one annual period or less before the NO_x RACT compliance date (line NR2), or after such date, the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3) (Netting or Offsets) _____ (TPY)
Go to line NR5.

iii. For NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is on or after the NO_x RACT notice date (line NR1), then the amount of reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3):... (Netting or Offsets) 4.96 (TPY)

NR5. Go to line W15 of page 3.

MACT CALCULATIONS

M1. Federal Register publication date (MACT schedule notice date) for MACT requirement:..... / /

M2. Compliance date for MACT requirement:..... / /

M3. Reduction date (from line W2 of page 2)..... / /

- M4. A. If the reduction date (line M3) is earlier than the MACT schedule notice date (line M1);
the amount of the reduction for this emission unit which can be established as an ERC is either:
1. If there is NO applicable VOC RACT, then the gross emission reduction (line W12 of page 3) can be established as an ERC for EITHER NETTING OR OFFSETS:..... (Netting or Offsets) _____ (TPY)
 2. If there IS an applicable VOC RACT then use the ERC established on line VR4 of page 4:..... (TPY)
Go to line M5

OR

- B. If the reduction date (line M3) is on or after the MACT schedule notice date, then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable MACT, whichever is less:..... (TPY)
AND

Determine which ONE scenario (i, ii, or iii) applies to the emission reduction:

1. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is on or after the MACT schedule notice date (line M1), BUT more than one annual period before the MACT compliance date (line M2), the amount of the reduction for this emission unit which can be established as an ERC for NETTING is either:
 - a. If there is no applicable VOC RACT requirement or if there is an applicable VOC RACT requirement and the reduction date (line M3) is on or after the VOC RACT notice date (line VR1), BUT more than one annual period before the VOC RACT compliance date (line VR2), the gross emission reduction (line W12 of page 3) can be established as an ERC:..... (Netting) _____ (TPY)

OR

- b. If there is an applicable VOC RACT requirement and the reduction date (line M3) is one annual period or less before the VOC RACT compliance date (line VR2) or after such date, then use the ERC established on line VR4Bii of page 4:..... (Netting) _____ (TPY)

AND

the amount of the reduction for this emission unit which can be established as an ERC for OFFSETS is:
Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B) minus future potential emissions (line W11 of page 3): (Offsets) _____ (TPY)
Go to line M5

- ii. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is one annual period or less before the MACT compliance date (line M2), the amount of the reduction for this emission unit which can be established as an ERC for EITHER NETTING OR OFFSETS is: Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B), minus future potential emissions (line W11 of page 3) : (Netting or Offsets) _____ (TPY)
Go to line M5

- iii. For VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is on or after the MACT schedule notice date (line M1), the amount of the reduction for this emission unit which can be established as an ERC for EITHER NETTING OR OFFSETS is:
Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B), minus future potential emissions (line W11 of page 3): (Netting or Offsets) _____ (TPY)

M5. Go to page 7.

Page 1 of 1

USE OF EMISSION REDUCTION CREDITS FORM

NOTE: This form must be completed and submitted by the offset user.

FACILITY USING THE EMISSION REDUCTION CREDITFacility name: Astoria Generating StationAddress: 18-01 20th Avenue, Astoria, NY 11105DEC ID#: 2630100185DEC Region: 2 Emission point ID#: A-S0002 Facility location ID#: _____Proposed project description: Construction of 6 Combined Cycle Electric GeneratingSignature of Authorized Representative: [Signature] Date: 02-06-01 Unit: _____**FACILITY CREATING/OWNING THE EMISSION REDUCTION CREDIT**Facility name: Astoria Generating StationAddress: 18-01 20th Avenue, Astoria, NY 11105DEC ID#: 26301100185DEC Region: 2 Emission point ID#: A-S0002 Facility location ID#: _____
(Boiler 30)Reduction mechanism: Operating RestrictionSignature of Authorized Representative: [Signature] Date: 02-06-01**AMOUNT OF ERC BEING USED**

(complete all that apply)

offsets _____ tpy	NO _x	netting _____ tpy	offsets _____ tpy	PM-10	netting _____ tpy
offsets _____ tpy	VOC	netting _____ tpy	offsets _____ tpy	CO	netting <u>37</u> tpy

FOR DEC USE ONLY

Date of Permit Issuance for Facility Using ERC: _____
Name: _____ Region: _____
Signature: _____ Date: _____

File: usccrdsf.crm

Version 1.1

5/21/95



John P. Cahill
Commissioner

EMISSION REDUCTION CREDIT QUANTIFICATION FORM

Page 1

FACILITY CREATING AN EMISSION REDUCTION CREDIT (ERC)

Facility name: Astoria Generating Station

Address: 18-01 20th Avenue, Astoria, NY 11105

DEC Region: 2 Emission unit ID#: AS0002 DEC ID#: 2630100185
(Boiler 30)

Description of reduction: Operating Restriction

Contact name: _____ Telephone #: _____

NOTE: The contact name and phone number will be entered in the Registry, and will be part of a listing of available ERC's which will be published periodically in Environmental Notice Bulletin (ENB).

FACILITY WITH A PROPOSED SOURCE PROJECT OR PROPOSED MAJOR FACILITY USING THE ERC (Complete this section only if the emission reduction is scheduled to occur in the future in support of a proposed source project or proposed major facility)

Facility name: Astoria Generating Station DEC ID# 2630100185

Address: 18-01 20th Avenue, Astoria, NY 11105 DEC Region: 2

I, Stephen B. Wood, certify that the information included herein is true to the best of my knowledge, information and belief.

Preparer's name: Stephen B. Wood Title: Vice President, ESS

Signature: _____ Date: _____

FOR DEC USE ONLY

NOTE: TO BE CERTIFIED AN EMISSION REDUCTION MUST BE NOTICED IN THE ENB & PERMIT MOD ISSUED

VOC: _____ TPY NO: _____ TPY CO: _____ TPY PM-10: _____ TPY

ENB notice date: _____ Permit issuance date: _____

Reviewer's name: _____ DEC Region: _____

Signature: _____ Date: _____

3/20/97

Version 1.6

NOTE: THE APPLICANT MUST SUBMIT ALL SUPPORTING DOCUMENTATION REQUIRED BY PARAGRAPH 231-2.12 (a)(5) OF 6NYCRR SUBPART 231-2

- W1. Emission reduction nonattainment contaminant (circle ALL that apply): NO_x VOC PM-10 (CO)
- W2. Reduction date:..... 6 / 1 04
For a reduction which has physically occurred the reduction date is:
Date reduction physically occurred;
- For a reduction which is scheduled to occur in the future in support of a Proposed Source Project (PSP) or Proposed Major Facility (PMF), the reduction date is:
Date reduction is scheduled to occur (this date must be prior to the PSP's or PMF's scheduled commencement of operation date).

NOTE: IF THE REDUCTION PHYSICALLY OCCURRED PRIOR TO 11/15/90, PLEASE STOP HERE. THIS EMISSION REDUCTION DOES NOT QUALIFY FOR CERTIFICATION AS AN ERC.

- W3. Did the emission reduction physically occur? [☐ Yes, ☒ No] If yes, continue. If no, go to line W7.
- W4. Did the emission reduction physically occur prior to the effective date of Part 231 (10/15/94)? [☐ Yes, ☐ No] If yes, continue. If no, go to line W6.
- W5. Is the application requesting certification of the emission reduction being submitted within four years after the effective date of Part 231 (10/15/94)? [☐ Yes, ☐ No]
If yes, then the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the reduction date, which are shown to be representative and are acceptable to the Department
If no, then the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application requesting certification of the reduction is submitted, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: / / to / / then go to line W8 of page 3.

- W6. Is the application requesting certification of the emission reduction being submitted within four years after the emission reduction physically occurred? [☐ Yes, ☐ No]
If yes, then the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the reduction date, which are shown to be representative and are acceptable to the Department
If no, then the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application requesting certification of the reduction is submitted, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: 1 / 1 / 99 to 12 / 31 / 00 then go to line W8 of page 3.

- W7. For emission reductions scheduled to occur in the future in support of a PSP or PMF, the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application for a PSP or PMF is submitted, which uses the reduction, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: / / to / / then go to line W8 of page 3.

W8. Enter the prior actual annual emissions (see definition #25 in Subpart 231-2) for each applicable emission reduction contaminant in tons per year (TPY).

VOC=_____ NO_x=_____ PM-10=_____ CO=564

W9. Enter the prior allowable annual emissions for each emission reduction contaminant in TPY (if no allowable emissions listed in regulation or special permit condition, use maximum emission rate at 8,760 hrs/yr).

VOC=_____ NO_x=_____ PM-10=_____ CO=1437

W10. Enter the lesser of prior actual annual emissions or prior allowable annual emissions in TPY.

VOC=_____ NO_x=_____ PM-10=_____ CO=564

W11. Enter the future potential emissions (after control, 8760 hrs/yr, unless limited by federally enforceable permit conditions) for each emission reduction contaminant in TPY.

VOC=_____ NO_x=_____ PM-10=_____ CO=527

W12. Enter the gross emission reduction for each emission reduction contaminant in TPY. (line W10 minus line W11)

VOC=_____ NO_x=_____ PM-10=_____** CO=37**

For PM-10 and CO **STOP HERE. The full amount of the ERC is available to the facility owner and may be sold, traded or otherwise used.

W13. Was there an applicable Reasonably Available Control Technology (RACT) requirement for VOC during the baseline period? [YES NO] If yes, go to page 4. If no, go to line W14.

W14. Was there an applicable Reasonably Available Control Technology (RACT) requirement for NO_x during the baseline period? [YES NO] If yes, go to page 5. If no, go to line W15.

W15. Has a Maximum Achievable Control Technology (MACT) schedule been noticed for the source category creating the ERC?
[YES NO] If yes, go to page 6. If no, go to page 7.

VOC RACT CALCULATIONS

- VR1. State Register publication date (notice date) proposing VOC RACT requirement:....././
- VR2. Compliance date for VOC RACT requirement:....././
- VR3. Reduction date (from line W2 of page 2)....././
- VR4. A. If the reduction date (line VR3) is earlier than the VOC RACT notice date (line VR1); THEN the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS**, is the gross emission reduction (line W12 of page 3):..... (Netting or Offsets) _____(TPY)
Go to line VR5.

OR

- B. If the reduction date (line VR3) is on or after VOC RACT notice date then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less:..... (TPY)
AND
Determine which **ONE** scenario (i, ii, or iii) applies to the emission reduction:
- i. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line VR3) is on, or after the notice date (line VR1), BUT more than one annual period before the VOC RACT compliance date (line VR2), the amount of the reduction for this emission unit which can be established as an ERC for **NETTING** is: the gross emission reduction (line W12 of page 3):..... (Netting) _____(TPY)

OR

the amount of the reduction for this emission unit which can be established as an ERC for **OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less (line VR4B), minus future potential emissions (line W11 of page 3): (Offsets) _____(TPY)
Go to line VR5.

- ii. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line VR3) is one annual period or less before the VOC RACT compliance date (line VR2), or after such date, the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:
- Prior actual emissions, or allowable emissions reflecting applicable VOC RACT, whichever is less (line VR4B), minus future potential emissions (line W11 of page 3):..... (Netting or Offsets) _____(TPY)
Go to line VR5.
- iii. For VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line VR3) is on or after the VOC RACT notice date (line VR1), then the amount of reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:
- Prior actual annual emissions, or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less (line VR4B), minus future potential emissions (line W11 of page 3):...(Netting or Offsets) _____(TPY)

- VR5. Go to line W14 of page 3.

NO_x RACT CALCULATIONS

NR1. State Register publication date (notice date) proposing NO_x RACT requirement:...../.. /

NR2. Compliance date for NO_x RACT requirement:..... / /

NR3. Reduction date (from line W2 of page 2)..... / /

NR4. A. If the reduction date (line NR3) is earlier than the NO_x RACT notice date (line NR1); THEN the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS**, is the gross emission reduction (line W12 of page 3):..... (Netting or Offsets) _____(TPY)
Go to line NR5.

OR

B. If the reduction date (line NR3) is on or after NO_x RACT notice date then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less:..... (TPY)
AND

Determine which **ONE** scenario (i, ii, or iii) applies to the emission reduction:

i. Except for NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is on, or after the notice date (line NR1), BUT more than one annual period before the NO_x RACT compliance date (line NR2), the amount of the reduction for this emission unit which can be established as an ERC for **NETTING** is: the gross emission reduction (line W12 of page 3):..... (Netting) _____(TPY)

OR

the amount of the reduction for this emission unit which can be established as an ERC
for **OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3): (Offsets) _____(TPY)
Go to line NR5.

ii. Except for NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is one annual period or less before the NO_x RACT compliance date (line NR2), or after such date, the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3) (Netting or Offsets) _____(TPY)
Go to line NR5.

iii. For NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is on or after the NO_x RACT notice date (line NR1), then the amount of reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3):...(Netting or Offsets) _____(TPY)

NR5. Go to line W15 of page 3.

MACT CALCULATIONS

- M1. Federal Register publication date (MACT schedule notice date) for MACT requirement:..... / /
- M2. Compliance date for MACT requirement:..... / /
- M3. Reduction date (from line W2 of page 2)..... / /

- M4. A. If the reduction date (line M3) is earlier than the MACT schedule notice date (line M1);
 the amount of the reduction for this emission unit which can be established as an ERC is either:
1. If there is **NO** applicable VOC RACT, then the gross emission reduction (line W12 of page 3) can be established as an ERC for **EITHER NETTING OR OFFSETS**:..... (Netting or Offsets) _____(TPY)
 2. If there **IS** an applicable VOC RACT then use the ERC established on line VR4 of page 4:..... (TPY)
 Go to line M5

OR

- B. If the reduction date (line M3) is on or after the MACT schedule notice date, then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable MACT, whichever is less:..... (TPY)
AND
 Determine which **ONE** scenario (i, ii, or iii) applies to the emission reduction:

- i. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is on or after the MACT schedule notice date (line M1), **BUT more than** one annual period before the MACT compliance date (line M2), the amount of the reduction for this emission unit which can be established as an ERC for **NETTING** is either:
 - a. If there is no applicable VOC RACT requirement or if there is an applicable VOC RACT requirement and the reduction date (line M3) is on or after the VOC RACT notice date (line VR1), **BUT more than one** annual period before the VOC RACT compliance date (line VR2), the gross emission reduction (line W12 of page 3) can be established as an ERC:..... (Netting) _____(TPY)

OR

 - b. If there is an applicable VOC RACT requirement and the reduction date (line M3) is one annual period or less before the VOC RACT compliance date (line VR2) or after such date, then use the ERC established on line VR4Bii of page 4:..... (Netting) _____(TPY)

AND

the amount of the reduction for this emission unit which can be established as an ERC for **OFFSETS** is:
 Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B) minus future potential emissions (line W11 of page 3): (Offsets) _____(TPY)
 Go to line M5

- ii. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is one annual period or less before the MACT compliance date (line M2), the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is: Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B), minus future potential emissions (line W11 of page 3) : (Netting or Offsets) _____(TPY)
 Go to line M5
- iii. For VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is on or after the MACT schedule notice date (line M1), the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:
 Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B), minus future potential emissions (line W11 of page 3):..... (Netting or Offsets) _____(TPY)

- M5. Go to page 7.

ERC CREATION SUMMARY

- E1. Check ONE for NO_x, if applicable:
___ If there is no NO_x RACT requirement. Then transfer the ERC from line W12 of page 3.
___ If there is a NO_x RACT requirement. Then transfer the ERC from line NR4 of page 5.
NO_x NETTING=____(TPY) NO_x OFFSETS=____(TPY)
- Check ONE for VOC, if applicable:
___ If there is no VOC RACT or MACT requirement. Then transfer the ERC from line W12 of page 3
___ If there is a VOC RACT requirement but no MACT requirement. Then transfer the ERC from line VR4 of page 4
___ If there is no VOC RACT requirement but a MACT requirement. Then transfer the ERC from line M4 of page 6
___ If there is a VOC RACT and MACT requirement. Then transfer the ERC from line M4 of page 6
VOC NETTING=____(TPY) VOC OFFSETS=____(TPY)

DEC RETENTION OF EMISSION REDUCTION CREDITS FROM EMISSION REDUCTIONS OCCURRING IN AREAS DESIGNATED AS SEVERE OR MODERATE OZONE NONATTAINMENT ONLY

- E2. Did the reduction physically occur on or after 10/15/94? [YES NO] If yes, go to line E3. If no, none of the ERC is subject to retention. Transfer the available ERC from line E1 above and STOP HERE.
VOC (NETTING or OFFSETS) ____ (TPY) NO_x (NETTING or OFFSETS) ____ (TPY)
- E3. Is/Was the emission reduction the result of shutdown or curtailment? [YES NO] If yes, go to line E4. If no, none of the ERC is subject to retention. Transfer the available ERC from line E1 above and STOP HERE.
VOC (NETTING or OFFSETS) ____ (TPY) NO_x (NETTING or OFFSETS) ____ (TPY)
- E4. Is/Was the facility major at the time of reduction? [Re: Paragraph 231-2.1(b)(7)] [YES NO] If yes, go to line E5. If no, none of the ERC is subject to retention. Transfer the available ERC from line E1 above and STOP HERE.
VOC (NETTING or OFFSETS) ____ (TPY) NO_x (NETTING or OFFSETS) ____ (TPY)
- E5. Was any portion of the emissions now being reduced previously required to be offset? [Re: Paragraph 231-2.11(b)(7)] [YES NO]
- If yes,
the amount of the ERC which was offset (exempt): VOC ____ (TPY) NO_x ____ (TPY). STOP HERE.
the amount of the ERC which was not offset (non-exempt): VOC ____ (TPY) NO_x ____ (TPY). Go to line E6.

If no, go to line E6.

E6. CURTAILMENT

If the emission reduction is the result of curtailment [Re: Paragraph 231-2.1(b)(10)] and it is used at the same facility as part of a net emissions increase determination of non-applicability, an internal offset, or as an emission offset, then the ERC is exempt from retention. However, 25% will be retained for any portion of the ERC that is sold or traded to another facility, at the time of its use.

SHUTDOWN

If the emission reduction is the result of shutdown [Re: Paragraph 231-2.1(b)(33)] then 75% of the non-exempt ERC (line E5) is available to the facility owner and may be sold, traded or otherwise used. [0.75 x (the non-exempt ERC)]

VOC OFFSETS ____ (TPY) NO_x OFFSETS ____ (TPY)

The remaining 25% of the non-exempt ERC (line E5) will be retained by the Department for use in demonstrating compliance with the National Ambient Air Quality Standard for ozone in the severe and moderate ozone nonattainment areas. [0.25 x (the non-exempt ERC)]

VOC RETAINED ____ (TPY) NO_x RETAINED ____ (TPY)

Page 1 of 1
USE OF EMISSION REDUCTION CREDITS FORM

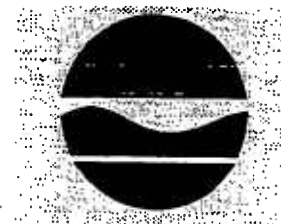
NOTE: This form must be completed and submitted by the offset user.

FACILITY USING THE EMISSION REDUCTION CREDITFacility name: Astoria Generating Station~~Address:~~ 18-01 20th Avenue, Astoria, NY 11105DEC ID#: 2630100185DEC Region: 2 Emission point ID#: A-S0004 Facility location ID#: (Boiler 50)Proposed project description: Construction of 6 Combined Cycle Electric Generating UnitsSignature of Authorized Representative: [Signature]Date: 02-06-01**FACILITY CREATING/OWNING THE EMISSION REDUCTION CREDIT**Facility name: Astoria Generating StationAddress: 18-01 20th Avenue, Astoria, NY 11105DEC ID#: 2630100185DEC Region: 2 Emission point ID#: A-S0004 Facility location ID#: (Boiler 50)Reduction mechanism: Shutdown of Existing UnitSignature of Authorized Representative: [Signature]Date: 02-06-01**AMOUNT OF ERC BEING USED**

(complete all that apply)

offsets <u>426.2</u> tpy	NOx	netting <u>530</u> tpy	offsets _____ tpy	FM-10	netting _____ tpy
offsets _____ tpy	VOC	netting <u>31</u> tpy	offsets _____ tpy	CO	netting <u>146</u> tpy

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John P. Cahill
Commissioner

EMISSION REDUCTION CREDIT QUANTIFICATION FORM

Page 1

FACILITY CREATING AN EMISSION REDUCTION CREDIT (ERC)

Facility name: Astoria Generating Company, L.P.

Address: 18-01 20th Avenue, Astoria, NY 11105

DEC Region: 2 Emission unit ID#: A-S0004 DEC ID#: 2630100185
(Boiler 50)

Description of reduction: Shutdown of A-S0004 (Boiler 50)

Contact name: _____ Telephone #: _____

NOTE: The contact name and phone number will be entered in the Registry, and will be part of a listing of available ERC's which will be published periodically in Environmental Notice Bulletin (ENB).

FACILITY WITH A PROPOSED SOURCE PROJECT OR PROPOSED MAJOR FACILITY USING THE ERC (Complete this section only if the emission reduction is scheduled to occur in the future in support of a proposed source project or proposed major facility)

Facility name: Astoria Generating Company, L.P. DEC ID#: 2630100185

Address: 18-01 20th Avenue, Astoria, NY 11105 DEC Region: 2

I, Stephen B. Wood, certify that the information included herein is true to the best of my knowledge, information and belief.

Preparer's name: Stephen B. Wood Title: Vice President, ESS

Signature: _____ Date: _____

FOR DEC USE ONLY

NOTE: TO BE CERTIFIED, AN EMISSION REDUCTION MUST BE NOTICED IN THE ENB & PERMIT MODIFIED			
MOG	TPY	NO	TPY
CO	TPY	PM	TPY
ENB notice date	Permit issuance date	DEC Region	Signature
Reviewer's name	Date		

3/20/97

Version 1.6

NOTE: THE APPLICANT MUST SUBMIT ALL SUPPORTING DOCUMENTATION REQUIRED BY PARAGRAPH 231-2.12 (a)(5) OF 6NYCRR SUBPART 231-2

- W1. Emission reduction nonattainment contaminant (circle ALL that apply): (NO_x) (VOC) PM-10 (CO)
- W2. Reduction date:..... 6/01/04
For a reduction which has physically occurred the reduction date is:.....
Date reduction physically occurred;

For a reduction which is scheduled to occur in the future in support of a Proposed Source Project (PSP) or Proposed Major Facility (PMF), the reduction date is:
Date reduction is scheduled to occur (this date must be prior to the PSP's or PMF's scheduled commencement of operation date).

NOTE: IF THE REDUCTION PHYSICALLY OCCURRED PRIOR TO 11/15/90, PLEASE STOP HERE. THIS EMISSION REDUCTION DOES NOT QUALIFY FOR CERTIFICATION AS AN ERC.

- W3. Did the emission reduction physically occur? [YesX_No] If yes, continue. If no, go to line W7.
- W4. Did the emission reduction physically occur prior to the effective date of Part 231 (10/15/94)? [Yes, No] If yes, continue. If no, go to line W6.
- W5. Is the application requesting certification of the emission reduction being submitted within four years after the effective date of Part 231 (10/15/94)? [Yes, No]
If yes, then the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the reduction date, which are shown to be representative and are acceptable to the Department
If no, then the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application requesting certification of the reduction is submitted, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: / / to / / then go to line W8 of page 3.

- W6. Is the application requesting certification of the emission reduction being submitted within four years after the emission reduction physically occurred? [Yes, No]
If yes, then the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the reduction date, which are shown to be representative and are acceptable to the Department
If no, then the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application requesting certification of the reduction is submitted, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: / / to / / then go to line W8 of page 3.

- W7. For emission reductions scheduled to occur in the future in support of a PSP or PMF, the baseline period is:
Two consecutive annual periods within a five annual period interval, immediately preceding the date the permit application for a PSP or PMF is submitted, which uses the reduction, which are shown to be representative and are acceptable to the Department

Fill in the baseline period: 1 / 1 / 99 to 12 / 31 / 00 then go to line W8 of page 3.

W8. Enter the prior actual annual emissions (see definition #25 in Subpart 231-2) for each applicable emission reduction contaminant in tons per year (TPY).

VOC= 31 (50) NO_x= 1098 (50) PM-10= N/A CO= 146 (50)

W9. Enter the prior allowable annual emissions for each emission reduction contaminant in TPY (if no allowable emissions listed in regulation or special permit condition, use maximum emission rate at 8,760 hrs/yr).

VOC= 193 (50) NO_x= 4842 (50) PM-10= N/A CO= 1477 (50)

W10. Enter the lesser of prior actual annual emissions or prior allowable annual emissions in TPY.

VOC= 31 (50) NO_x= 1098 (50) PM-10= N/A CO= 146 (50)

W11. Enter the future potential emissions (after control, 8760 hrs/yr, unless limited by federally enforceable permit conditions) for each emission reduction contaminant in TPY.

VOC= 0.0 NO_x= 0.0 PM-10= N/A CO= 0.0

W12. Enter the gross emission reduction for each emission reduction contaminant in TPY. (line W10 minus line W11)

VOC= 31 NO_x= 1098 PM-10= N/A ** CO= 146 **

**For PM-10 and CO STOP HERE. The full amount of the ERC is available to the facility owner and may be sold, traded or otherwise used.

W13. Was there an applicable Reasonably Available Control Technology (RACT) requirement for VOC during the baseline period? [YES X NO] If ves, go to page 4. If no, go to line W14.

W14. Was there an applicable Reasonably Available Control Technology (RACT) requirement for NO_x during the baseline period? [X YES NO] If ves, go to page 5. If no, go to line W15.

W15. Has a Maximum Achievable Control Technology (MACT) schedule been noticed for the source category creating the ERC?
[YES X NO] If ves, go to page 6. If no, go to page 7.

VOC RACT CALCULATIONS

- VR1. State Register publication date (notice date) proposing VOC RACT requirement:...../ /
- VR2. Compliance date for VOC RACT requirement:..... / /
- VR3. Reduction date (from line W2 of page 2)..... / /
- VR4. A. If the reduction date (line VR3) is earlier than the VOC RACT notice date (line VR1); THEN the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS**, is the gross emission reduction (line W12 of page 3):..... (Netting or Offsets) _____(TPY)
Go to line VR5.

OR

- B. If the reduction date (line VR3) is on or after VOC RACT notice date then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less:.....(TPY)
AND
Determine which ONE scenario (i, ii, or iii) applies to the emission reduction:

- i. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line VR3) is on, or after the notice date (line VR1), BUT more than one annual period before the VOC RACT compliance date (line VR2), the amount of the reduction for this emission unit which can be established as an ERC for **NETTING** is: the gross emission reduction (line W12 of page 3):..... (Netting) _____(TPY)

OR

the amount of the reduction for this emission unit which can be established as an ERC
for **OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less (line VR4B), minus future potential emissions (line W11 of page 3): (Offsets) _____(TPY)
Go to line VR5.

- ii. Except for VOC in the severe/moderate ozone nonattainment areas,
if the reduction date (line VR3) is one annual period or less before the
VOC RACT compliance date (line VR2), or after such date, the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:

Prior actual emissions, or allowable emissions reflecting applicable VOC RACT, whichever is less
(line VR4B), minus future potential emissions (line W11 of page 3):..... (Netting or Offsets) _____(TPY)
Go to line VR5.

- iii. For VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line VR3) is on or after the VOC RACT notice date (line VR1), then the amount of reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable VOC RACT, whichever is less (line VR4B), minus future potential emissions (line W11 of page 3):...(Netting or Offsets) _____(TPY)

- VR5. Go to line W14 of page 3.

NO_x RACT CALCULATIONS

- NR1. State Register publication date (notice date) proposing NO_x RACT requirement:...../.../
- NR2. Compliance date for NO_x RACT requirement:..... 5/31/95
- NR3. Reduction date (from line W2 of page 2)..... 5/01/04
- NR4. A. If the reduction date (line NR3) is earlier than the NO_x RACT notice date (line NR1); THEN the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS**, is the gross emission reduction (line W12 of page 3):..... (Netting or Offsets) _____ (TPY)
Go to line NR5.

OR

- B. If the reduction date (line NR3) is on or after NO_x RACT notice date then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less:.....(50) 1098 (TPY)
AND

Determine which ONE scenario (i, ii, or iii) applies to the emission reduction:

- i. Except for NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is on, or after the notice date (line NR1), BUT more than one annual period before the NO_x RACT compliance date (line NR2), the amount of the reduction for this emission unit which can be established as an ERC for **NETTING** is: the gross emission reduction (line W12 of page 3):..... (Netting) _____ (TPY)

OR

the amount of the reduction for this emission unit which can be established as an ERC
for **OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3): (Offsets) _____ (TPY)
Go to line NR5.

- ii. Except for NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is one annual period or less before the NO_x RACT compliance date (line NR2), or after such date, the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3) (Netting or Offsets) _____ (TPY)
Go to line NR5.

- iii. For NO_x in the severe/moderate ozone nonattainment areas, if the reduction date (line NR3) is on or after the NO_x RACT notice date (line NR1), then the amount of reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is

Prior actual annual emissions, or prior allowable annual emissions reflecting applicable NO_x RACT, whichever is less (line NR4B), minus future potential emissions (line W11 of page 3):... (Netting or Offsets) 1098 (TPY) (50)

NR5. Go to line W15 of page 3.

MACT CALCULATIONS

- M1. Federal Register publication date (MACT schedule notice date) for MACT requirement:..... / /
- M2. Compliance date for MACT requirement:..... / /
- M3. Reduction date (from line W2 of page 2)..... / /

- M4. A. If the reduction date (line M3) is earlier than the MACT schedule notice date (line M1);
the amount of the reduction for this emission unit which can be established as an ERC is either:
1. If there is **NO** applicable VOC RACT, then the gross emission reduction (line W12 of page 3) can be established as an ERC for **EITHER NETTING OR OFFSETS**:..... (Netting or Offsets) _____ (TPY)
 2. If there **IS** an applicable VOC RACT then use the ERC established on line VR4 of page 4:..... (TPY)
Go to line M5

OR

- B. If the reduction date (line M3) is on or after the MACT schedule notice date, then determine prior actual annual emissions or prior allowable annual emissions reflecting applicable MACT, whichever is less:..... (TPY)
AND

Determine which **ONE** scenario (i, ii, or iii) applies to the emission reduction:

- i. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is on or after the MACT schedule notice date (line M1), **BUT more than** one annual period before the MACT compliance date (line M2), the amount of the reduction for this emission unit which can be established as an ERC for **NETTING** is either:
 - a. If there is no applicable VOC RACT requirement or if there is an applicable VOC RACT requirement and the reduction date (line M3) is on or after the VOC RACT notice date (line VR1), **BUT more than** one annual period before the VOC RACT compliance date (line VR2), the gross emission reduction (line W12 of page 3) can be established as an ERC:..... (Netting) _____ (TPY)
 - OR
 - b. If there is an applicable VOC RACT requirement and the reduction date (line M3) is one annual period or less before the VOC RACT compliance date (line VR2) or after such date, then use the ERC established on line VR4Bii of page 4:..... (Netting) _____ (TPY)

AND

the amount of the reduction for this emission unit which can be established as an ERC for **OFFSETS** is:
Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B) minus future potential emissions (line W11 of page 3): (Offsets) _____ (TPY)
Go to line M5

- ii. Except for VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is one annual period or less before the MACT compliance date (line M2), the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is: Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B), minus future potential emissions (line W11 of page 3) : (Netting or Offsets) _____ (TPY)
Go to line M5
- iii. For VOC in the severe/moderate ozone nonattainment areas, if the reduction date (line M3) is on or after the MACT schedule notice date (line M1), the amount of the reduction for this emission unit which can be established as an ERC for **EITHER NETTING OR OFFSETS** is:
Prior actual annual emissions, or prior allowable annual emissions reflecting applicable MACT, whichever is less (line M4B), minus future potential emissions (line W11 of page 3):..... (Netting or Offsets) _____ (TPY)

- M5. Go to page 7.

ERC CREATION SUMMARY

- E1. Check ONE for NO_x, if applicable:
___ If there is no NO_x RACT requirement. Then transfer the ERC from line W12 of page 3.
X If there is a NO_x RACT requirement. Then transfer the ERC from line NR4 of page 5.
NO_x NETTING = 530 (TPY) NO_x OFFSETS = 568.3 (TPY)
- Check ONE for VOC, if applicable:
X If there is no VOC RACT or MACT requirement. Then transfer the ERC from line W12 of page 3
___ If there is a VOC RACT requirement but no MACT requirement. Then transfer the ERC from line VR4 of page 4
___ If there is no VOC RACT requirement but a MACT requirement. Then transfer the ERC from line M4 of page 6
___ If there is a VOC RACT and MACT requirement. Then transfer the ERC from line M4 of page 6
VOC NETTING = 31.0 (TPY) VOC OFFSETS = _____ (TPY)

DEC RETENTION OF EMISSION REDUCTION CREDITS FROM EMISSION REDUCTIONS OCCURRING IN AREAS DESIGNATED AS SEVERE OR MODERATE OZONE NONATTAINMENT ONLY

- E2. Did the reduction physically occur on or after 10/15/94? [X YES ___ NO] If yes, go to line E3. If no, none of the ERC is subject to retention. Transfer the available ERC from line E1 above and STOP HERE.
VOC (NETTING or OFFSETS) _____ (TPY) NO_x (NETTING or OFFSETS) _____ (TPY)
- E3. Is/Was the emission reduction the result of shutdown or curtailment? [X YES ___ NO] If yes, go to line E4. If no, none of the ERC is subject to retention. Transfer the available ERC from line E1 above and STOP HERE.
VOC (NETTING or OFFSETS) _____ (TPY) NO_x (NETTING or OFFSETS) _____ (TPY)
- E4. Is/Was the facility major at the time of reduction? [Re: Paragraph 231-2.1(b)(7)] [X YES ___ NO] If yes, go to line E5. If no, none of the ERC is subject to retention. Transfer the available ERC from line E1 above and STOP HERE.
VOC (NETTING or OFFSETS) _____ (TPY) NO_x (NETTING or OFFSETS) _____ (TPY)
- E5. Was any portion of the emissions now being reduced previously required to be offset? [Re: Paragraph 231-2.11(b)(7)]
[___ YES X NO]
- If yes,
the amount of the ERC which was offset (exempt): VOC _____ (TPY) NO_x _____ (TPY). STOP HERE.
the amount of the ERC which was not offset (non-exempt): VOC _____ (TPY) NO_x _____ (TPY). Go to line E6.
- If no, go to line E6.

E6. CURTAILMENT

If the emission reduction is the result of curtailment [Re: Paragraph 231-2.1(b)(10)] and it is used at the same facility as part of a net emissions increase determination of non-applicability, an internal offset, or as an emission offset, then the ERC is exempt from retention. However, 25% will be retained for any portion of the ERC that is sold or traded to another facility, at the time of its use.

SHUTDOWN

If the emission reduction is the result of shutdown [Re: Paragraph 231-2.1(b)(33)] then 75% of the non-exempt ERC (line E5) is available to the facility owner and may be sold, traded or otherwise used. $[0.75 \times (\text{the non-exempt ERC})]$
VOC OFFSETS _____ (TPY) NO_x OFFSETS 426.2 (TPY)

The remaining 25% of the non-exempt ERC (line E5) will be retained by the Department for use in demonstrating compliance with the National Ambient Air Quality Standard for ozone in the severe and moderate ozone nonattainment areas. $[0.25 \times (\text{the non-exempt ERC})]$

VOC RETAINED _____ (TPY) NO_x RETAINED 142.0 (TPY)

New York State Department of Environmental Conservation Emission Reduction Credits (ERCs) Registry

Pursuant to the New York State Clean Air Compliance Act and 6NYCRR Subpart 231-2, Notice is hereby given of the following listing of ERCs, registered by the NYSDEC, which are available for offsets as of **January 31, 2001**.
Contact: ERC Unit, NYS DEC, 50 Wolf Road, Room 108, Albany NY 12233-3254, 518-457-7688

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
VOC 1	8.80 Severe Ozone	Lawson Mardon Label 1-2822-00385	Mr. Gliganic 516-775-8000	Emission point(s) shutdown
VOC 1	84.94 Severe Ozone	Northville E.Setauket Termin. 1-4722-01658	Mr. Maus 516-753-4364	Emission point(s) shutdown
VOC 1	8.4 Severe Ozone	FiberMark/Arcon Coating 1-2820-01862	Mr. Kraft 215-536-4000	Emis.pt(s) shutdown 2.8 tpy DEC retained
VOC 1	5.325 Severe Ozone	Marglo Pack. Corp. 1-2824-00898	Mr.Glassman 718-649-2800	Emis.pt(s) shutdown 1.775tpy DEC retain
VOC 1	42.55 Severe Ozone	Northrop Grumman Corp. 1-2824-00112	Mr. Cofman 516-575-4680	Emis.pt(s) shutdown 3.8tpy DEC retain
VOC 1	7.00 Severe Ozone	TRW INC.,Steering Wheel Systems, 1-4722-00898	Mr. Ferrentino 518-465-1010	Facility shutdown
VOC 2	7.42 Severe Ozone	Consolidated Edison 2-6202-00032	Mr. Mormile 212-460-6275	Emission point(s) shutdown
VOC 2	11.87 Severe Ozone	Consolidated Edison 2-6301-00006	Mr. Mormile 212-460-6275	Emission point(s) shutdown
VOC 2	1.00 Severe Ozone	Hershey RHC, Inc. 2-6304-00481	Mr. Ferrentino 518-465-1010	Emission point(s) shutdown
VOC 2	0.60 Severe Ozone	P&G Port Ivory Plant 2-6401-00004	Ms. Clancy 973-690-3487	Emission point(s) shutdown

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
VOC 2	69.22 Severe Ozone	Betts Ave. Municipal Incin. 2-6304-00093	Mr. Bekowies 212-837-8383	Facility shutdown
VOC 2	47.14 Severe Ozone	Greenpoint Municipal Incin. 2-6101-00022	Mr. Bekowies 212-837-8383	Facility shutdown
VOC 2	149.00 Severe Ozone	SW Brooklyn Mun. Incin. 2-6106-00002	Mr. Beckowies 212-837-8383	Emission point(s) shutdown
VOC 2	2.43 Severe Ozone	Con Ed.- Waterside 2-6206-00038	Mr. Homyk 212-460-3968	Emission point(s) shutdown
VOC 3	69.00 Moderate Ozone	Genpak Corp.-Middletwn 3-3309-00064	Mr. Postulka 518-798-9511	Source Reduction
VOC 3	5.60 Moderate Ozone	Harlem Valley Psyc. Cntr. 3-1326-00023	Mr. Bard 518-473-5823	Source Reduction
VOC 3	11.85 Severe Ozone	General Motors Corp. 3-5534-00104	Mr. Pordon 313-556-0791	178.58 tpy DEC rtnd 100 tpy commtd to Vulcraft of NY, INC 258.76 tpy trnsfr. to PG & E Engy trad.
VOC 3	2.44 Moderate Ozone	IBM-Poughkeepsy Fac. 3-1346-00035	Mr. Brannen 914-433-1509	Emission points shutdown
VOC 4	1.161 Marginal Ozone	Schenectady Int. Inc. 4-4228-00056	Mr. Windish 518-370-4200	Emission points shutdown
VOC 4	0.13 Marginal Ozone	Schenectady Int. Inc. 4-4215-00032	Mr. Windish 518-370-4200	Source red./Emiss. pnts. shutdown
VOC 4	00.00 Marginal Ozone	PG&E Energy Trading	Mr. Arcone 301-280-6607	41.10 tpy committed to Athens Gen. Fac.

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
VOC 4	107.00 Marginal Ozone	Glens Falls Lehigh Portland Cement Co 4-1926-00001	Mr. Matz 610-366-4752	Emission points shutdown
VOC 5	00.00 Ozone Transport Region	Karg Brothers 5-1708-00012	Mr. Wood 607-762-7016	30.68 tpy commtd to Vulcraft of NY, INC
VOC 5	536.97 Marginal Ozone	Universal Packaging Corp. 5-4115-00004	Mr. Spencer 847-223-8188	Facility shutdown
VOC 5	00.35 Ozone Transport Reg.	Tenneco Packaging 5-0942-00014	Mr. Fosher 518-561-4880	Emission point shutdown
VOC 5	00.34 Marginal Ozone	Mohawk Paper Mills, Inc. 5-4154-00003	Mr. Milner 518-237-1740	Emission point(s) shutdown
VOC 5	13.40 Ozone Transport Reg.	Mallinckrodt Anesthesiology 5-5320-00006	Ms. Zeigler 314-654-6347	Emission point shutdown
VOC 5	00.00 Ozone Transport Reg.	General Elect.- Ft. Edward 5-5330-00009	Mr. West 518-746-5560	31.48 tpy commtd to Vulcraft of NY, INC
VOC 7	0.337 Ozone Transport Region	Anitec Image Corp. 7-0302-00064	Mr. Markle 607-774-3375	114.02 tpy commtd. To Athens Gen. Fac.
VOC 7	3.02 Ozone Transport Region	Lockheed Martin Corp. 7-3132-00010	Mr. Maciel 315-456-1714	Emission point(s) shutdown
VOC 7	00.00 Ozone Transport Region	Binghamton Cogen. Plant 7-0302-00079	Mr. Potts 609-625-7699	19.00 tpy committed to Athens Gen. Fac.
VOC 7	25.00 Ozone Transport Region	Kodak Polychrome Graph. Co. 7-0302-00064	Mr. Badger 201-531-5802	Facility shutdown
VOC 8	3.50 Ozone Transport Region	Erdle Perforating Co. 8-2626-00047	Mr. Rick 716-247-4700	Emission point(s) shutdown
VOC 8	60.20 Ozone Transport Region	Eastman Kodak Co. 8-2614-00205	Ms. Karatas 716-477-5992	Emission point(s) shutdown

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
VOC 8	1.60 Ozone Transport Region	NYSOMH -Roch. Psy. Ctr. 8-2614-00341	Mr. Bard 518-473-5823	Emission point(s) shutdown
VOC 8	00.00 Ozone Transport Region	ITT Automotive Inc. 8-2614-00192	Mr. Johnson 716-277-3534	18.89 tpy commtd to Vulcraft of NY, INC
VOC 8	9.40 Ozone Transport Region	Eastman Kodak Co. 8-2626-00017	Mr. Spiegel 716-726-2038	Emission point(s) shutdown
VOC 8	39.60 Ozone Transport Region	Eastman Kodak Co. 8-2626-00017	Ms. Karatas 716-477-5992	Source Reduction
VOC 8	1.58 Ozone Transport Region	E I Dupont Co.-Driving Pk. 8-2614-00197	Mr. Olson 716-879-4662	Emission point(s) shutdown
VOC 8	00.00 Ozone Transport Region	Imation Enterprises Corp. 8-2614-00057	Mr. Metzger 612-704-5461	56.71 tpy committed to Athens Gen. Fac.
VOC 8	1.90 Ozone Transport Region	Eastman Kodak Co. 8-2614-00205	Ms. Karatas 716-477-5992	Emission point(s) shutdown
VOC 9	16.00 Ozone Transport Region	Weber Knapp Co. 9-0608-00087	Mr. Monsen 716-484-9135	Emission point(s) shutdown
VOC 9	0.00 Ozone Transport Reg	Dowcraft Corp. 9-0638-00018	Gene Sadowski 716-665-6210	9.05 tpy committed to Athens Gen. Fac.
VOC 9	43.80 Marginal Ozone	Delphi Harrison Th. Sys. 9-2909-00018	Ms. Harper 716-439-2955	Emission point(s) shut down
VOC 9	47.60 Marginal Ozone	Delphi Harrison Th. Sys. 9-2909-00018	Ms. Harper 716-439-2955	Source Reduction
VOC 9	175.70 Ozone Transport Reg	Bush Industries Inc. 9-0454-00001	Mr. Newman 716-665-2000	Source Reduction

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
VOC 9	74.12 Ozone Transport Reg	CWM Chemical serv.Inc. 9-2934-00022	Mr. Hino 716-754-0278	Emission Point(s) shutdown
VOC 9	41.40 Ozone Transport Reg	Valeo Engine cooling Inc. 9-0608-00017	Mr. Anderson 716-665-2620	Emission Point(s) shutdown
VOC 9	88.30 Marginal Ozone	Occidental Chemical Corp. 9-2912-00041	Ms. Desmukh 972-404-3217	Facility shutdown
VOC 9	7.50 Marginal Ozone	The Colad Group, Inc. 9-1402-00009	Mr. Pelz 716-849-1776	35.00 tpy committed to Athens Gen. Fac.
VOC 9	42.00 Marginal Ozone	Flexotransparent, Inc. 9-1402-00574	Mr. Mabry 716-825-7710	Overcontrol
VOC 9	157.00 Marginal Ozone	Dunlop Tire Corporation 9-1464-00030	Mr. Pyanowski 716-879-8274	Emission point(s) shut down
NO _x 1	20.50 Severe Ozone	MarketSpan Gen. LLC. 1-4722-00107	Mr. Teetz 516-391-6133	189.50 tpy used by BklynNavyyardCogen
NO _x 1	663.80 Severe Ozone	MarketSpan Gen. LLC. 1-2822-00481	Mr. Teetz 516-391-6133	Fuel Switch
NO _x 1	6.24 Severe Ozone	Zapco Energy Tactics Corp. 1-2820-02479	Mr. Antignano 516-563-6336	Emis.pt(s) shutdown 2.06 tpy DEC
NO _x 1	64.80 Severe Ozone	Zapco Energy Tactics Corp. 1-2824-00077	Mr. Antignano 516-563-6336	Emission point(s) shutdown
NO _x 1	10.30 Severe Ozone	Central Islip Psyc. Cntr. 1-4728-00244	Mr. Bard 518-473-5823	Source Reduction

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
NO _x 1	12.02 Severe Ozone	Zapco Energy Tactics Corp. 1-2820-00951	Mr. Antignano 516-563-6336	Emission point(s) shutdown 4.01 tpy retained by DEC
NO _x 1	00.00 Severe Ozone	Env. Waste Incin., Inc. 1-2809-00088	Mr. Walker 215-766-7230	Facility shutdown 38.25 tpy retained by DEC
NO _x 1	5.70 Severe Ozone	TRW INC.,Steering Wheel Systems, 1-4722-00898	Mr. Ferrentino 518-465-1010	Facility shutdown 1.9 tpy DEC retain
NO _x 2	1505.12 Severe Ozone	Consolidated Edison 2-6301-00006	Mr. Mormile 212-460-6275	Emission point(s) shutdown
NO _x 2	316.30 Severe Ozone	Consolidated Edison 2-6202-00032	Mr. Mormile 212-460-6275	Emission point(s) shutdown
NO _x 2	202.90 Severe Ozone	P&G Port Ivory Plant 2-6401-00004	Ms. Clancy 973-690-3487	Emission point(s) shutdown
NO _x 2	300.24 Severe Ozone	Betts Ave. Municipal Incin. 2-6304-00093	Mr. Bekowies 212-837-8383	Facility shutdown
NO _x 2	120.04 Severe Ozone	Greenpoint Municipal Incin. 2-6101-00022	Mr. Bekowies 212-837-8383	Facility shutdown
NO _x 2	189.00 Severe Ozone	SW Brooklyn Mun. Incin. 2-6106-00002	Mr. Beckowies 212-837-8383	Emission point(s) shutdown
NO _x 2	126.22 Severe Ozone	Con Ed.- Waterside 2-6206-00038	Mr. Homyk 212-460-3968	Emission point(s) shutdown
NO _x 3	42.00 Moderate Ozone	Harlem Valley Psyc. Cntr. 3-1326-00023	Mr. Bard 518-473-5823	Source Reduction /Facility shutdown
NO _x 3	2.93 Moderate Ozone	Wyeth-Ayerst/Lederle 3-3924-00025	Mr. Kontaxis 914-732-2500	Emission point shutdown

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
NO _x 3	0.052 Moderate Ozone	IBM-Poughkeepsy Fac. 3-1346-00035	Mr. Brannen 914-433-1509	Emission points shutdown
NO _x 3	13.10 Moderate Ozone	Hudson River Psyc. Cntr. 3-1346-00030	Mr. Bard 518-473-5823	Source Reduction
NO _x 4	00.59 Marginal Ozone	Cibro Pet. Prod. Inc. 4-0101-00070	Mr. Harvey 518-761-0750	67.81 tpy used by Guardian Glass
NO _x 4	2.10 Marginal Ozone	Schenectady Int. Inc. 4-4228-00056	Mr. Windish 518-370-4200	Emission points shutdown
NO _x 4	127.60 Marginal Ozone	Colonie Cogen 4-0126-00139	Mr. Lemmon 609-720-2932	Emission points shutdown
NO _x 4	2003.00 Marginal Ozone	Glens Falls Lehigh Portland Cement Co 4-1926-00001	Mr. Matz 610-366-4752	Emission points shutdown
NO _x 5	20.63 Ozone Transport Region	Peckham Materials Corp. 5-5344-00009	Mr. Yaremko 914-949-2000	Emission point(s) shutdown
NO _x 5	142.87 Ozone Transport Reg.	Georgia Pacific Corp. 5-0913-00004	Mr. Frenia 518-562-6490	Emission point(s) shutdown
NO _x 5	59.20 Marginal Ozone	General Electric Silicone 5-4154-00002	Ms. Arisman 518-233-3540	Emission point(s) shutdown
NO _x 5	56.36 Ozone Transport Reg.	Tenneco Packaging 5-0942-00014	Mr. Fosher 518-561-4880	Emission point(s) shutdown
NO _x 5	61.50 Marginal Ozone	Mohawk Paper Mills, Inc. 5-4154-00003	Mr. Milner 518-237-1740	Emission point(s) shutdown
NO _x 6	27.00 Ozone Transport Region	Mohawk Valley Psych Cntr. 6-3016-00138	Mr. Bard 518-473-5823	.
NO _x 6	50.10 Ozone Transport Reg.	Magan-Racine Facility 6-4022-00021	Mr. Megan	176 tpy committed to OSB Chateaugay

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
NO _x 7	134.00 Ozone Transport Region	Anitec Image Corp. 7-0302-00064	Mr. Markle 607-774-3375	Emission point(s) shutdown
NO _x 7	297.00 Ozone Transport Region	NiMo Power Corp. 7-3512-00030	Mr. Miakisz 315-428-6614	233tpy used by Corning Inc.
NO _x 7	000.00 Ozone Transport Region	Fibertek Energy Fac. 7-3132-00052	Mr. Schintzius 315-487-4346	560 tpy committed to Athens Gen. Fac.
NO _x 8	00.00 Ozone Transport Reg	SUNY - Brockport 8-2652-00024	Ms. Boyle 518-443-5146	24.00 tpy committed to Guardian Glass
NO _x 8	64.00 Ozone Transport Reg	NYSEG-Hickling Gen. Stn. 8-4638-00011	Mr. Wood 607-762-7016	136 tpy used by Guardian Glass
NO _x 8	14.70 Ozone Transport Region	E I Dupont Co.-Driving Pk. 8-2614-00197	Mr. Olson 716-879-4662	Emission point(s) shutdown
NO _x 8	159.20 Ozone Transport Region	University of Rochester 8-2699-00059	Mr. Stillman 716-275-2056	source reduction
NO _x 9	00.00 Marginal Ozone	NYSOMRDD-W. Seneca DC 9-1468-00025	Mr. Whitney 518-474-2400	1.00 tpy committed to Guardian Glass
NO _x 9	5.00 Marginal Ozone	Delphi Harrison Th. Sys. 9-1402-00286	Ms. Harper 716-439-2955	Emission point(s) shutdown
NO _x 9	99.00 Marginal Ozone	GM Powertrain-Tonawanda 9-1464-00048	Mr. Pordon 313-556-0791	Emission point(s) shutdown
NO _x 9	24.60 Marginal Ozone	Delphi Harrison Th. Sys. 9-2909-00018	Ms. Harper 716-439-2955	Source Reduction
NO _x 9	71.54 Marginal Ozone	Occidental Chemical Corp. 9-2912-00041	Ms. Desmukh 972-404-3217	Facility shutdown
PM-10 2	25.90 Moderate	Consolidated Edison 2-6202-00032	Mr. Mormile 212-460-6275	Emission point(s) shutdown

Contaminant Region	Available (TPY)* Nonattainment Area	Facility Name DEC ID	Contact Telephone #	Comments
PM-10 2	13.92 Moderate	Con Ed.- Waterside 2-6206-00038	Mr. Homyk 212-460-3968	Emission point(s) shutdown
CO 1	8.32 Moderate	Zapco Energy Tactics Corp. 1-2820-02479	Mr. Jansen 516-924-5300	Emission point(s) shutdown
CO 1	34.52 Moderate	Zapco Energy Tactics Corp. 1-2824-00077	Mr. Antignano 516-563-6336	Emission point(s) shutdown
CO 1	16.03 Moderate	Zapco Energy Tactics Corp. 1-2824-00077	Mr. Antignano 516-563-6336	Emission point(s) shutdown
CO 1	6.35 Moderate	Env. Waste Incin., Inc. 1-2809-00088	Mr. Walker 215-766-7230	Facility shutdown
CO 2	270.62 Moderate	Consolidated Edison 2-6301-00006	Mr. Mormile 212-460-6275	Emission point(s) shutdown
CO 2	48.00 Moderate	Consolidated Edison 2-6202-00032	Mr. Mormile 212-460-6275	Emission point(s) shutdown
CO 2	4.00 Moderate	Ronzoni Foods Corp. 2-6304-00481	Mr. Simmons 717-534-7540	Emission point(s) shutdown
CO 2	15.90 Moderate	P&G Port Ivory Plant 2-6401-00004	Ms. Clancy 973-690-3487	Emission point(s) shutdown
CO 2	00.00 Moderate	Betts Ave. Municipal Incin. 2-6304-00093	Mr. Bekowies 212-837-8383	495.02 tpy committed to Freshkill Landfill
CO 2	40.64 Moderate	Greenpoint Municipal Incin. 2-6101-00022	Mr. Bekowies 212-837-8383	219.18 tpy committed to Freshkill Landfill
CO 2	00.00 Moderate	SW Brooklyn Mun. Incin. 2-6106-00002	Mr. Beckowies 212-837-8383	59.00 tpy committed to Freshkill Landfill
CO 2	81.70 Moderate	Con Ed.- Waterside 2-6206-00038	Mr. Homyk 212-460-3968	Emission point(s) shutdown

* (TPY) - tons per year

Bold entries - additions this week

TOTAL ERCs TPY

VOC = 2492.766 PM-10 = 39.82

NO_x = 7021.25 CO = 526.08

NOTE: THIS REGISTRY REPRESENTS THE BEST AVAILABLE INFORMATION AT THE TIME OF ISSUANCE. THE DEPARTMENT IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS. SINCE THE REGISTRY IS NOT INTENDED TO TRACK BROKER TRANSACTIONS, THE CURRENT OWNERSHIP OF AVAILABLE ERCs MAY NOT BE ACCURATE. INTERESTED PARTIES ARE RESPONSIBLE FOR VERIFYING WITH THE ERC OWNER THE CURRENT AVAILABILITY OF THE TONS LISTED IN THE REGISTRY PRIOR TO USE FOR REGULATORY PURPOSES.

APPENDIX 15-C

Air Modeling Protocol

ORION POWER ASTORIA REPOWERING AIR MODELING PROTOCOL

Prepared For: **Orion Power Holdings, Inc.**
18-01 20th Avenue
Astoria, New York 11105

Prepared By: **Environmental Science Services, Inc.**
272 West Exchange Street, Suite 101
Providence, Rhode Island 02903

Project No.: **O179-003.2**

Date: **December 2000**

**ORION POWER ASTORIA REPOWERING
AIR MODELING PROTOCOL**

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TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 INTRODUCTION	1
2.0 AREA DESCRIPTION.....	3
3.0 REGULATORY REQUIREMENTS.....	4
3.1 Attainment Statuses and Compliance with Air Quality Standards	4
3.2 Prevention of Significant Deterioration	4
3.3 Additional Impact Analyses.....	5
3.4 Ambient Air Quality Monitoring	5
3.5 New York State Requirements.....	6
3.6 New York City Requirements.....	6
4.0 MODEL SELECTION FACTORS.....	7
4.1 Dispersion Environment	7
4.2 Good Engineering Practice (GEP) Stack Height Determination	8
4.3 Cavity Region	10
4.4 Local Topography	10
4.5 Models Selected For Use	11
5.0 PRELIMINARY MODELING.....	12
5.1 Operating and Stack Parameters	12
5.2 Screening Model Application	12
5.3 Scaling Factors.....	13
5.4 Simple Terrain Results.....	14
5.5 Complex Terrain Results	15
5.6 Screening Analysis Conclusions.....	15
6.0 EXISTING CONDITIONS.....	16
6.1 Analysis of Meteorological Data	16
6.2 Existing Air Quality Data	17
6.2.1 Ozone	18
6.2.2 Sulfur Dioxide.....	18
6.2.3 Nitrogen Dioxide	19
6.2.4 Carbon Monoxide	19
6.2.5 Particulate Matter With Diameter Less Than 10 Microns	19
6.2.6 Lead.....	19
6.3 Pre-Construction Monitoring Waiver	20
7.0 PRELIMINARY DISPERSION MODELING FOR SIGNIFICANT IMPACT AREAS.....	20
7.1 Simple Terrain	21

TABLE OF CONTENTS (CONTINUED)

<u>SECTION</u>	<u>PAGE</u>
7.2 Complex Terrain	22
8.0 FINAL AIR QUALITY MODELING AND ASSESSMENT PROCEDURES	23
8.1 Refined Modeling with Interactive Sources	23
8.2 Nearby Source Inventory	24
8.3 PSD Increment Analysis	25
8.4 NAAQS Compliance Demonstration.....	26
9.0 ADDITIONAL AIR QUALITY ANALYSES	27
9.1 PSD Air Quality Related Values.....	27
9.1.1 Visibility Modeling.....	27
9.1.2 Soils and Vegetation	27
9.2 Non-Criteria Pollutant Impact Analysis.....	28
9.2.1 Beryllium, Fluoride and Hydrogen Sulfide Impact Analysis	28
9.2.2 Non-Criteria Pollutant Impact Analysis.....	28
9.3 New York City Required Analyses.....	29
10.0 REFERENCES	33

TABLES

Table 4-1	GEP Stack Height Analysis
Table 4-2	Cavity Analysis
Table 5-1	Exhaust Parameters for the Proposed Turbines
Table 5-2	Stability Class/Wind Speed Combinations Used for the Screening Modeling
Table 5-3	Wind Speed/Mixing Height Combinations Used for the Screening Modeling
Table 5-4	Simple Terrain Screening Receptor Distances and Elevations
Table 5-5	Complex Terrain Screening Receptor Elevations and Distances
Table 5-6	Simple Terrain Screening Results
Table 5-7	Complex Terrain Screening Results
Table 5-8	Comparison of Maximum Simple and Complex Terrain Screening Concentrations with the Significant Impact Levels
Table 6-1	Background Air Quality Values
Table 6-2	Background Concentrations
Table 9-1	Proposed New York City Flagpole Receptors
Table 9-2	New York City Special Receptors

FIGURES

Figure 2-1	Orion Power Astoria Repowering Project Site Location
Figure 4-1	Land Use Classification in a 3-Kilometer Radius Around the Orion Power Site

AIR MODELING PROTOCOL ASTORIA REPOWERING PROJECT

1.0 INTRODUCTION

Astoria Generating Company, L.P. is proposing to repower the Astoria Generating Station located at 18-01 20th Street in Astoria, Queens County, New York. Astoria Generating Company, L.P. is a wholly-owned subsidiary of Orion Power Holdings, Inc. and is hereafter referred to as "Orion Power.". The project which is known as the Astoria Repowering Project ("Repowering Project") will be constructed in two phases and involves the installation of six combined cycle units utilizing Westinghouse 501FD or equivalent combustion turbines (nominally rated at 177 MW each), retirement of four existing boilers and reuse of certain existing equipment including the steam turbines. Phase 1 is scheduled to be completed in 2004 and Phase 2, shortly thereafter, in 2005. Upon completion of the Repowering Project, the capacity of the Astoria Station will increase from 1,253 megawatts (MW) to 1,842 MW, while at the same time, substantially reducing the overall emissions from the facility.

The facility will consist of six Westinghouse 501FD combustion turbines, six gas fired heat recovery steam generators (HRSGs) and the two existing steam turbines. Steam created in the HRSG will be used to drive the steam turbine generators. Selective Catalytic Reduction (SCR) will be used to control nitrogen oxide (NO_x) emissions and an oxidation catalyst may be used to control emissions of carbon monoxide (CO) and volatile organic compounds (VOC). Each combustion turbine/HRSG train will be vented to a single flue and two flues will be housed in a single stack shell. The result will be three new double flue stacks. The eight existing boiler stacks will be removed.

A hybrid mechanical draft wet/dry-cooling tower will be used to condense steam from the steam turbines and the condensate will be returned to the HRSG portion of the cycle for reuse.

Based on preliminary analysis, the proposed Repowering project anticipates that it may be able to "net out" for all pollutants with the possible exception of PM₁₀. Therefore, the Repowering would not be subject to Prevention of Significant Deteriorating (PSD) review except for PM₁₀ and would not be subject to non-attainment new source review.

The size of the Repowering and related potential emissions necessitate the performance of air impact modeling to assess maximum ground level facility impacts for compliance with National and New York Ambient Air Quality Standards (NAAQS and NYAAQS). If modeling shows significant impacts, additional analyses, including a multi-source impact assessment and air

quality benefit analysis of impacts from the existing source (used in the netting) and proposed source would be made. The air quality benefit analysis would be done to assure that any differences in impacts between the existing and proposed sources do not affect available increment and/or AAQS. This modeling protocol has been prepared to detail the techniques that are proposed to be used in completing the air quality evaluation of the proposed Repowering.

In addition to the required air quality evaluation, the New York State Department of Health (NYSDOH) requires that potential toxic air pollutant emissions from proposed sources be evaluated to ensure that maximum ambient air concentrations are less than the guideline concentrations presented in several published databases and approved by the NYSDOH. Potential toxic air pollutant emissions from the Repowering project will be modeled for comparison to the guideline concentrations.

As was previously indicated, the Repowering will include a hybrid mechanical draft cooling tower. In accordance with New York State Department of Environmental Conservation (NYSDEC)/New York State Public Service Commission (NYSPSC) policy, the cooling tower emissions will be modeled to assess potential fogging, icing and drift deposition impacts. An analysis will also include impacts from potential air concentrations of any toxic substances that may be contained in the East River tower make-up water. Finally, modeling will also be performed to evaluate the visibility of the water vapor plumes that will be emitted from the cooling tower and turbine stack.

On October 26, 2000 representatives from the Repowering met with representatives of the NYSDEC and the NYCPSC, and the New York Department of Public Health in Albany, New York. The meeting was held to generally discuss issues related to the proposed stipulations and to receive other input from the agencies, to assist in preparation of this, and other Repowering documents. This modeling protocol has been developed based upon established regulatory guidance specific to the performance of an impact assessment as described in the United States Environmental Protection Agency (US EPA) Modeling Guidelines (US EPA, 1999) and NYSDEC's Air Guidance documents.

2.0 AREA DESCRIPTION

Figure 2-1 shows the location of the Astoria Generating Station and the surrounding area on the U.S. Geological Survey (USGS) 7.5-minute topographic map (Central Park, New York, Quadrangle). The proposed Repowering will be located at the existing Astoria Generating Station located at 18-01 20th Street in Astoria, Queens, New York.. Structures and facilities associated with the existing generating station include an administration and warehouse building, an intake and discharge structure along the East River, an existing fuel oil tank farm on the Fuel Depot parcel, electrical transformers, natural gas pipelines and miscellaneous ancillary facilities (i.e., fire protection systems, underground piping, etc.). To the northeast of the site is an area occupied by several simple cycle combustion turbines recently acquired from Con Edison by NRG. The NYPA Charles Poletti Power station is located to the north of the Repowering project site.

The existing Astoria Generating Station consists of four boilers (Nos. 2, 3, 4, and 5), which are currently operating on No. 6 fuel oil and natural gas. Unit 1 was shut down in 1993 and is not part of this Repowering. Unit 2, which was placed in inactive reserve, was recently permitted to restart and has been operating in 2000. Electricity generated by the Astoria Generating Station is transmitted to Con Edison's Astoria east or Astoria west substations at voltage of 138,000. The Repowering project will interconnect with the existing Astoria east and west substations and thereby take advantage of the opportunities provided by the existing facilities and infrastructure. The Repowering project will also utilize the existing natural gas pipeline supplies, fuel storage, and water intake and discharge facilities.

The Repowering project site is located along the East River in the Astoria section of Queens Borough. The elevation of the site is approximately 16 feet (ft) above mean sea level (MSL). To the west, across the Hell Gate channel, are Wards Island and then Manhattan Island. To the north are the south reaches of Bronx Borough. To the north is Rikers Island and to the east is LaGuardia Airport. Queens borough lies to the east, southeast, and south. Terrain within 6 kilometers of the site is generally rolling with elevations limited to 80 feet or less, with the exception of several higher hills to 140 feet in northern Manhattan. Beyond 6 kilometers, terrain remains below stack top (approximately 305 feet above sea level) throughout Brooklyn and Queens Counties.

It is not until the Hudson River is crossed that elevated terrain (above stack top) is first encountered in the Palisades region of New Jersey. Elevated terrain is first reached in the Palisades approximately 7.6 kilometers to the northwest of the Repowering site. Thereafter,

Terrain follows the river and rises to 550 feet above mean sea level (ft msl) at a distance of 20 kilometers. Elevation peaks at 1460 ft msl at about 50km northwest of the station.

3.0 REGULATORY REQUIREMENTS

3.1 Attainment Statuses and Compliance with Air Quality Standards

The proposed location of the Repowering is an area currently designated as attainment or not classified for SO₂, PM₁₀ and lead.

The metropolitan New York City area is currently a designated moderate non-attainment area for CO. NSR will be required if emissions of CO exceed 100 tons per year on a potential basis (assuming that modeled CO impacts are below significance, otherwise the major source threshold is 50 tons per year). At the present time, a request to re-designate the CO non-attainment area to attainment is pending.

New York County is currently a designated moderate non-attainment area for PM₁₀. Although the Repowering is located in Queens County, facility PM₁₀ impacts will be evaluated in the non attainment area for comparison with the significant impact levels.

3.2 Prevention of Significant Deterioration

The Astoria Generating Station is an existing major source. Modifications to existing major PSD sources that result in potential-to-emit increases exceeding PSD significant emission thresholds are subject to PSD review. PSD applicability is determined by counting the permitted emissions increases and decreases during the contemporaneous (i.e. previous five years) period. The applicability determination, also called a PSD netting analysis is used to determine the level of PSD review for each of the subject criteria pollutant emissions. The existing Astoria station is being repowered and existing boilers retired. The additional equipment (i.e. the combustion turbines and HRSGs) will be installed at the same facility as defined under Federal (PSD) and New York State (Part 200 and 201) rules and definitions.

A preliminary netting analysis of proposed combined cycle facility emissions versus the reduction in annual emissions from the existing Astoria boilers retirement shows a net decrease in emissions of CO, VOC, NO_x and SO₂. PM₁₀ emissions are predicted to increase and may be above the NSR threshold of 15 tons per year.

An NAAQS and NYAAQS analysis will be performed if the proposed source results in significant air quality impacts and will include major sources within 50 kilometers of the proposed source's significant impact area. Note that 50 kilometers will be added to the maximum significant impact area and the resultant distance will be applied to all other pollutants that have lesser significant impacts areas. Major sources considered in such an analysis will be identified in the Article X and PSD Permit Applications.

3.3 Additional Impact Analyses

Astoria station repowering will also be conducting certain additional analyses which are required as part of the modeling assessment for a major source. These include modeling to assess the potential for impacts to soils and vegetation and visibility in the area surrounding the proposed plant. An evaluation was also conducted to determine if any Class I areas were within 100 kilometers of the Repowering project location

There are no Class I areas within 100 kilometers of the proposed Repowering. The nearest Class I area to the proposed Repowering is the Edwin B. Forsythe National Wildlife Refuge (NWR) at Brigantine, New Jersey which is approximately 120 km from the site. A screening level analysis will be conducted for potential impacts.

3.4 Ambient Air Quality Monitoring

Based on preliminary analysis, the Repowering may "net out" and therefore not be subject to Prevention of Significant Deterioration (PSD) requirements. Although the Repowering may not be subject to PSD, on November 20, 2000 Orion Power submitted a request for a waiver from pre-construction monitoring requirements, should PSD requirements become applicable to the Repowering.

EPA regulations provide that pre-construction ambient air monitoring may be required unless existing, approved data are available. Orion Power has proposed to use ambient air quality monitoring data from 1997 through 1999 collected and reported by the New York State Department of Environmental Conservation (NYSDEC). Ambient air quality in the New York City region has been monitored for over a decade, and the existing air quality and air quality trends are well documented. Orion Power proposes to use the most recent data available on-line from the EPA AIRS website (www.epa.gov/airsweb) for background concentrations as set forth in Table 6-2.

3.5 New York State Requirements

In addition to the previously-discussed federal requirements, the proposed plant will also be required to incorporate the New York State air quality requirements where applicable to the air quality assessment. These requirements are specified in:

- 6 NYCER Part 225-1 Fuel Combustion and Use Sulfur Composition;
- 6 NYCRR Part 227-1 Stationary Combustion Installations;
- 6 NYCRR Part 227-2 NO_x RACT;
- 6 NYCRR Part 231 New Source Review in Non-attainment Areas and Ozone;
- 6 NYCRR Part 257 Air Quality Standards;
- Air Guide - 12 Review of Major Sources (for PSD source review and increment consumption only);
- Air Guide-26 Guideline on Modeling Procedures for Source Impact Analyses;
- Air Guide-36 Emissions Inventory Development for Cumulative Air Quality Impact Analysis (applicable only if major source inventory is required); and

3.6 New York City Requirements

The New York City Department of Environmental Protection (NYCDEP) has, under the Article X process, requested additional modeling analyses be performed as part of the air impact assessment. The additional analyses are discussed below.

The NYCDEP is requiring an air impact analysis for the “point-in-space” (flagpole) receptors that characterize New York City . Unlike “elevated” ground receptors that are represented by a fixed latitude/longitude location and an actual terrain height, a point-in-space flagpole receptor can represent any point above a fixed ground based receptor where human exposure to air contaminants is possible. In New York City, this includes the numerous high-rise buildings and associated windows (if they can be opened), rooftop balconies, air intake vents, and walkout window balconies. There are two differences in the overall modeling approach for performing a point-in-space impact analysis; 1) the non-default (and regulatory option) gradual plume rise option is used (therefore requiring a separate modeling run from that performed for the ground-based receptors, which uses final plume rise), and 2) with regard to

the impact analysis under PSD, compliance with the NAAQS is to be demonstrated but an increment analysis is not required (pursuant to US EPA policy).

The NYCDEP provides a list of flagpole receptors that are to be used in the point-in-space analysis. This list consists mainly of the landmark buildings in the New York City area. A local survey will also be conducted to list any tall structures (apartment houses or newly constructed landmark buildings that are not on the NYCDEP's list). A complete listing of the proposed point-in-space flagpole receptors is contained in Table 9-1.

The NYCDEP requires the performance of a "cumulative impact assessment" as a means to gauge the impact of existing and proposed projects on local air quality. The assessment is to be performed for ground based and point-in-space flagpole receptors; however, the analysis is limited to the AAQS and excludes a significant impact evaluation. The assessment involves the modeling of existing and proposed sources, whose impacts are added to background air quality for a total impact. The total impact is then compared against the pollutant-specific AAQS.

An air impact assessment within a "study area" defined as a 1,000-foot radius of the Repowering site will be performed. Based on discussions with NYCDEP the Repowering will work with NYCDEP to develop a list of addresses of stationary sources with heat inputs greater than 2.8 MMBtu/hr. A request will be made to NYCDEP for information that would support the cumulative impact assessment (i.e., fuel type and limits, operations, unit size, stack, and emission parameters).

The NYCDEP is requiring the inclusion of "special receptors" as part of the modeling analysis. These receptors will include residences, hospitals, schools, and other community facilities and are listed in Table 9-2.

4.0 MODEL SELECTION FACTORS

4.1 Dispersion Environment

Land use within a three kilometer radius of the Astoria Generating Station was classified in accordance with the NYSDEC recommended method (Auer, 1978). This classification is necessary to determine whether rural or urban dispersion coefficients should be used in the dispersion modeling analysis. If more than 50% of the area is classified as urban, urban

dispersion parameters should be used in the modeling. If more than 50% of the area is classified as rural, then rural dispersion parameters should be used in the modeling.

Information contained on the USGS topographic map of the area (Central Park quadrangle) was sufficient to make the urban/rural determination. Figure 4-1 presents the area within 3 kilometers of the station with the land use types identified. Urban land uses found within 3 kilometers of the station include commercial (C), industrial/light industrial (I1/I2) and compact residential (R2/R3). Rural land uses include natural metropolitan (A1), undeveloped (A3) and water surfaces (A5).

Urban land uses account for approximately 67.5% of the area within 3 kilometers of the station. There are 2085 acres (30.0%) of compact residential land use, 1606 acres (23.1%) of industrial/light industrial use, and 1000 acres (14.4%) of commercial use within 3 kilometers of the station. Rural land uses account for 32.5% of the area. There are 1887 acres (27.1%) of water surfaces, 301 acres (4.3%) of natural metropolitan areas and 72 acres (1.0%) of undeveloped land.

Land use within three kilometers of the Repowering is predominantly urban. Therefore, models with urban dispersion coefficients will be used in the modeling analysis.

4.2 Good Engineering Practice (GEP) Stack Height Determination

Federal stack height regulations limit the stack height used in performing dispersion modeling to calculate air quality impact of a source for regulatory purposes. Sources must be modeled at their actual physical height unless that height exceeds their calculated Good Engineering Practice (GEP) stack height. If the physical stack height is less than the GEP formula height, the actual stack height is input to the model and the potential for the plume to be affected by aerodynamic wakes created by nearby buildings must be evaluated in the dispersion modeling analysis.

A GEP stack height analysis was performed in accordance with "Guideline for Determination of Good Engineering Practice Stack Height" (US EPA, 1985). A GEP stack height is defined as the greater of 65 meters (213 feet), measured from the base elevation of the stack or the formula height (H_g) determined from the following equation:

$$H_g = H + 1.5L$$

where

H = height of the nearby structure which maximizes H_g

L = lesser dimension (height or projected width) of the building

The GEP formula height is based on the “nearby” buildings that result in the greatest justifiable height. For the purposes of determining the maximum GEP formula height, “nearby” is limited to five building heights or widths, whichever is less, from the trailing edge of the building.

A GEP analysis was performed with BPIP for proposed and existing buildings at the station. Nearby structures at NYPA’s Poletti Station that could affect the GEP height were included in the analysis. Buildings included in the analysis are shown in Table 4-1. The buildings are listed in descending order relative to the resulting formula GEP height. The proposed stacks will be located adjacent to the proposed 110-foot high turbine building. As a squat structure, the GEP formula height from the turbine building is 275 feet. Since the proposed stack height is greater than the GEP height for the turbine building, shorter structures have not been included in the analysis. Building heights shown in the table are relative to a stack base elevation of 16 ft MSL.

The controlling building for determining the GEP formula height for the proposed stacks is anticipated to be the 211-foot high Boiler No. 6 building at Poletti Station. The building is 258 feet long and 366 feet wide. As a squat structure, the lesser of the height and width is the building height. Therefore, $L=H$. The resultant GEP formula stack height is 527.5 feet. Other structures at the plant are not as tall as the generation building, resulting in lower GEP formula stack heights. The height for all of the proposed stacks is 289 feet above ground level, which will be the height used in the modeling analysis since this does not exceed the GEP height.

The proposed stacks will be less than the GEP formula height, requiring building downwash to be assessed in the modeling analysis. The Industrial Source Complex Short-Term (ISCST3) model uses wind-direction specific building heights and widths to assess downwash for stacks that are less than the GEP formula height.

4.3 Cavity Region

The ISCST3 model accounts for building wake effects beyond a distance of three times the lesser of the structure height or width from the trailing edge of the structure. Cavity impacts need to be analyzed for lesser downwind distances when the stack height is less than the cavity height. The cavity height can extend up to the structure height plus one-half the lesser of the structure height or projected width.

Buildings included in the cavity analysis are presented in Table 4-2. SCREEN3 was applied to assess the potential for the Boiler No. 6 building at Poletti Station to entrap plumes from the proposed turbines. Based on the SCREEN3 model output, the cavity region extends 132 meters (434 feet) from the Boiler No. 6 building. The three proposed stacks are all located beyond this distance, with the closest stack being 440 feet from the building. As such, the stacks are sufficiently distant from the Boiler No. 6 building to preclude the potential for plum entrapment within its cavity region.

The next controlling structure for determining GEP stack height is the existing boiler building at the station. The 189-foot high structure is 811 feet long and 230 feet wide. As a squat structure, the aerodynamic cavity region created by the boiler building can extend to a height of 283.5 feet (86.4 meters). Since the proposed 289-foot stack height exceeds the 283.5-foot cavity height, there is no potential for plume entrapment within the generation building cavity region.

SCREEN3 was applied to assess the potential for the Boiler No. 6 building at Poletti Station to entrap plumes from the proposed turbines. Based on the SCREEN3 model output, the cavity region extends 132 meters (434 feet) from the Boiler No. 6 building. The three proposed stacks are all located beyond this distance, with the closest stack being 440 feet from the building. As such, the stacks are sufficiently distant from the Boiler No. 6 building to preclude the potential for plum entrapment within its cavity region.

4.4 Local Topography

Local topography plays a role in the selection of an appropriate dispersion model. Dispersion models can be divided into two categories: (1) those applicable to areas where terrain is less than the height of the top of the stack (simple terrain), and (2) those applicable to areas where terrain is greater than the height of the plume (complex terrain).

The closest complex terrain to the station is found approximately 7.6 kilometers to the west, across the Hudson River in the Palisades region of eastern New Jersey.

4.5 Models Selected For Use

The dispersion environment, potential of aerodynamic building downwash effects on ground-level concentrations, and the local topography help to determine the appropriate models for use in a dispersion modeling analysis. Simple terrain models are used to calculate concentrations in simple terrain (below stack-top elevation) and up to plume height in complex terrain. Complex terrain models are used to calculate concentrations in complex terrain (above stack-top elevation).

Based on stack heights that are less than the GEP formula height, and terrain above stack top elevation within eight kilometers of the stacks, preliminary screening modeling was performed with EPA's SCREEN3 (dated 96043) model. The preferred models for additional modeling with this application are the EPA Industrial Source Complex Short-Term (ISCST3) (dated 00101) for simple terrain modeling and EPA's CTSCREEN (dated 94111) for complex terrain modeling, if required.

SCREEN3 can be applied to simulate calculated 1-hour, ground-level calculations for single sources. The model incorporates the effects of building downwash in both the cavity and wake regions. The SCREEN3 model calculates 1-hour concentrations in simple terrain using the ISCST3 algorithms. For complex terrain elevations, the SCREEN3 model calculates a 24-hour concentration using the VALLEY model. The VALLEY model concentrations are based on six hours of persistent meteorological conditions, and allow the plume to come no closer than 10 meters to the ground. The SCREEN3 also makes an ISCST3 calculation for intermediate terrain receptors. Intermediate terrain receptors have elevations that are greater than stack-top elevation but less than plume height. The higher of the VALLEY and ISCST3 calculations is used in the screening results.

ISCST3 will be used to estimate maximum 1-hour average ground-level concentrations at all receptor locations. ISCST3 is a model that can be applied in urban mode and can consider the potential building downwash effects on ground-level concentrations.

The CTSCREEN model is used to calculate 1-hour, 3-hour, 24-hour and annual concentrations at locations where terrain exceeds the stack top elevation.

5.0 PRELIMINARY MODELING

5.1 Operating and Stack Parameters

SCREEN3 was applied to determine the operating conditions that result in the maximum, modeled pollution concentration for the proposed turbines. The worst case operating conditions will be used in sequential modeling to determine the proposed projects significant impact areas and cumulative impacts with other nearby sources. There will be 3 new stacks, each serving two turbines. Screening was performed for the flue gas characteristics for a range of loads (60%, 75%, and 100% of the design capacity) and ambient temperatures (-5⁰, 55⁰ and 100⁰ F) for both distillate and natural gas operations. Additionally, duct burning during 100% operation with natural gas was evaluated. The three ambient temperatures represent the minimum, average and maximum temperatures that would be expected throughout the year. Stack exit velocities and temperatures are presented in Table 5-1 for a single turbine for each of these conditions.

The proposed stacks will have a 289 foot height above the base elevation of 16 ft msl. The inner diameter is 18 feet (5.64 meters). For the dual flue operation the effective diameter is 26.2 feet (7.98 meters).

5.2 Screening Model Application

The SCREEN3 dispersion model was applied in accordance with the recommendations made in EPA's "Guideline on Air Quality Models" (EPA, 1986) to assess the magnitude of maximum pollutant concentrations from the proposed turbines for distillate fuel- and gas-fired operations over a range of operating loads and ambient temperatures. The turbines were co-located for the screening analysis. SCREEN3 was applied using urban dispersion parameters, default meteorology, building downwash and terrain elevations. The model was applied for the full set of 54 default meteorological conditions, encompassing all stability classes and a range of wind speeds. The screening meteorological conditions are presented in Table 5-2. Default mixing heights are dependent upon the wind speed. The SCREEN3 mixing heights are presented in Table 5-3. Table 5-4 presents the distances and terrain elevations used in the SCREEN3 simple terrain analysis.

Simple terrain screening receptors were located along a single radial. Receptors were placed at 100-meter spacing out to 2 kilometers, 200-meter spacing out to 4 kilometers, 500-meter spacing out to 10 kilometers, 1 kilometer spacing out to 20 kilometers and 5-kilometer spacing out to 50 kilometers. An additional receptor was located at 193 meters, a distance representing three times the lesser of the building height or width. Receptor elevations reflect the maximum terrain height found for a given distance, over all wind directions. The closest complex terrain receptor is located 7.6 kilometers from the station. For the simple terrain screening analysis, the stack-top elevation was assigned as the receptor elevation for all distances beyond 7.6 kilometers. SCREEN3 receptor terrain height values are based on the difference between the actual terrain elevation and the stack base elevation (16 feet mean sea level).

Table 5-5 presents the terrain elevations and distances used in the SCREEN3 complex terrain screening analysis. The complex terrain receptors were based on the closest distance to the Repowering for which elevations ranging from stack-top to the maximum elevation found within 50 kilometers. The closest complex terrain is found 7.6 kilometers from the station, with elevations extending to 440 meters (1440 feet) above stack-base elevation at 50 kilometers.

5.3 Scaling Factors

The SCREEN3 model calculates one-hour concentrations at simple terrain locations. The model calculates 24-hour concentrations in complex terrain. The VALLEY complex terrain concentrations are based on six hours of persistent meteorological conditions.

NAAQS have been established for various averaging periods. Short-term 1-hour and 8-hour standards have been established for carbon monoxide. An annual standard has been established for nitrogen dioxide. Annual, 3-hour, and 24-hour standards have been established for sulfur dioxide. Annual and 24-hour standards have been established for particulate matter. To estimate concentrations for the other averaging periods, scaling factors of 0.9, 0.7, 0.4, and 0.08 were applied to the 1-hour averages to derive 3-hour, 8-hour, 24-hour, and annual average estimates.

The 24-hour VALLEY complex terrain results are first scaled to one-hour concentrations using a scaling factor of 4.0. The same scaling factors described above are then applied to the 1-hour estimates to obtain estimates for averaging periods other than the 24-hour average.

5.4 Simple Terrain Results

A simple terrain screening modeling analysis was performed using the SCREEN3 model for the flue gas characteristics of the proposed turbines at ambient temperatures of -5°F, 55°F, and 100°F at 60%, 75% and 100% of the design capacity. Additionally, duct burning during 100% operation with natural gas was evaluated. The proposed stacks will each service two turbines. The range of fuels, loads and ambient temperature conditions was modeled for the single flue operation of one turbine, and the dual-flue operation of two turbines. Screening modeling was performed to determine the worst-case short-term and long-term operating conditions for each modeled pollutant.

Tables 5-6a and 5-6b present the maximum 1-hour normalized and pollutant concentrations for each load condition, fuel and ambient temperature for the simple terrain analysis. Table 5-6a presents the results for operation of one turbine. Table 5-6b presents the results for the dual-flue operation of two turbines. Pollutant concentrations were determined by scaling the normalized 1-hour concentrations by the emission rates presented in the tables. To estimate concentrations for other averaging periods, scaling factors presented in Section 5.2 were applied to the one-hour averages.

Annual averages in Tables 5-6a and 5-6b are presented for two scenarios; year-round operation on natural gas, and 1000 hours on distillate fuel and for 7,760 hours on natural gas for each turbine. For the year-round firing of natural gas, the annual average concentrations were based on the maximum 1-hour concentration predicted for operations at the annual average temperature (55°F). For the second scenario, the distillate fuel and natural gas components were added to derive an annual estimate. As with the year-round annual averages for natural-gas fired operations, the natural gas component was based on 7,760 hours of operation at the annual average temperature. However, the 1000-hour distillate fuel-fired component was based on the maximum, modeled 1-hour concentration, regardless of ambient temperature.

5.5 Complex Terrain Results

A complex terrain screening modeling analysis was performed using the SCREEN3 model for the flue gas characteristics of the proposed turbines at ambient temperatures of -5°F, 55°F, and 100°F at 60%, 75% and 100% of the design capacity. Additionally, duct burning during 100% operation with natural gas was evaluated. The range of fuels, loads and ambient temperature conditions was modeled for the single flue operation of one turbine, and the dual-flue operation of two turbines. Screening modeling was performed to determine the worst-case short-term and long-term operating conditions for each modeled pollutant.

Tables 5-7a and 5-7b present the maximum 1-hour normalized and pollutant concentrations for each load condition, fuel and ambient temperature for the complex terrain analysis. Table 5-7a presents the results for operation of one turbine. Table 5-7b presents the results for the dual-flue operation of two turbines. Pollutant concentrations were determined by scaling the normalized 1-hour concentrations by the emission rates presented in the tables. To estimate concentrations for other averaging periods, scaling factors presented in Section 5.2 were applied to the one-hour averages.

Annual averages in Tables 5-7a and 5-7b are presented for two scenarios; year-round operation on natural gas, and 1000 hours on distillate fuel and for 7,760 hours on natural gas for each turbine. For the year-round firing of natural gas, the annual average concentrations were based on the maximum 1-hour concentration predicted for operations at the annual average temperature (55°F). For the second scenario, the distillate fuel and natural gas components were added to derive an annual estimate. As with the year-round annual averages for natural-gas fired operations, the natural gas component was based on 7,760 hours of operation at the annual average temperature. However, the 1000-hour distillate fuel-fired component was based on the maximum, modeled 1-hour concentration, regardless of ambient temperature.

5.6 Screening Analysis Conclusions

The purpose of the SCREEN3 modeling analyses was to determine the operating scenario resulting in the maximum pollutant concentrations. The operating scenarios resulting in the worst-case 1-hour pollutant concentrations will be used in refined modeling to determine

the short-term (24 hours and less) concentrations. Refined modeling for long-term (annual) concentrations will be based on the worst-case load condition at the ambient temperature of 55°F for natural gas and 1000 hours of distillate fuel operating restrictions. Table 5-8 presents the operating loads that result in the maximum pollutant concentrations from both the simple and complex terrain screening models. These operating scenarios will be used in refined modeling to determine the significant impact areas and total concentrations. In cases where a partial load operating scenario results in the maximum concentrations for a particular pollutant, refined modeling will also be performed for the worst-case full load operating scenario.

The maximum, modeled simple terrain concentrations are predicted to occur at 200 meters from the proposed stacks. The maximum, modeled complex terrain concentrations are predicted to occur at 7600 meters; the closest distance for which the terrain elevation exceeds the stack top elevation.

Refined modeling will be performed to assess maximum increase of concentrations in simple terrain with ISCST3. The modeled concentrations from the existing sources will be subtracted from those of the proposed sources on an hour-by-hour, receptor-by-receptor basis. The refined modeling will also be performed using more specific terrain and meteorological conditions and the actual locations of all proposed and existing stacks.

Screening modeling will be performed to assess maximum increase of concentrations in complex terrain with CTSCREEN. The modeled concentrations from the existing sources will be subtracted from those of the proposed sources.

6.0 EXISTING CONDITIONS

6.1 Analysis of Meteorological Data

The closest National Weather Service (NWS) station to the Astoria Generating Station is La Guardia Airport. The airport is located approximately 2 kilometer east of the station. Due to the close proximity of the airport, the similarity in elevations and proximity to a major water body, the meteorological data collected at La Guardia Airport is representative of the station.

Refined modeling with ISCST3 will be performed using the 1991-1995 hourly surface data collected at La Guardia Airport. The surface data will be combined with concurrent twice-daily mixing heights for input to ISCST3, determined from upper air data. For this analysis, Atlantic City Airport (Atlantic City, New Jersey) and Brookhaven National Laboratory (Brookhaven, New York) are the closest upper air stations representative of the conditions found at the station. Both stations are influenced by the same coastal features found at the station. Atlantic City is located approximately 100 miles south-southwest of the site. Brookhaven is located on Long Island, approximately 55 miles east of the site. Two stations are needed for the 1991-1995 modeling period as upper air data collection ceased at Atlantic City in August 1994.

The climate at La Guardia Airport is characterized as a coastal climate. The prevailing wind directions are from the northwest from October to April, from the south from June to August and from the northeast in May and September. The average recorded wind speed at La Guardia is 12.4 miles per hour.

The average mean temperature is 54.6°F. The lowest monthly average temperature is 32.3°F, occurring in January. The highest monthly average temperature is 75.4°F, occurring in July. The average annual precipitation is 42.7 inches per year. The average annual snowfall record at La Guardia is 25.2 inches.

The highest recorded temperature at La Guardia Airport is 102°F in July 1966. The lowest recorded temperature is -3°F in January 1994. The highest wind speed recorded at La Guardia Airport for over two minutes is a northerly wind recorded at 53 miles per hour (mph) in July 1997. The highest 5-second wind speed is a northerly wind recorded at 80 mph in July 1997.

The average and extreme conditions are based on information found in the 1999 Annual Local Climatological Data publication (NCDC, 1999). The publication is available on-line from the NCDC website (www.ncdc.com). Temperature and precipitation averages are based on a 59-year period of record. Wind data averages are based on a 38-year period of record.

6.2 Existing Air Quality Data

The air quality in the Repowering project area is generally considered good by US EPA's Office of Air Quality Planning and Standards, Pollution Standards Index (PSI). Measured

ambient air quality levels monitored at sites near the station are typically less than the applicable NAAQS. Ozone and carbon monoxide are the only pollutants for which the area is classified as not meeting the NAAQS. Ozone is classified as severe nonattainment. Recent CO monitoring has shown a decrease in ambient levels that indicate that the Repowering project area is currently attaining the standards. Although the area may be reclassified to attaining in the future, the area is still considered to be in nonattainment.

The proposed background air quality concentrations that will be used in this modeling analysis are based on 1997-1999 monitoring data. The highest annual averages reported over the three-year period were selected as the annual background values. Short-term background values (24-hours and less) were based on the highest of the yearly second-high values. The monitoring data is available on the US EPA's Aerometric Information Retrieval System (AIRS) internet site (www.epa.gov/airsweb). Table 6-1 presents these values.

6.2.1 Ozone

IS 155 is the closest ozone monitor to the station. The monitor is located in a residential area of New York City in Bronx County, approximately 2.7 kilometers north of the site. Monitoring data, however, was not collected at the site during the 1998 ozone season, and only for a partial season during 1999. The next closest ozone monitor to the station is Morrisania Center. Like IS 155, the monitor is located in a residential area of New York City, in Bronx County. The monitor is 5.5 kilometers to the north. The area's nonattainment status is reflected with observations that are greater than the ambient standards at the Riverhead monitor. The highest of the yearly second-high one-hour values is 0.123 ppm (241 $\mu\text{g}/\text{m}^3$), reported in both 1997 and 1999.

6.2.2 Sulfur Dioxide

IS 155 is the closest sulfur dioxide monitor to the station. The monitor is located in a residential area of New York City in Bronx County, approximately 2.7 kilometers north of the site. The observations at the IS 155 monitor are less than the ambient standards. The highest of the yearly 3-hour and 24-hour second-high values is 0.073 ppm (194 $\mu\text{g}/\text{m}^3$) and 0.038 ppm (101 $\mu\text{g}/\text{m}^3$), respectively. These values both occurred in 1997. The highest of the annual values is 0.009 ppm (27 $\mu\text{g}/\text{m}^3$), reported in 1999.

6.2.3 Nitrogen Dioxide

Morrisania Center is the closest nitrogen dioxide monitor to the station. The monitor is located in a residential area of New York City in Bronx County, approximately 5.5 kilometers to the north. The observations at the Morrisania Center monitor are less than the ambient standards. The highest of the annual values is 0.036 ppm (69 $\mu\text{g}/\text{m}^3$), reported in 1998.

6.2.4 Carbon Monoxide

PS-59 is the closest CO monitor to the station. The monitor is located in a commercial area of New York City in New York County, approximately 5.4 kilometers southwest of the station. The observations at the PS-59 monitor are less than the ambient standards. The highest of the yearly one-hour and eight-hour second-high values is 5.1 ppm (5939 $\mu\text{g}/\text{m}^3$) and 4.0 ppm (4658 $\mu\text{g}/\text{m}^3$), respectively. The one-hour value was reported in 1997, while the eight-hour value occurred in 1998.

6.2.5 Particulate Matter With Diameter Less Than 10 Microns

IS 155 is the closest PM_{10} monitor to the station. The monitor is located in a residential area of New York City in Bronx County, approximately 2.7 kilometers north of the site. Monitoring data, however, was not collected at the site during 1999. The next closest PM_{10} monitor to the station, with data for 1999, is Greenpoint. The monitor is located in an industrial area of New York City in Kings County. The monitor is 6.7 kilometers to the southwest. The observations at the both monitors are less than the ambient standards. The highest of the yearly 24-hour second-high values is 55 $\mu\text{g}/\text{m}^3$, reported in 1997. The highest of the annual values is 25 $\mu\text{g}/\text{m}^3$, reported in 1997 and 1998. The expected three-year average is 23 $\mu\text{g}/\text{m}^3$, based on the 1997 and 1998 values at IS 155 and the 1999 value at Greenpoint.

6.2.6 Lead

Greenpoint is the closest lead monitor to the station. The monitor is located in an industrial area of New York City in Kings County, 6.7 kilometers southwest of the station. The observations at the Greenpoint monitor are less than the ambient standards. The highest of the quarterly values is 0.16 $\mu\text{g}/\text{m}^3$, reported in 1997.

6.3 Pre-Construction Monitoring Waiver

The Repowering Project submitted a request to the US EPA Region II requesting a waiver from pre-construction monitoring requirements, should PSD requirements become applicable to the Repowering. Orion Power made this request on the basis of existing monitoring data in the Repowering project area.

40 CFR 51.21 provides that pre-construction ambient air monitoring may be required unless existing, approved data are available. The document entitled Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD), EPA-450/4-87-00, sets forth the requirements necessary for existing air quality data to be used for demonstrating compliance with ambient air quality standards.

Orion Power proposes to use ambient air quality monitoring data from 1997 through 1999 collected and reported by the NYSDEC. Ambient air quality in the New York City region has been monitored for over a decade, and the existing air quality and air quality trends are well documented. Orion Power proposes to use the most recent data available on-line from the US EPA AIRS website (www.epa.gov/airsweb) for background concentrations as set forth in Table 6-2.

The selected monitoring sites are the closest monitoring locations for each pollutant to the proposed Repowering. These data meet the three criteria listed in the US EPA monitoring guidance cited above as they are located within 10 km of the project, are PSD-level quality, and have been collected within the past three years.

7.0 PRELIMINARY DISPERSION MODELING FOR SIGNIFICANT IMPACT AREAS

Repowering of Astoria Generating Station will occur in two phases. Phase I will consist of replacing Boiler No. 50 with three new combustion turbines and shutting down Boiler No. 20. Phase I is scheduled to be completed in 2004. Phase II entails shutting down Boiler 30 and finishing the repowering by replacing Boiler No. 40 with three new combustion turbines.

A preliminary refined modeling analysis will be performed to determine the extent to which the proposed station will have modeled concentrations that are greater than the significant impact levels for CO, NO₂, PM₁₀ and SO₂. Pollutant impacts will be determined using the worst-case

operating scenarios shown in Table 5-8. Since partial load conditions resulted in the maximum CO and PM₁₀ concentrations, the worst-case full-load conditions will also be modeled for those pollutants, as discussed in Section 5.6.

The increase in modeled concentrations will be evaluated for both phases of the Repowering. The increase from Phase I will be the modeled concentrations of the three new turbines minus the baseline concentrations of Boiler 50, the unit being repowered. The increase from Phase II will be the modeled concentrations of the six new turbines minus the baseline concentrations of the four units being retired or repowered.

7.1 Simple Terrain

A preliminary refined modeling analysis will be performed using ISCST3 to determine the significant impact areas from the Repowering in simple terrain. This determination will be based on the increase in modeled concentrations of the proposed turbines compared to those from the retired boilers, on an hour-by-hour, receptor-by-receptor basis. The model will be applied using sequential hourly meteorological data and a refined receptor grid.

Five years of hourly meteorological data, provided by the NYSDEC, will be used to the ISCST3 model. Surface observations from La Guardia Airport in New York City, New York for 1991-1995 will be used with concurrent mixing heights from Atlantic City, New Jersey and Brookhaven, New York. The anemometer height at La Guardia Airport is 20 feet (6.1 meters).

The three proposed stacks are aligned in a southwest-northwest orientation. A polar grid will be centered at the central proposed stack. Radials will be placed from 0 degrees to 350 degrees at ten-degree increments. Receptor rings will be located at

- 100-meter increments out to two kilometers,
- 200-meter increments out to four kilometers,
- 500-meter increments out to 10 kilometers,
- 1-kilometer increments out to 20 kilometers,
- 2-kilometer increments out to 30 kilometers, and
- 5-kilometer increments out to 50 kilometers.

Fenced, on-site locations will not be included in the analysis, as these locations are not accessible to the general public and, therefore, are not considered ambient air.

The maximum terrain elevation in the immediate vicinity of each receptor will be selected as the receptor height. The immediate vicinity of the receptor is defined by the area encompassed by radials located 5 degrees on either side of the receptor radial, an arc equidistant from the receptor ring and the next ring, and an arc equidistant from the receptor ring and the previous ring.

Each turbine stack will be modeled at their proposed locations. The worst-case operating scenario will be used for each pollutant. In those situations where a partial load condition resulted in the maximum pollutant concentration, modeling will also be performed using the worst-case full load condition. Emissions from the proposed turbines will be modeled as positive values.

ISCST3 will calculate the increase (or decrease) in modeled concentrations by adding the positive concentrations from the proposed turbines and the negative concentrations from the retired sources, on a receptor-by-receptor and hour-by-hour basis. These increases will be compared to the significant impact levels to determine the significant impact area in simple terrain.

7.2 Complex Terrain

A preliminary modeling analysis will be performed using CTSCREEN to determine the significant impact areas from the Repowering in complex terrain. This determination will be based on the increase in modeled concentrations of the proposed turbines compared to those from the retired boilers.

CTSCREEN will be applied for both stable and unstable conditions, using the automated wind direction selection option.

The maximum SCREEN3 modeled complex terrain values occur 7.6 kilometers from the station across the Hudson River in the Palisades area of New Jersey. This represents the closest area of complex terrain to the Repowering. Terrain follows the river and rises to 550 feet above mean sea level (ft msl) at a distance of 20 kilometers. The closest terrain elevation greater than 550 ft msl is found in the Pocantico Hills, about 30 kilometers northwest of the station. The terrain in this area rises to 1460 ft msl.

The CTSCREEN terrain pre-processor will be used to fit contours into ellipses for these terrain features. The ellipses will then be used in the CTSCREEN modeling. Elevation contours will be digitized at 50-foot intervals. The lowest critical elevation value will be set to the stack base elevation (16 ft msl). Receptor points will be placed at 100-meter intervals on the contours.

Each turbine stack will be modeled at their proposed locations. The worst-case operating scenario will be used for each pollutant. In those situations where a partial load condition resulted in the maximum pollutant concentration, modeling will also be performed using the worst-case full load condition.

CTSCREEN calculates a 1-hour concentration and internally scales the 1-hour value to obtain 3-hour, 24-hour, and annual estimates.

8.0 FINAL AIR QUALITY MODELING AND ASSESSMENT PROCEDURES

8.1 Refined Modeling with Interactive Sources

If refined modeling demonstrates that the increase in modeled concentrations from the proposed Repowering is greater than the significant impact levels in areas of simple terrain, a refined ISCST3 modeling analysis will be performed to assess compliance with the PSD increments and NAAQS within the proposed Repowering's significant impact areas. The refined modeling will use the same meteorological data used in the preliminary analyses. Five years of hourly surface observations from La Guardia Airport with concurrent mixing heights from Atlantic City, New Jersey and Brookhaven, New York for 1991-1995 will be input to the ISCST3 model. The anemometer height at La Guardia Airport is 20 ft.

A subset of the receptor grid used in the preliminary refined ISCST3 modeling for determining the significant increase in concentrations will be used for the refined modeling with interactive sources. The refined grid will extend to distances that will ensure coverage in areas where the proposed Repowering has resulted in a significant increase in modeled concentrations. In areas of peak predicted values, a dense receptor grid will be used to provide 100-meter receptor spacing.

If refined modeling demonstrates that the increase in modeled concentrations from the proposed Repowering is greater than the significant impact levels in areas of complex terrain, a CTSCREEN modeling analysis will be performed to assess compliance with the PSD

increments and NAAQS within the proposed Repowering's significant impact areas. The modeling will use the same meteorological data and terrain features used in the preliminary analyses. Receptors will be located every 100 meters along the terrain elevation contours.

The subset of the receptor grid used in the preliminary CTSCREEN modeling for determining the significant increase in concentrations will be used for the CTSCREEN modeling with interactive sources. The refined grids will extend to distances that will ensure coverage in areas where the proposed Repowering has resulted in a significant increase in modeled concentrations.

8.2 Nearby Source Inventory

Background air quality is defined as the air quality in the absence of the proposed source. Background levels can be determined from air quality data, model calculations of nearby emission sources, or a combination of the two. For those pollutants where modeling has predicted concentrations above the significance level, an analysis is performed to determine whether the proposed source will cause or contribute to a violation of an air quality standard. The determination is based on the combination of the proposed source's modeled impacts with the background air quality from NYSDEC air monitoring stations and by including other nearby sources in the final refined modeling analysis. The total impacts are compared to the standards.

A cumulative impact analysis must be performed for any pollutant and averaging period for which the proposed Repowering has a modeled concentration that is greater than the significant impact level. For NAAQS compliance, the modeled concentrations from the Repowering are added to the background air quality and the modeled concentrations from nearby sources to determine a total ambient impact. For PSD compliance, the modeled concentrations from the Repowering are added to modeled concentrations from other nearby PSD increment consuming sources.

NYSDEC has published guidelines on the procedures used to develop the background source inventory. Air Guide 26 and Air Guide 36 provide this guidance. Sources within 50 kilometers of the largest significant impact area (SIA) of the Repowering must be evaluated for the background inventory. For example, if the largest SIA is 1 kilometer, sources within 51 kilometers of the Repowering must be considered in the inventory. This may include sources in New York State, New Jersey, and Connecticut.

To demonstrate compliance with PSD increments, an initial background source inventory must include all PSD permitted sources within 50 kilometers of the SIA for the Repowering. To demonstrate compliance with the NAAQS, an initial background source inventory includes all sources in the PSD inventory along with any other major sources (100 tons per year emissions) within 50 kilometers of the SIA for the Repowering.

A verification of modeling input parameters will be performed for all sources found in the initial NAAQS and PSD inventories. The maximum emission rates will be compared with engineering calculations for the listed fuel or process rates. Source locations will be checked for consistency with the town or city of record. Engineering judgment will be used to verify exhaust flows and temperatures.

The initial background source inventory is then reduced by the procedures outlined in Air Guide 26 using the 'GRAD/D²' method. Each source is modeled with SCREEN3 to calculate concentrations at the maximum impact point and one kilometer beyond that point, in flat terrain. The difference in the concentrations is divided by the square of the distance between the source and the Repowering site. The background sources are ranked in order of decreasing GRAD/D² values. All sources having a GRAD/D² value greater or equal to 5.0 percent of the maximum GRAD/D² value are included in the NAAQS inventory. All PSD sources, regardless of the GRAD/D² value, are included in the PSD inventory.

Detailed source verification for the remaining sources in the background inventories will be conducted before proceeding to the cumulative impact modeling.

8.3 PSD Increment Analysis

Maximum increases in NO₂, PM₁₀, and SO₂ concentrations from the proposed Repowering will be assessed for increment consumption. The available increment is based on the difference between the NAAQS and observed monitored background values. Based on the most recent three years of NYSDEC data, 1997-1999, monitored observations are sufficiently less than the NAAQS for the full increment to be available. The proposed Repowering will be modeled with other background increment-consuming sources to determine the total increment consumption. Phase I will consist of replacing Boiler No. 50 with three new combustion turbines and shutting down Boiler No. 20. Phase I is scheduled to be completed in 2004. Phase II entails shutting down Boiler 30 and finishing the Repowering by replacing Boiler No. 40 with three new combustion turbines.

A cumulative assessment of the Repowering with the adjacent proposed New York Power Authority Poletti Station and SCS Astoria projects will be performed regardless of whether or not the Repowering impacts are below significant impacts.

8.4 NAAQS Compliance Demonstration

Maximum CO, NO₂, PM₁₀, and SO₂ concentrations from the proposed Repowering will be assessed for compliance with the NAAQS. The total impacts for comparison to the NAAQS will be based on the sum of background air quality data provided by the NYSDEC, the proposed sources' modeled impact and the modeled impact from other background sources.

Phase I will consist of replacing Boiler No. 50 with three new combustion turbines and shutting down Boiler No. 20. Phase I is scheduled to be completed in 2004. Phase II entails shutting down Boiler 30 and finishing the Repowering by replacing Boiler No. 40 with three new combustion turbines.

A cumulative assessment of the Repowering with the other nearby existing and proposed sources will be performed regardless of whether or not the Repowering impacts are below significant impacts. The analysis will include the existing Charles Poletti Power Project, the existing NRG Energy Facility, the proposed NYPA generating facility and the proposed SCS Astoria generating facility. Additionally, any other stationary source within a 1,000-foot radius of the station with a heat input rate greater than 2.8 mmBtu/hr will be included in the cumulative analysis.

ISCST3 will be applied using the procedures and data provided in Sections 5 and 7. The analysis will be performed for ground-level receptors. In addition to the flagpole receptors presented in Table 9-1, the modeling grid will include 'special receptors' that represent nearby hospitals, schools, and other community buildings. These receptors are presented in Table 9-2, and are the same set of special receptors used in the NYPA Poletti Article X application.

9.0 ADDITIONAL AIR QUALITY ANALYSES

9.1 PSD Air Quality Related Values

9.1.1 Visibility Modeling

The PSD regulations protect Class I areas, such as wilderness areas and national parks, from plume visibility impacts. Sufficiently large particulate and nitrogen dioxide air emissions can cause visible plumes. When the components of the plume scatter or absorb light, the plume may contrast with the viewing background. US EPA's Workbook for Plume Visual Impact Screening and Analysis (US EPA, 1992) is used to conduct a visibility impairment analysis for the nearest Class I area. The workbook outlines the screening procedures to be used in assessing visibility impacts of any project. The Level I screening analysis uses a series of conservative calculations designed to identify those emission sources that have the potential for adversely impacting visibility.

The US EPA VISCREEN model (Version 1.01, dated 88341) incorporates the screening procedures. The values calculated through the model relate predicted source impacts to visibility degradation and are then compared to a standardized screening value. If the model results indicate calculated values less than the screening criteria, the source is projected to present no adverse impairment to visibility, and no further analysis is required.

The closest Class I area to the Repowering site is the Brigantine Wilderness Refuge in New Jersey, located approximately 120 kilometers to the south-southeast. Model receptors will be placed at the nearest boundaries of the Class I area. It is expected that the Level I analysis will have results below the screening criteria for visibility degradation.

9.1.2 Soils and Vegetation

PSD regulations require an air quality impact analysis on sensitive types of soils and vegetation. The assessment will be performed by comparing the Repowering impacts with screening levels presented in US EPA's "A Screening Procedure for the Impacts of Air Pollution on Plants, Soils and Animals" (US EPA, 1980).

9.2 Non-Criteria Pollutant Impact Analysis

9.2.1 Beryllium, Fluoride and Hydrogen Sulfide Impact Analysis

Air quality dispersion modeling will be performed for the Astoria Generating Station to evaluate non-criteria pollutant concentrations from the turbine emissions. NYSDEC has established ambient air standards for beryllium, fluorides and hydrogen sulfide. Modeling procedures described in Sections 5 and 7 will be used to demonstrate that the proposed Repowering will meet the non-criteria pollutant standards.

9.2.2 Non-Criteria Pollutant Impact Analysis

Modeling will be performed to assess the potential ground level and elevated receptor concentrations from the repowered station and the cooling towers. Modeling will also be performed to estimate the cumulative impacts from the station and nearby sources. These sources will include the existing Charles Poletti Power Project, the existing NRG Energy Facility, the proposed New York Power Authority generating facility, and the proposed SCS Astoria generating facility. Modeling procedures described in Sections 5 and 7 will be used for this analysis.

A comparison of the maximum predicted ground level and elevated receptor air concentrations to benchmark air concentrations will be made for both short-term and long-term exposures. These benchmark concentrations will include NYSDEC short-term guideline concentrations (SCGs) and annual guideline concentrations (AGCs), health risk-based criteria, reference concentrations (RfCs) for noncancer effects, and air concentrations associated with an incremental lifetime cancer risk of one-in-one million. Benchmark concentrations will be obtained or derived from:

- NYSDEC Air Guide 1, Complete Listing of AGCs, SGCs, and Air Quality Standards from Toxics Assessment Section,
- US EPA's on-line Integrated Risk Information System (IRIS) Database,
- US EPA's Annual Health Effects Assessment Summary Tables (HEAST),
- US EPA's National Center for Environmental Assessment (NCEA),
- US Department of Health and Human Services' Agency for Toxic Substances and Disease registry (ATSDR), and
- Risk-based Ambient Air Criteria developed by the NYSDOH.

If the maximum, modeled ground-level air concentration of a non-criteria pollutant exceeds 10 percent of the corresponding health risk-based benchmark air concentration for noncancer effects, or is equal to or exceeds the corresponding benchmark air concentration for cancer risk, the NYSDOH will be consulted to determine if a cumulative air quality impact analysis will be needed. If such an analysis is required, an acceptable approach for performing the analysis will be developed with NYSDOH and NYSDEC.

An evaluation of the need for a multi-pathway risk assessment will be included if the maximum, modeled air concentration for any non-criteria pollutant exceeds 10 percent of the corresponding health risk-based benchmark air concentration, or the maximum modeled air concentration for any persistent, bioaccumulative and toxic non-criteria pollutant exceeds one percent of the corresponding health risk-based benchmark air concentration and the modeled plume could impact beef or dairy farms, or areas that could reasonably support such farms. The application will include a multipathway risk assessment for any pollutant that meets the criteria above, is persistent in the environment, has the potential to accumulate in soil, water, fish, homegrown vegetables, or beef and dairy products, and, based on information available in the sources identified above in this stipulation, is of significant toxicological concern via the ingestion pathway relative to the inhalation pathway of exposure. If the analysis described above demonstrates that an evaluation of the need for a multipathway risk assessment is necessary, the applicant will consult with the NYSDOH.

9.3 New York City Required Analyses

As part of the Article X permitting process, the NYCDEP has additional air impact analyses that are required as part of the air impact assessment. A cumulative assessment of the Repowering is required as discussed in Section 8.4. The NYSDEP also requires an ambient air quality impact assessment for 'point-in-space', or flagpole, receptors in New York City. Flagpole receptors are often used to evaluate the air quality impacts in urban areas where air can be brought into a building, either through open windows or air vents.

The ISCST3 modeling analysis will be consistent with the procedures discussed in Sections 5 and 7 with the following exceptions:

- Use of gradual plume rise
- Flagpole receptor grid

Ground-level model predictions, such as those performed in the other ISCST3 analyses, are based on the use of final plume rise. Final plume rise is considered a regulatory default option of the ISCST3 model, while gradual plume rise is a non-regulatory option.

The flagpole receptor locations and elevations that will be used for this analysis are the same receptors used in the NYPA Poletti application. These receptors were based on a list of locations provided by the NYSDEP and a field survey conducted by the applicant. Table 9-1 presents a list of all flagpole receptors that will be used in this analysis.

9.4 Acid Deposition Impact Analysis

The Astoria Generating Station's contribution to the New York State's total deposition of sulfates and nitrates will be quantified. The evaluation will be performed in accordance with the NYSDEC recommended procedures (NYSDEC, 1993).

9.5 Off-Site Consequence Analysis for an Accidental Release

An off-site consequence analysis for an accidental release of aqueous ammonia will not be required because the Repowering has elected to use urea in the selective catalytic reduction (SCR) system.

9.6 Construction Impacts

The Repowering will generate fugitive dust from the site and interconnects during the construction phase. Fugitive dust in this case is usually caused by motorized equipment traffic traveling over unpaved areas. Dust generation will be limited to areas of construction requiring the removal of vegetation, primarily the construction of access roads. A mitigation program to minimize these emissions will be presented in the Article X application.

9.7 Stack Plume Visibility Modeling

A stack plume visibility analysis will be performed to assess the predicted length and frequency of visible water vapor plumes created by the existing and proposed sources at the

station. Plumes from the existing boilers will be evaluated to create a baseline condition. The proposed turbines will then be assessed and compared to the baseline for both natural gas and distillate fuel-fired operations.

The combustion of natural gas or distillate fuel results in the formation of water vapor among other compounds. The water vapor is initially exhausted through the stack into the atmosphere in a gaseous phase due to high exhaust temperatures. The initially invisible plume mixes with colder ambient air. As the temperature of the mixed air mass decreases, water vapor condenses to form water droplets, which forms visible plume against clear skies and terrain features. At some downwind distance, sufficient mixing occurs with dryer air such that the droplets in the saturated plume evaporate and once again become invisible. The length of the visible plume depends primarily on the quantity of water in the exhaust plume, ambient temperature, relative humidity, and wind speed. The longest plumes occur during the coldest weather, when the air does not hold as much moisture, and periods of highest humidity, when saturation is reached with less water being added.

The frequency and length of visible plumes from the existing and proposed stacks will be evaluated with algorithms developed by Steven Hanna (Atmospheric Science and Power Production, 1984). The equations assume that the saturation deficit is constant with altitude. Plume height and length are calculated as:

$$\begin{aligned}\text{Height} &= 3.6 * r * (w_0/u)^{1/2} * \{ (q_0/(q_s-q_e))^{1/2} - 1 \} \\ \text{Length} &= 3.4 * r^{3/2} * u^{1/4} * w_0^{3/4} / f^{1/2} * (q_0^{1/2}/(q_s-q_e)^{1/2} - 1)\end{aligned}$$

Where

R = stack exhaust radius
W0 = exhaust exit velocity
U = ambient wind speed
Q0 = exhaust water concentration
Qs - Qe = saturation deficit
F = buoyancy flux

Hourly surface observations from La Guardia Airport will be used in the analysis. The 1991-1995 data period will be used, consistent with the dispersion modeling data period. Calm hours will be evaluated using a wind speed of one meter per second.

9.8 Cooling Tower Plume Frequency Study

A cooling tower impact study will be performed to assess the potential for fogging, icing, drift deposition, and light obscuration from the existing and proposed cooling towers.

The Seasonal/Annual Cooling Tower Impact (SACTI) model will be used to predict the frequency of occurrence of fogging and icing from the existing and the proposed cooling towers. SACTI is a statistical model used to identify a series of combinations of meteorological variables that represent the full range of atmospheric conditions affecting plume dispersion and drift deposition. Based on the model impacts, the conditions leading to fogging and icing are identified.

SACTI is comprised of three models. A meteorological preprocessor, PREP, determines plume categories based on hourly meteorological data and cooling tower exit conditions. Representative cases are generated for each plume category. The fogging and icing prediction model, MULT, determines plume and drift predictions for the representative cases. The summary report program, TABLES, is used to generate tables presenting seasonal and annual impacts by distance and wind direction from the data generated by PREP and MULT.

SACTI will be used to assess the dimensions and frequency of occurrence of visible water plumes, along with the potential for fogging, icing, drift deposition and light obstruction.

Hourly surface observations from La Guardia Airport will be used in the analysis. The statistical model will be applied using the 1991-1995 data period, consistent with the dispersion modeling data period. The proposed cooling towers use plume abatement and may produce visible plumes when temperatures fall below 19°F. As such, SACTI calculations will not be performed for the proposed cooling towers hours when the ambient temperature is 19°F, or greater. Monthly clearness index and solar insolation values for New York City will be used. These values will be obtained from Appendix B of the SACTI User's Guide (EPRI, 1987).

10.0 REFERENCES

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TABLES

TABLE 4-1

GEP Stack Height Analysis

Building	Height (ft)	Projected Width (ft)	Formula GEP Height (ft)	Stack Height > GEP Height?	Distance from Stack (ft)			5L Distance (ft)	Stacks within 5L?
					Stack 1	Stack 2	Stack 3		
Boiler No. 6, Poletti	211	366	527.5	No	440	450	560	1055	Yes
Boiler Building	189	811	472.5	No	170	410	650	945	Yes
Turbine Building	110	750	275	Yes	0	0	0	550	Yes

TABLE 4-2

Cavity Analysis

Building	Height (ft)	Projected Width (ft)	Cavity Height (1.5L)	Stack Height > Cavity Height?	Distance from Stack (ft)			'3L' Distance (ft)	Stacks within 5L?
					Stack 1	Stack 2	Stack 3		
Boiler No. 6, Poletti	211	366	316.5	No	440	450	560	633	Yes
Boiler Building	189	811	283.5	Yes	170	410	650	567	Yes
Turbine Building	110	750	165	Yes	0	0	0	330	Yes

TABLE 5-5 (CONTINUED)

Table 5-1**Exhaust Parameters for the Proposed Turbines**

Fuel	Ambient Temperature (°F)	Load	Exit Velocity (m/s)	Exit Temperature (°K)
Natural Gas	-5	100% with duct burning	24.8	427.0
		100%	24.6	425.9
		75%	19.1	410.4
		60%	17.2	404.3
	55	100% with duct burning	22.6	423.2
		100%	22.4	422.0
		75%	17.8	408.2
		60%	15.8	401.5
	100	100% with duct burning	20.2	419.3
		100%	20.0	418.7
		75%	16.6	407.6
		60%	14.7	401.5
Distillate Oil	-5	100%	24.8	427.0
		75%	19.1	410.9
		60%	17.3	405.4
	55	100%	22.6	422.6
		75%	17.8	408.7
		60%	15.9	402.0
	100	100%	20.2	419.3
		75%	16.6	408.2
		60%	14.8	402.0

TABLE 5-2

Stability Class/Wind Speed Combinations Used for the Screening Modeling

Stability Class	Wind Speed (m/sec)
A	1, 1.5, 2, 2.5, 3
B	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5
C	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 8, 10
D	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 8, 10, 15, 20
E	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5
F	1, 1.5, 2, 2.5, 3, 3.5, 4

TABLE 5-5 (CONTINUED)

TABLE 5-3

Wind Speed/Mixing Height Combinations Used for the Screening Modeling

Wind Speed (m/sec)	Mixing Height (m)
1	320
1.5	480
2	640
2.5	800
3	960
3.5	1,120
4	1,280
4.5	1,440
5	1,600
8	2,560
10	3,200
15	4,800
20	6,400

TABLE 5-5 (CONTINUED)

TABLE 5-4

Simple Terrain Screening Receptor Distances and Elevations

Distance (km)	Elevation (feet mean sea level)	Elevation (feet above stack base)	Distance (km)	Elevation (ft msl)	Elevation (ft above stack base)
0.194	30	14	2.0	70	54
0.2	30	14	2.2	80	64
0.3	30	14	2.4	80	64
0.4	50	34	2.6	70	54
0.5	50	34	2.8	70	54
0.6	60	44	3.0	70	54
0.7	80	64	3.2	100	84
0.8	80	64	3.4	110	94
0.9	80	64	3.6	110	94
1.0	60	44	3.8	120	104
1.1	50	34	4.0	130	114
1.2	60	44	4.5	120	104
1.3	60	44	5.0	130	114
1.4	60	44	5.5	160	144
1.5	60	44	6.0	170	154
1.6	67	51	6.5	200	184
1.7	60	44	7.0	260	244
1.8	60	44	7.5-50	320	304
1.9	60	44			

TABLE 5-5

Complex Terrain Screening Receptor Elevations and Distances

Elevation: (feet above mean sea level)	Elevation: (feet above stack base)	Distance: (km)
310	294	7.6
320	304	7.7
330	314	9.1
340	324	9.3
350	334	9.4
360	344	9.6
370	354	9.8
380	364	11.3
390	374	11.8
400	384	12.0
410	394	12.1
420	404	12.2
430	414	12.5
440	424	15.0
450	434	16.1
460	444	17.8
470	454	17.9
480	464	18.0
490	474	18.4
500	484	18.6
510	494	18.9
520	504	19.1
530	514	19.6
540	524	19.9
550	534	20.9
600	584	27.0
650	634	29.0
660	644	29.0
670	654	29.0
700	684	31.0
750	734	31.2
800	784	31.3
850	834	31.4
885	869	31.6
900	884	41.1
950	934	41.1
1000	984	42.4
1050	1034	42.6
1093	1077	42.8
1100	1084	44.2

TABLE 5-5 (CONTINUED)

Elevation (feet above mean sea level)	Elevation (feet above stack base)	Distance (km)
1150	1134	44.3
1164	1148	44.3
1200	1184	50.0
1250	1234	50.0
1300	1284	50.0
1350	1334	50.0
1400	1384	50.0
1450	1434	50.0
1460	1444	50.0

TABLE 5-6

Simple Terrain Screening Results
(import from spreadsheet SCREEN3 – sheet ‘simple’)

TABLE 5-7

Complex Terrain Screening Results
(import from spreadsheet SCREEN3 – sheet ‘complex-isc’)

TABLE 5-8

Comparison of Maximum Simple and Complex Terrain Screening Concentrations with the Significant Impact Levels

Pollutant	Averaging Period	Terrain	Operating Scenario
CO	1-hour	Simple	Gas, 60% Load, -5°F
		Complex	Gas, 60% Load, -5°F
	8-hour	Simple	Gas, 60% Load, -5°F
		Complex	Gas, 60% Load, -5°F
NO ₂	Annual	Simple	Oil, 100% Load, -5°F Gas, 100% Load, 55°F with duct burning
		Complex	Oil, 100% Load, -5°F Gas, 100% Load, 55°F with duct burning
	24-hour	Simple	Oil, 60% Load, -5°F
		Complex	Oil, 60% Load, -5°F
PM ₁₀	Annual	Simple	Oil, 60% Load, -5°F Gas, 60% Load, 55°F with duct burning
		Complex	Oil, 60% Load, -5°F Gas, 100% Load, 55°F with duct burning
	3-hour	Simple	Oil, 100% Load, -5°F
		Complex	Oil, 100% Load, -5°F
SO ₂	24-hour	Simple	Oil, 100% Load, -5°F
		Complex	Oil, 100% Load, -5°F
	Annual	Simple	Oil, 100% Load, -5°F Gas, 100% Load, 55°F with duct burning
		Complex	Oil, 100% Load, -5°F Gas, 100% Load, 55°F with duct burning

TABLE 6-1

Background Air Quality Values

Pollutant	Averaging Period ^a	Monitoring Site	Concentration ($\mu\text{g}/\text{m}^3$)			Background Value
			1997	1998	1999	
O ₃	1-hour	Morrisania Center	225	186	241	241
SO ₂	3-hour	IS 155	194	162	152	194
	24-hour		101	98	93	101
	Annual		21	21	27	27
NO ₂	Annual	Morrisania Center	66	68	62	68
CO	1-hour		5940	5120	5820	5940
	8-hour		3730	4660	4190	4660
PM ₁₀	24-hour	IS 155	55	50	46	55
	Annual	Greenpoint	25.2	22.0	22.7	23.3
Lead	Quarterly	Greenpoint	0.16	0.14	0.10	0.16

Note: For PM₁₀, IS 155 data is used for 1997 and 1998 background values. Greenpoint data is used for 1999 background, as no measurements were taken at IS 155 in 1999.

TABLE 6-2

Background Concentrations

Pollutant	Averaging Time	Monitoring Station	Distance to Site	Background Concentration		Year
				(ppm)	(ug/m ³)	
Sulfur Dioxide	Annual	IS-155	3 km	0.010	27	1999
	24 Hour			0.038	101	1997
	3 Hour			0.73	194	1997
Carbon Monoxide	8 Hour	PS-59	6 km	4.0	4660	1998
	1 Hour			5.1	5940	1997
Nitrogen Dioxide	Annual	Morrisania	6 km	0.036	68	1996, 1998
Lead	Quarterly	Greenpoint	7 km	--	0.16	1997
Ozone	1 Hour	Morrisania	6 km	0.123	241	1997, 1999
PM ₁₀	3 year expected	IS-55 / Greenpoint	4/7 km	--	23.3	1999
	24 Hour			--	55	1997

TABLE 9-1

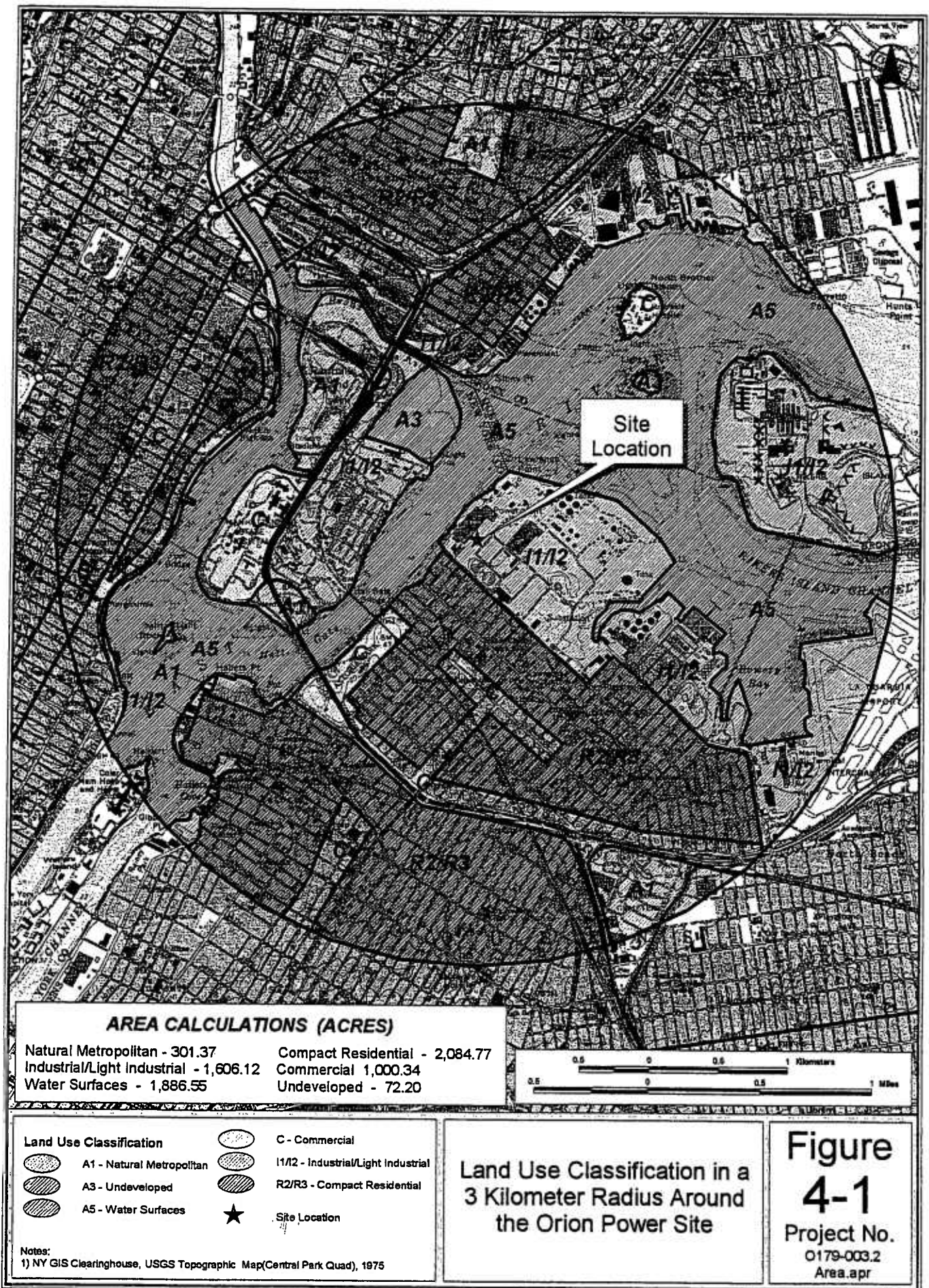
Proposed New York City Flagpole Receptors
(import from spreadsheet RECS, sheet FLAGPOLE)

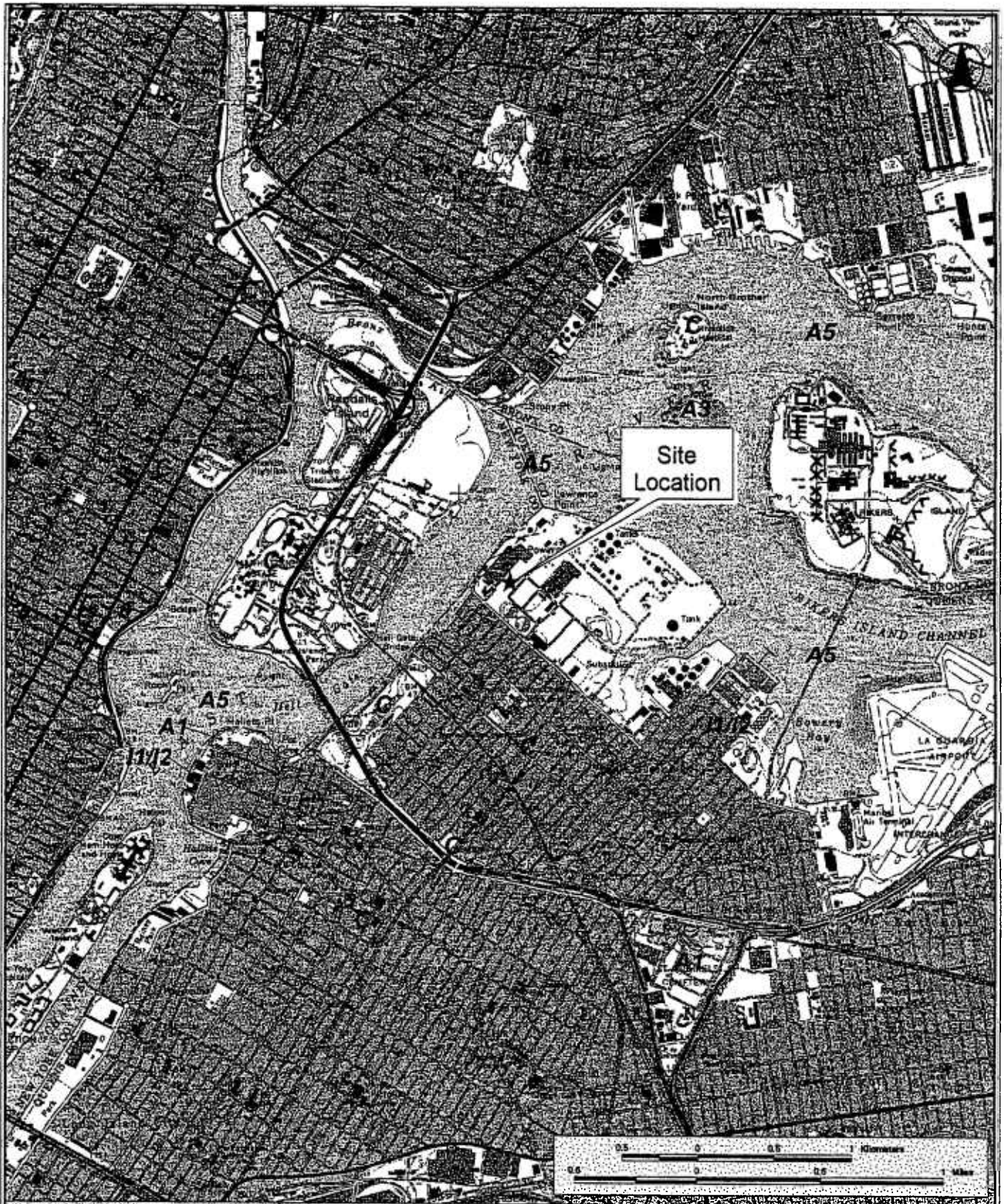
TABLE 9-2

New York City Special Receptors

(import from spreadsheet RECS, sheet SPECIAL)

FIGURES





★ Orion Power Astoria Repowering Site Location

Orion Power Astoria
Repowering
Project Site Location

**Figure
2-1**
Project No.
0179-003.2
Site Locus.apr

Notes:
1) NY-GIS Clearinghouse, USGS Topographic Map (Central Park Quad), 1975
mjd

APPENDIX 15-D

Air Quality Modeling Input and Output

MODELING INPUT AND OUTPUT TABLES

Table 15D-1: Stability Class/Wind Speed Combinations Used for the Screening Modeling

Stability Class	Wind Speed (m/sec)
A	1, 1.5, 2, 2.5, 3
B	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5
C	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 8, 10
D	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 8, 10, 15, 20
E	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5
F	1, 1.5, 2, 2.5, 3, 3.5, 4

Table 15D-2: Wind Speed/Mixing Height Combinations Used for the Screening Modeling

Wind Speed (m/sec)	Mixing Height (m)
1	320
1.5	480
2	640
2.5	800
3	960
3.5	1,120
4	1,280
4.5	1,440
5	1,600
8	2,560
10	3,200
15	4,800
20	6,400

Table 15D-3: Simple Terrain Screening Receptor Distances and Elevations

Distance (km)	Elevation (feet mean sea level)	Elevation (feet above stack base)	Distance (km)	Elevation (ft msl)	Elevation (ft above stack base)
0.194	30	16	2.4	80	66
0.2	30	16	2.6	70	56
0.3	30	16	2.8	70	56
0.4	50	36	3.0	70	56
0.5	50	36	3.2	100	86
0.6	60	46	3.4	110	96
0.7	80	66	3.6	110	96
0.8	80	66	3.8	120	106
0.9	80	66	4.0	130	116
1.0	60	46	4.5	120	106
1.1	50	36	5.0	130	116
1.2	60	46	5.5	160	146
1.3	60	46	6.0	170	156
1.4	60	46	6.5	200	186
1.5	60	44	7.0	260	246
1.6	67	53	7.5	320	306
1.7	60	46	8.0	320	306
1.8	60	46	8.5	320	306
1.9	60	46	9.0	320	306
2.0	70	56	9.5	335	336
2.2	80	66	10.0-50.0	335	336

Table 15D-4: Complex Terrain Screening Receptor Elevations and Distances

Elevation (feet above mean sea level)	Elevation (feet above stack base)	Distance (km)
340	326	9.3
350	336	9.4
360	346	9.6
370	356	9.8
380	366	11.3
390	376	11.8
400	386	12.0
410	396	12.1
420	406	12.2
430	416	12.5
440	426	15.0
450	436	16.1
460	446	17.8
470	456	17.9
480	466	18.0
490	476	18.4
500	486	18.6
510	496	18.9
520	506	19.1
530	516	19.6
540	526	19.9
550	536	20.9
600	586	27.0
650	636	29.0
660	646	29.0
670	656	29.0
700	686	31.0
750	736	31.2

Elevation (feet above mean sea level)	Elevation (feet above stack base)	Distance (km)
--	--------------------------------------	------------------

Elevation (feet above mean sea level)	Elevation (feet above stack base)	Distance (km)
1200	1186	50.0
1250	1236	50.0
1300	1286	50.0
1350	1336	50.0
1400	1386	50.0
1450	1436	50.0
1460	1446	50.0

Table 15D-5: Simple Terrain Screening Results

Flues	Fuel	Ambient Temp (°F)	Load	1-hour Normalized Concentration (µg/m³)	CO	NO ₂	PM ₁₀	SO ₂
Single	Gas	-5	100% with duct burning	1.382	5.1	10.1	9.6	0.6
			100%	1.382	4.8	9.9	9.4	0.6
			85%	1.441	8.6	9.3	9.8	0.6
			75%	1.478	10.6	8.7	10.1	0.5
			100%	1.425	5.3	9.5	9.3	0.6
			with duct burning					
			100%	1.425	4.4	9.0	8.9	0.5
			85%	1.472	7.8	8.4	9.1	0.5
			75%	1.502	9.6	7.9	9.3	0.5
			100%	1.454	5.2	9.0	8.4	0.5
			with duct burning					
			100%	1.456	4.1	8.5	7.9	0.5
			85%	1.498	7.3	7.9	8.1	0.5
			75%	1.521	8.9	7.3	8.2	0.4
	Oil	-5	100%	1.379	15.5	25.4	42.8	55.8
			85%	1.441	14.4	23.7	43.2	52.0
			75%	1.478	13.6	22.3	43.4	48.9
			100%	1.425	14.1	23.2	39.8	50.8
			85%	1.472	13.1	21.5	40.0	47.1
			75%	1.502	12.3	20.2	40.0	44.2
			100%	1.453	13.2	21.6	35.5	47.4
			85%	1.498	12.2	20.1	35.6	44.0
			75%	1.521	11.4	16.7	35.4	44.1
Dual	Gas	-5	100%	1.071	7.9	15.6	14.8	0.9
			with duct burning					
			100%	1.071	7.5	15.4	14.6	0.9
			85%	1.139	13.6	14.7	15.5	0.9
			75%	1.181	17.0	14.0	16.1	0.8
			100%	1.120	8.3	14.9	14.6	0.9
			with duct burning					
			100%	1.120	6.9	14.2	13.9	0.9
			85%	1.174	12.4	13.4	14.6	0.8
			75%	1.210	15.5	12.7	15.0	0.8
			100%	1.154	8.3	14.3	13.4	1.0
			with duct burning					
			100%	1.156	6.5	13.5	12.5	0.9

					1-hour Pollutant Concentration ($\mu\text{g}/\text{m}^3$)			
			85%	1.205	11.7	12.6	13.0	0.8
			75%	1.233	14.5	11.9	13.3	0.7
	Oil	-5	100%	1.067	23.9	39.3	65.9	86.3
			85%	1.139	22.8	37.5	68.3	82.1
			75%	1.181	21.7	35.6	69.3	78.1
		55	100%	1.120	22.2	36.4	62.5	79.9
			85%	1.174	20.8	34.2	63.7	75.2
			75%	1.210	19.8	32.5	64.4	71.2
		100	100%	1.153	20.9	34.3	56.3	75.2
			85%	1.205	19.6	32.3	57.2	70.8
			75%	1.233	18.5	30.3	57.4	66.6

TABLE 15D-6

Complex Terrain Screening Results

Flues	Fuel	Ambient Temp (°F)	Load	24-hour Normalized Concentration ($\mu\text{g}/\text{m}^3$)	1-hour Pollutant Concentration ($\mu\text{g}/\text{m}^3$)			
					CO	NO ₂	PM ₁₀	SO ₂
Single	Gas	-5	100% with duct burning	0.07221	1.1	2.1	2.0	0.1
			100%	0.07221	1.0	2.1	2.0	0.1
			85%	0.07506	1.8	1.9	2.0	0.1
			75%	0.07681	2.2	1.8	2.1	0.1
		55	100% with duct burning	0.07427	1.1	2.0	1.9	0.1
			100%	0.07427	0.9	1.9	1.8	0.1
			85%	0.07652	1.6	1.7	1.9	0.1
			75%	0.07797	2.0	1.6	2.0	0.1
		100	100% with duct burning	0.07569	1.1	1.9	1.8	0.1
			100%	0.07578	0.9	1.8	1.6	0.1
			85%	0.07777	1.5	1.6	1.7	0.1
			75%	0.07889	1.9	1.5	1.7	0.1
	Oil	-5	100%	0.07208	3.2	5.3	8.9	11.7
			85%	0.07506	3.0	4.9	9.0	10.8
			75%	0.07681	2.8	4.6	9.0	10.2
		55	100%	0.07427	2.9	4.8	8.3	10.6
			85%	0.07652	2.7	4.5	8.3	9.8
			75%	0.07797	2.5	4.2	8.3	9.2
		100	100%	0.07564	2.7	4.5	7.4	9.9
			85%	0.07777	2.5	4.2	7.4	9.1
			75%	0.07889	2.4	3.9	7.3	8.5
Dual	Gas	-5	100% with duct burning	0.05707	1.7	3.3	3.1	0.2
			100%	0.05707	1.6	3.3	3.1	0.2
			85%	0.06036	2.9	3.1	3.3	0.2
			75%	0.06244	3.6	3.0	3.4	0.2
		55	100% with duct burning	0.05944	1.8	3.2	3.1	0.2
			100%	0.05944	1.5	3.0	3.0	0.2
			85%	0.06210	2.6	2.8	3.1	0.2
			75%	0.06386	3.3	2.7	3.2	0.2

Flues	Fuel	Ambient Temp (°F)	Load	24-hour Normalized Concentration (µg/m³)	1-hour Pollutant Concentration (µg/m³)			
					CO	NO ₂	PM ₁₀	SO ₂
		100	100% with duct burning	0.06110	1.7	3.0	2.8	0.2
			100%	0.06121	1.4	2.8	2.8	0.2
			85%	0.06362	2.5	2.7	2.8	0.2
			75%	0.06497	3.1	2.5	2.8	0.2
	Oil	-5	100%	0.05691	5.1	8.4	14.1	18.4
			85%	0.06036	4.8	7.9	14.5	17.4
			75%	0.06244	4.6	7.5	14.7	16.5
		55	100%	0.05944	4.7	7.7	13.3	17.0
			85%	0.06210	4.4	7.2	13.5	15.9
			75%	0.06386	4.2	6.9	13.6	15.0
		100	100%	0.06104	4.4	7.3	11.9	15.9
			85%	0.06362	4.1	6.8	12.1	15.0
			75%	0.06497	3.9	6.4	12.1	14.0

**Table 15D-7: ISCST3 Modeling Results
Incremental Concentrations from the Proposed Phase 2 Turbines**

Pollutant	Averaging Period	Maximum Concentration ($\mu\text{g}/\text{m}^3$)						Significant Impact Level ($\mu\text{g}/\text{m}^3$)
		1991	1992	1993	1994	1995	Maximum	
SO ₂	3-hour	28.9	27.1	27.6	27.8	26.8	28.9	25
	24-hour	16.6	12.9	19.2	16.7	16.8	19.2	5
NO ₂	Annual	0.34	0.41	0.41	0.44	0.39	0.44	1
PM ₁₀ @75% Load	24-hour	15.9	12.3	18.2	15.5	15.9	18.2	5
	Annual	0.46	0.55	0.55	0.58	0.51	0.58	1
PM ₁₀ @100% Load	24-hour	14.0	10.9	16.2	14.0	14.2	16.2	5
	Annual	0.38	0.46	0.46	0.48	0.43	0.48	1

**Table 15D-8: ISCST3 Modeling Results
Incremental Concentrations from the Proposed Phase 1 Turbines**

Pollutant	Averaging Period	Maximum Concentration ($\mu\text{g}/\text{m}^3$)						Significant Impact Level ($\mu\text{g}/\text{m}^3$)
		1991	1992	1993	1994	1995	Maximum	
SO ₂	3-hour	15.8	15.3	15.2	15.1	14.4	15.8	25
	24-hour	9.6	7.1	11.1	9.0	9.1	11.1	5
NO ₂	Annual	0.21	0.24	0.24	0.26	0.23	0.26	1
PM ₁₀ @75% Load	24-hour	9.1	6.7	10.4	8.5	8.5	10.4	5
	Annual	0.27	0.32	0.32	0.33	0.29	0.33	1
PM ₁₀ @100% Load	24-hour	8.1	6.0	9.4	7.6	7.7	9.4	5
	Annual	0.23	0.27	0.27	0.28	0.25	0.28	1

Table 15D-9: ISCST3 Modeling Results
Maximum Change in Concentrations from the Phase 2 of the Repowering

Pollutant	Averaging Period	Maximum Concentration ($\mu\text{g}/\text{m}^3$)						Significant Impact Level ($\mu\text{g}/\text{m}^3$)
		1991	1992	1993	1994	1995	Maximum	
SO ₂	3-hour	5.3	10.4	8.3	6.9	7.4	10.4	25
	24-hour	1.7	2.3	2.2	1.6	1.9	2.3	5
PM ₁₀ @75% Load	24-hour	2.1	4.2	3.6	2.4	3.2	4.2	5
PM ₁₀ @100% Load	24-hour	1.5	3.1	2.7	1.5	2.3	3.1	5

Table 15D-10: ISCST3 Modeling Results
Maximum Change in Modeled Concentrations from the Phase 1 of the Repowering

Pollutant	Averaging Period	Maximum Concentration ($\mu\text{g}/\text{m}^3$)						Significant Impact Level ($\mu\text{g}/\text{m}^3$)
		1991	1992	1993	1994	1995	Maximum	
SO ₂	3-hour	4.7	7.5	7.3	6.0	5.3	7.5	25
	24-hour	1.4	2.9	2.0	2.0	1.8	2.9	5
PM ₁₀ @75% Load	24-hour	1.9	3.1	2.1	2.1	2.2	3.1	5
PM ₁₀ @100% Load	24-hour	1.3	2.5	1.7	1.7	1.5	2.5	5

MODELING INPUT AND OUTPUT DATA CD

APPENDIX 15-E

DEC Air Permit Application Forms

New York State Department of Environmental Conservation Air Permit Application



DEC ID

APPLICATION ID

OFFICE USE ONLY

Section I - Certification

Title V Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information [required pursuant to 6 NYCRR 201-6.3(d)] I believe the information is, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Responsible Official		Title	
Signature		Date	

State Facility Certification

I certify that this facility will be operated in conformance with all provisions of existing regulations.

Responsible Official	E. Thomas Webb	Title	Vice President
Signature		Date	02/06/01

Section II - Identification Information

Title V Facility Permit New Renewal	Significant Modification Minor Modification	Administrative Amendment General Permit Title:	State Facility Permit New General Permit Title:
<input type="checkbox"/> Application involves construction of new facility			<input checked="" type="checkbox"/> Modification <input type="checkbox"/> Application involves construction of new emission unit(s)

Owner/Firm

Name Astoria Generating Company, L.P.			
Street Address 225 Greenfield Parkway, Suite 201			
City Liverpool			
Owner Classification	Federal <input checked="" type="checkbox"/> Corporation/Partnership	State Individual	Municipal
Country USA		Zip 13088	Taxpayer ID 9221187306

Facility

Name	Astoria Generating Station	Confidential
Location Address	18-01 20 th Avenue	
<input checked="" type="checkbox"/> City / Town / Village	Astoria	
Zip	11105	

Project Description

The proposed Facility will consist of six natural gas or distillate oil fired combustion turbines with a nominal electric generating capacity of approximately 1842 megawatts at ISO conditions. Refer to Section 1.0 of the Air Quality Evaluation and Construction Permit Application for additional details.

Continuation Sheet(s)

Owner/Firm Contact Mailing Address

Name (Last, First, Middle Initial)	Janet Audunson	Phone No.	(315) 413-2799
Affiliation	Orion Power New York	Title	General Manager
Street Address	225 Greenfield Parkway, Suite 201	Fax No.	(315) 461-8577
City	Liverpool	State	NY
		Country	USA
		Zip	13088

Facility Contact Mailing Address

Name (Last, First, Middle Initial)	Richard Boscarino	Phone No.	718-204-3821
Affiliation	Orion Power New York	Title	EH&S Manager
Street Address	18-01 20 th Avenue	Fax No.	718-956-3960
City	Astoria	State	NY
		Country	USA
		Zip	11105

Air Permit Application



DEC ID									
	-					-			

Section I - Certification

Title V Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information [required pursuant to 6 NYCRR 201-6.3(d)] I believe the information is, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Responsible Official		Title	
Signature		Date	____ / ____ / ____

State Facility Certification

I certify that this facility will be operated in conformance with all provisions of existing regulations.

Responsible Official	W. Thaddeus Miller	Title	General Council
Signature		Date	____ / ____ / ____

Section II - Identification Information

Title V Facility Permit New Renewal	Significant Modification Minor Modification	Administrative Amendment General Permit Title:	State Facility Permit New General Permit Title:	<input checked="" type="checkbox"/> Modification
Application Involves construction of new facility			<input checked="" type="checkbox"/> Application involves construction of new emission unit(s)	

Owner/Firm

Name Astoria Generating Company, L.P.			
Street Address 225 Greenfield Parkway, Suite 201			
City Liverpool	State NY	Country USA	Zip 13088
Owner Classification	Federal <input checked="" type="checkbox"/> Corporation/Partnership	State Municipal	Individual Taxpayer ID 5 2 2 1 6 7 3 0 6

Facility

Confidential

Name	Astoria Generating Station		
Location Address	18-01 20 th Avenue		
<input checked="" type="checkbox"/> City / Town / Village	Astoria	Zip	11105

Project Description

Continuation Sheet(s)

The proposed Facility will consist of six natural gas or distillate oil fired combustion turbines with a nominal electric generating capacity of approximately 1842 megawatts at ISO conditions. Refer to Section 1.0 of the Air Quality Evaluation and Construction Permit Application for additional details.

Owner/Firm Contact Mailing Address

Name (Last, First, Middle Initial)	Janet Audunson	Phone No.	(315) 413-2799
Affiliation	Orion Power New York	Title	General Manager
Street Address	225 Greenfield Parkway, Suite 201		
City	Liverpool	State	NY
Country	USA	Zip	13088

Facility Contact Mailing Address

Name (Last, First, Middle Initial)	Richard Boscarino	Phone No.	718-204-3821
Affiliation	Orion Power New York	Title	EH&S Manager
Street Address	18-01 20 th Avenue		
City	Astoria	State	NY
Country	USA	Zip	11105

Air Permit Application



DEC ID											
-						-					

Section III - Facility Information

Hospital Residential Educational/Institutional Commercial Industrial ☒ Utility

Affected States (Title V Only)

Vermont Massachusetts Rhode Island Pennsylvania Tribal Land:
New Hampshire Connecticut New Jersey Ohio Tribal Land:

SIC Codes

4911

Facility Description

Continuation Sheet(s)

The proposed Facility will consist of six combustion turbines each firing natural gas or 0.05% distillate fuel oil with a HRSG capable of supplemental firing of natural gas with a nominal electric generating capacity of approximately 1800 megawatts. Refer to Section

1.0 of the Air Quality Evaluation and Construction Permit Application for additional details.

Compliance Statements (Title V Only)

For all emission units at this facility that are operating in compliance with all applicable requirements including any compliance certification requirements under Section 114 (a)(3) of the Clean Air Act Amendments of 1990, complete the following:

This facility will continue to be operated and maintained in such a manner as to assure compliance for the duration of the permit, except those units referenced in the compliance plan portion of Section IV of this application.

For all emission units, subject to any applicable requirements that will become effective during the term of the permit, this facility will meet all such requirements on a timely basis.

Compliance certification reports will be submitted at least once a year. Each report will certify compliance status with respect to each requirement, and the method used to determine the status.

Facility Applicable Federal Requirements

☒ Continuation Sheet(s)

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	200							
6	NYCRR	201	1	1					
6	NYCRR	201	1	3					
6	NYCRR	201	1	4					
6	NYCRR	201	1	5					

Facility State Only Requirements

Continuation Sheet(s)

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	211	2						
6	NYCRR	217	3						
6	NYCRR	221	2						

DEC ID											
	-					-					

Facility Applicable Federal Requirements (continuation)[illegible]

Section III - Facility Information (continued)

Facility Emissions Summary				☑Continuation Sheet(s)
CAS No.	Contaminant Name	PTE		Actual (lbs/yr)
		(lbs/yr)	Range Code	
0NY210 – 00 – 0	OXIDES OF NITROGEN		H	
0NY998 – 00 – 0	VOC		F	
007446 – 09 – 5	SULFUR DIOXIDE		G	
000630 – 08 – 0	CARBON MONOXIDE		H	
0NY075 – 00 – 5	PM-10		H	
0NY100 – 00 – 0	HAP (COMBINED TOTAL)		C	
000050 – 00 – 0	FORMALDEHYDE		Y	
007664 – 93 – 9	SULFURIC ACID		F	
007664 – 41 – 7	AMMONIA		H	
007439 – 92 – 1	LEAD		Y	
007440 – 41 – 7	BERYLLIUM		Y	
007440 – 38 – 2	ARSENIC		Y	
007440 – 39 – 3	BARIUM		Y	
007440 – 43 – 9	CADMIUM		Y	

**New York State Department of Environmental Conservation
Air Permit Application**



DEC ID									

Section III - Facility Information

Facility Emissions Summary (continuation)				
CAS No.	Contaminant Name	PTE		Actual (lbs/yr)
		(lbs/yr)	Range Code	
007440 - 47 - 3	CHROMIUM		Y	
007440 - 48 - 4	COBALT		Y	
007439 - 96 - 5	MANGANESE		Y	
007439 - 97 - 6	MERCURY		Y	
007440 - 02 - 0	NICKEL		Y	
007782 - 49 - 2	SELENIUM		Y	
000091 - 57 - 6	2-METHYLNAPHTHALENE		Y	
000090 - 12 - 0	3-METHYLNAPHTHALENE		Y	
000083 - 32 - 9	ACENAPHTHENE		Y	
000208 - 96 - 8	ACENAPHTHYLENE		Y	
000120 - 12 - 7	ANTHRACENE		Y	
000056 - 55 - 3	BENZ(A)ANTHRACENE		Y	
068041 - 22 - 5	BENZO(A)PYRENE		Y	
000191 - 24 - 2	BENZO(G,H,I)PERYLENE		Y	
000207 - 08 - 9	BENZO(K)FLOURANTHENE		Y	
000106 - 46 - 7	DICHLOROBENZENE		Y	
000206 - 44 - 0	FLOURANTHENE		Y	
000086 - 73 - 7	FLUORENE		Y	
000110 - 54 - 3	HEXANE		Y	
000085 - 01 - 8	PHENANTHRENE		Y	
000129 - 00 - 0	PYRENE		Y	
000107 - 02 - 8	ACROLEIN		Y	
000071 - 43 - 2	BENZENE		Y	
000108 - 88 - 3	TOLUENE		Y	
000129 - 00 - 0	PYRENE		Y	

Section III - Facility Information

[illegible]

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-						-			

Section IV - Emission Unit Information

Emission Unit Description										<input checked="" type="checkbox"/> Continuation Sheet(s)
EMISSION UNIT	U	-	0	0	0	0	1	Six identical combustion turbines and associated heat recovery steam generators that exhaust to three stacks with two flues each. The turbine will be a Westinghouse 501FD, employing dry low NO _x technology when firing natural gas or water injection and low NO _x technology when firing 0.05% sulfur distillate fuel oil. Selective catalytic reduction systems are proposed for further NO _x control and a carbon monoxide catalysts for the control of CO on each unit. The Heat Recovery Steam Generators will fire natural gas only and will only operate during natural gas combustion turbine firing.		

Building				Continuation Sheet(s)	
Building	Building Name		Length (ft)	Width (ft)	Orientation
1	Building 1		1275	1095	90

Emission Point							<input checked="" type="checkbox"/> Continuation Sheet(s)
EMISSION PT.	C	T	G	4	1		
Ground Elev. (ft)	Height (ft)		Height Above Structure (ft)		Inside Diameter (in)	Exit Temp. (F)	Cross Section
14	321		186		222	304	Length (in) Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)		NYTM (E) (KM)		NYTM (N) (KM)	Building	Distance to Property Line (ft) Date of Removal
81	1,301,856		591.82		4515.61	1	45
EMISSION PT.	C	T	G	4	2		
Ground Elev. (ft)	Height (ft)		Height Above Structure (ft)		Inside Diameter (in)	Exit Temp. (F)	Cross Section
14	321		186		222	304	Length (in) Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)		NYTM (E) (KM)		NYTM (N) (KM)	Building	Distance to Property Line (ft) Date of Removal
81	1,301,856		591.78		4515.65	1	45

Emission Source/Control								<input checked="" type="checkbox"/> Continuation Sheet(s)
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.	
ID	Type				Code	Description		
CTG41	C						Westinghouse 501FD	
Design Capacity	Design Capacity Units				Waste Feed		Waste Type	
	Code	Description			Code	Description	Code	Description
1930	201							
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.	
ID	Type				Code	Description		
CTG42	C						Westinghouse 501FD	
Design Capacity	Design Capacity Units				Waste Feed		Waste Type	
	Code	Description			Code	Description	Code	Description
1930	201							

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-						-			

Section IV - Emission Unit Information

Emission Point (continuation)																		
EMISSION UNIT		U	-	0	0	0	0	1					EMISSION PT.	C	T	G	4	3
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)		Inside Diameter (in)		Exit Temp. (F)		Cross Section										
								Length (in)		Width (in)								
14	321	186		222		304												
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)		NYTM (N) (KM)		Building		Distance to Property Line (ft)		Date of Removal								
81	1,301,856	591.77		4515.66		1		45										
EMISSION UNIT		U	-	0	0	0	0	1					EMISSION PT.	C	T	G	5	1
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)		Inside Diameter (in)		Exit Temp. (F)		Cross Section										
								Length (in)		Width (in)								
14	321	186		222		304												
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)		NYTM (N) (KM)		Building		Distance to Property Line (ft)		Date of Removal								
81	1,301,856	591.87		4515.56		1		45										
EMISSION UNIT		U	-	0	0	0	0	1					EMISSION PT.	C	T	G	5	2
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)		Inside Diameter (in)		Exit Temp. (F)		Cross Section										
								Length (in)		Width (in)								
14	321	186		222		304												
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)		NYTM (N) (KM)		Building		Distance to Property Line (ft)		Date of Removal								
81	1,301,856	591.86		4515.57		1		45										
EMISSION UNIT		U	-	0	0	0	0	1					EMISSION PT.	C	T	G	5	3
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)		Inside Diameter (in)		Exit Temp. (F)		Cross Section										
								Length (in)		Width (in)								
14	321	186		222		304												
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)		NYTM (N) (KM)		Building		Distance to Property Line (ft)		Date of Removal								
81	1,301,856	591.82		4515.61		1		45										
EMISSION UNIT			-										EMISSION PT.					
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)		Inside Diameter (in)		Exit Temp. (F)		Cross Section										
						928		Length (in)		Width (in)								
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)		NYTM (N) (KM)		Building		Distance to Property Line (ft)		Date of Removal								
EMISSION UNIT			-										EMISSION PT.					
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)		Inside Diameter (in)		Exit Temp. (F)		Cross Section										
						928		Length (in)		Width (in)								
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)		NYTM (N) (KM)		Building		Distance to Property Line (ft)		Date of Removal								

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-					-				

Section IV - Emission Unit Information

EMISSION UNIT		Emission Source/Control (continuation)										
U	-	0	0	0	0	0	1					
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
CTG43	C						Westinghouse 501 FD					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
	Code	Description			Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
CTG51	C						Westinghouse 501 FD					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
	Code	Description			Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
CTG52	C						Westinghouse 501 FD					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
	Code	Description			Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
CTG53	C						Westinghouse 501 FD					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
	Code	Description			Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
SCR41	K				033		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
	Code	Description			Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
SCR42	K				033		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
	Code	Description			Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
SCR43	K				033		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
	Code	Description			Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
SCR51	K				033		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
	Code	Description			Code	Description	Code	Description				
1930	201											

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-					-				

Section IV - Emission Unit Information

EMISSION UNIT		Emission Source/Control (continuation)										
U	-	0	0	0	0	0	1					
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
SCR52	K				033		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
Code	Description				Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
SCR53	K				033		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
Code	Description				Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
COC41	K				065		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
Code	Description				Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
COC42	K				065		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
Code	Description				Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
COC43	K				065		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
Code	Description				Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
COC51	K				065		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
Code	Description				Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
COC52	K				065		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
Code	Description				Code	Description	Code	Description				
1930	201											
Emission Source		Date of Construction	Date of Operation	Date of Removal	Control Type		Manufacturers Name/Model No.					
ID	Type				Code	Description						
COC53	K				065		To Be Determined					
Design Capacity		Design Capacity Units			Waste Feed		Waste Type					
Code	Description				Code	Description	Code	Description				
1930	201											

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-						-			

Section IV - Emission Unit Information

EMISSION UNIT		Emission Source/Control (continuation)											
U	-	0	0	0	0	0	1						
Emission Source		Date of Construction		Date of Operation		Date of Removal		Control Type		Manufacturers Name/Model No.			
ID	Type							Code	Description				
WIN41	K							028		Westinghouse 501FD			
Design Capacity		Design Capacity Units		Waste Feed		Waste Type							
Code	Description	Code		Description		Code		Description					
1930	201												
Emission Source		Date of Construction		Date of Operation		Date of Removal		Control Type		Manufacturers Name/Model No.			
ID	Type							Code	Description				
WIN42	K							028		Westinghouse 501FD			
Design Capacity		Design Capacity Units		Waste Feed		Waste Type							
Code	Description	Code		Description		Code		Description					
1930	201												
Emission Source		Date of Construction		Date of Operation		Date of Removal		Control Type		Manufacturers Name/Model No.			
ID	Type							Code	Description				
WIN43	K							028		Westinghouse 501FD			
Design Capacity		Design Capacity Units		Waste Feed		Waste Type							
Code	Description	Code		Description		Code		Description					
1930	201												
Emission Source		Date of Construction		Date of Operation		Date of Removal		Control Type		Manufacturers Name/Model No.			
ID	Type							Code	Description				
WIN51	K							028		Westinghouse 501FD			
Design Capacity		Design Capacity Units		Waste Feed		Waste Type							
Code	Description	Code		Description		Code		Description					
1930	201												
Emission Source		Date of Construction		Date of Operation		Date of Removal		Control Type		Manufacturers Name/Model No.			
ID	Type							Code	Description				
WIN52	K							028		Westinghouse 501FD			
Design Capacity		Design Capacity Units		Waste Feed		Waste Type							
Code	Description	Code		Description		Code		Description					
1930	201												
Emission Source		Date of Construction		Date of Operation		Date of Removal		Control Type		Manufacturers Name/Model No.			
ID	Type							Code	Description				
WIN53	K							028		Westinghouse 501FD			
Design Capacity		Design Capacity Units		Waste Feed		Waste Type							
Code	Description	Code		Description		Code		Description					
1930	201												
Emission Source		Date of Construction		Date of Operation		Date of Removal		Control Type		Manufacturers Name/Model No.			
ID	Type							Code	Description				
Design Capacity		Design Capacity Units		Waste Feed		Waste Type							
Code	Description	Code		Description		Code		Description					
Emission Source		Date of Construction		Date of Operation		Date of Removal		Control Type		Manufacturers Name/Model No.			
ID	Type							Code	Description				
Design Capacity		Design Capacity Units		Waste Feed		Waste Type							
Code	Description	Code		Description		Code		Description					

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-						-			

Section IV - Emission Unit Information (continued)

Process Information										Continuation Sheet(s)							
EMISSION UNIT		U	-	0	0	0	0	0	1	PROCESS				G	A	S	
Description																	
Combustion turbine generators firing natural gas with no supplemental firing of the HRSGs.																	
Source Classification Code (SCC)		Total Thruput		Thruput Quantity Units													
		Quantity/Hr	Quantity/Yr	Code		Description											
2-01-002-01																	
Confidential			Operating Schedule			Building		Floor/Location									
<input checked="" type="checkbox"/> Operating at Maximum Capacity Activity with Insignificant Emissions			Hrs/Day	Days/Yr													
					1		1										
Emission Source/Control Identifier(s)																	
CTG41 - CTG43		COC41 - COC43		SCR41 - SCR43													
CTG41 - CTG43		COC51 - COC53		SCR51 - SCR53													
EMISSION UNIT		U	-	0	0	0	0	0	1	PROCESS				O	I	L	
Description																	
Combustion turbine generators firing 0.05% distillate oil with no supplemental firing of the HRSGs.																	
Source Classification Code (SCC)		Total Thruput		Thruput Quantity Units													
		Quantity/Hr	Quantity/Yr	Code		Description											
2-01-001-01																	
Confidential			Operating Schedule			Building		Floor/Location									
Operating at Maximum Capacity Activity with Insignificant Emissions			Hrs/Day	Hrs/Yr													
			16	750	1		1										
Emission Source/Control Identifier(s)																	
CTG41 - CTG43		COC41 - COC43		SCR41 - SCR43		WIN41 - WIN43											
CTG41 - CTG43		COC51 - COC53		SCR51 - SCR53		WIN51 - WIN53											

Section IV - Emission Unit Information (continued)[illegible]

Section IV - Emission Unit Information (continued)

Emission Unit Compliance Certification								Continuation Sheet(s)	
Rule Citation									
Title 40	Type CFR	Part 60	Sub Part GG	Section 334	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
<input checked="" type="checkbox"/> Applicable Federal Requirement State Only Requirement						Capping			
Emission Unit U - 00001	Emission Point	Process	Emission Source	CAS No.	Contaminant Name				
Monitoring Information									
<input checked="" type="checkbox"/> Continuous Emission Monitoring <input checked="" type="checkbox"/> Intermittent Emission Testing Ambient Air Monitoring				Monitoring of Process or Control Device Parameters as Surrogate <input checked="" type="checkbox"/> Work Practice Involving Specific Operations <input checked="" type="checkbox"/> Record Keeping/Maintenance Procedures					
Description									
Astoria Generating will employ CEMS to monitor emissions and operating parameters. A monitoring plan will be submitted at a later date.									
Work Practice Type		Process Material				Reference Test Method			
Code		Description							
Parameter						Manufacturer Name/Model No.			
Code		Description							
Limit				Limit Units					
Upper		Lower		Code		Description			
Averaging Method			Monitoring Frequency			Reporting Requirements			
Code		Description		Code		Description		Code Description	

New York State Department of Environmental Conservation

Air Permit Application



DEC ID									
-					-				

Section IV - Emission Unit Information

Emission Unit	Emission Point	Process	Emission Source	Emission Unit Applicable Federal Requirements (continuation)									
				Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
U- 00001				6	NYCRR	227	2	5	b				
U- 00001				6	NYCRR	227		6					
U- 00001				6	NYCRR	227	3						
U- 00001				40	CFR	60	A	7					
U- 00001				40	CFR	60	A	8					
U- 00001				40	CFR	60	A	11					
U- 00001				40	CFR	60	A	12					
U- 00001				40	CFR	60	A	13					
U- 00001				40	CFR	60	A	19					
U- 00001				40	CFR	60	GG	332					
U- 00001				40	CFR	60	GG	333					
U- 00001				40	CFR	60	GG	335					
U- 00001				40	CFR	75	A						
U- 00001				40	CFR	75	B						
U- 00001				40	CFR	75	C						
U- 00001				40	CFR	75	D						
U- 00001				40	CFR	75	F						
U- 00001				40	CFR	75	G						
U- 00001		DBG		40	CFR	60	Db	40b	a				
U- 00001		DBG		40	CFR	60	Db	44b	a	4	i		
U- 00001		DBG		40	CFR	60	Db	44b	h				
U- 00001		DBG		40	CFR	60	Db	44b	i				
U- 00001		DBG		40	CFR	60	Db	44b	j				
U- 00001		DBG		40	CFR	60	Db	44b	j	1			
U- 00001		DBG		40	CFR	60	Db	46b	a				
U- 00001		DBG		40	CFR	60	Db	46b	c				
U- 00001		DBG		40	CFR	60	Db	46b	e				
U- 00001		DBG		40	CFR	60	Db	46b	e	1			
U- 00001		DBG		40	CFR	60	Db	46b	e	4			
U- 00001		DBG		40	CFR	60	Db	46b	f				
U- 00001		DBG		40	CFR	60	Db	46b	g				
U- 00001		DBG		40	CFR	60	Db	48b	b				
U- 00001		DBG		40	CFR	60	Db	48b	b	2			
U- 00001		DBG		40	CFR	60	Db	48b	c				
U- 00001		DBG		40	CFR	60	Db	48b	d				
U- 00001		DBG		40	CFR	60	Db	48b	e	2			
U- 00001		DBG		40	CFR	60	Db	48b	f				
U- 00001		DBG		40	CFR	60	Db	48b	g	1			

DEC ID											
	-					-					

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New York State Department of Environmental Conservation

Air Permit Application



DEC ID									
-						-			

Section IV - Emission Unit Information (continued)

Determination of Non-Applicability (Title V Only)										Continuation Sheet(s)			
Rule Citation													
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause				
Emission Unit	Emission Point	Process	Emission Source			Applicable Federal Requirement State Only Requirement							
-													
Description													
Rule Citation													
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause				
Emission Unit	Emission Point	Process	Emission Source			Applicable Federal Requirement State Only Requirement							
-													
Description													
Process Emissions Summary										<input checked="" type="checkbox"/> Continuation Sheet(s)			
EMISSION UNIT	U	-	0	0	0	0	1			PROCESS	G	A	S
CAS No.	Contaminant Name				% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
0NY210 - 00 - 0	Oxides of Nitrogen						90	1142	09				
PTE				Standard Units	PTE How Determined		Actual						
(lbs/hr)	(lbs/yr)		(standard units)				(lbs/hr)	(lbs/yr)					
114	883,008		2.5	275	09								
EMISSION UNIT	U	-	0	0	0	0	1			PROCESS	G	A	S
CAS No.	Contaminant Name				% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
0NY998 - 00 - 0	VOC						40	29.4	09				
PTE				Standard Units	PTE How Determined		Actual						
(lbs/hr)	(lbs/yr)		(standard units)				(lbs/hr)	(lbs/yr)					
17.4	89,352		1.4	275	09								
EMISSION UNIT	U	-	0	0	0	0	1			PROCESS	G	A	S
CAS No.	Contaminant Name				% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
007446 - 09 - 5	Sulfur Dioxide							6.6	02				
PTE				Standard Units	PTE How Determined		Actual						
(lbs/hr)	(lbs/yr)		(standard units)				(lbs/hr)	(lbs/yr)					
6.6	52,560		0.001	7	02								

New York State Department of Environmental Conservation

Air Permit Application



DEC ID									
-					-				

Section IV - Emission Unit Information

Process Emissions Summary (continuation)													
EMISSION UNIT	U	-	0	0	0	0	1						
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	PROCESS	G	A	S
000630 - 08 - 0	Carbon Monoxide								95	ERP (lbs/hr)	ERP How Determined		
PTE						Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)					
114	430,992		5		275	09							
EMISSION UNIT	U	-	0	0	0	0	1						
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	PROCESS	G	A	S
0NY075 - 00 - 5	PM-10									ERP (lbs/hr)	ERP How Determined		
PTE						Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)					
107.4	867,240		0.09		7	09							
EMISSION UNIT	U	-	0	0	0	0	1						
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	PROCESS	G	A	S
0NY075 - 00 - 0	HAP (total combined)									ERP (lbs/hr)	ERP How Determined		
PTE						Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)					
2.35	20,568		1.24x10 ⁻³		7	03							
EMISSION UNIT	U	-	0	0	0	0	1						
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	PROCESS	G	A	S
000050 - 00 - 0	Formaldehyde									ERP (lbs/hr)	ERP How Determined		
PTE						Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)					
0.32	2,803		2.84x10 ⁻⁵		7	03							
EMISSION UNIT	U	-	0	0	0	0	1						
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	PROCESS	G	A	S
007664-93-9	Sulfuric Acid									ERP (lbs/hr)	ERP How Determined		
PTE						Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)					
0.78	6,307		0.00006		7	09							
EMISSION UNIT	U	-	0	0	0	0	1						
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	PROCESS	G	A	S
007664-41-7	Ammonia									ERP (lbs/hr)	ERP How Determined		
PTE						Standard Units	PTE How Determined	Actual					
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)					
205.8	1,645,128		10		275	03							

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-									

Section IV - Emission Unit Information

Process Emissions Summary (continuation)														
EMISSION UNIT	U	-	0	0	0	0	0	1			PROCESS	O	I	L
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined			
0NY210 - 00 - 0	Oxides of Nitrogen								85.7	2,049	09			
PTE						Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)						
292.8	193,500		3.36		275			09						
0NY998 - 00 - 0	VOC								40	166.2	09			
PTE						Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)						
99.6	66,150		6.0		275			09						
007446 - 09 - 5	Sulfur Dioxide									642	02			
PTE						Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)						
642	424,800		0.051		7			02						
00630 - 08 - 0	Carbon Monoxide								80	890.4	09			
PTE						Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)						
178.2	117,900		6		275			09						
0NY075 - 00 - 5	PM-10									490.2	09			
PTE						Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)						
490.2	332,550		0.046		7			09						
0NY075 - 00 - 0	HAP (total combined)									16.09	02			
PTE						Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)						
13.96	10,471		6.71x10 ⁻³		7			02						

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-									

Section IV - Emission Unit Information

Process Emissions Summary (continuation)																
EMISSION UNIT	U	-	0	0	0	0	1						PROCESS	O	I	L
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined					
000050 - 00 - 0	Formaldehyde									3.27	02					
PTE						Standard Units	PTE How Determined	Actual								
(lbs/hr)	(lbs/yr)		(standard units)					(lbs/hr)	(lbs/yr)							
3.27	2,452.5		2.80Ex10 ⁻⁴			7	02									
EMISSION UNIT	U	-	0	0	0	0	1						PROCESS	O	I	L
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined					
007664-93-9	Sulfuric acid									73.8	02					
PTE						Standard Units	PTE How Determined	Actual								
(lbs/hr)	(lbs/yr)		(standard units)					(lbs/hr)	(lbs/yr)							
73.8	48,600		0.006			7	02									
EMISSION UNIT	U	-	0	0	0	0	1						PROCESS	O	I	L
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined					
007664-41-7	Ammonia									206.4	09					
PTE						Standard Units	PTE How Determined	Actual								
(lbs/hr)	(lbs/yr)		(standard units)					(lbs/hr)	(lbs/yr)							
206.4	154,800		10			275	09									
EMISSION UNIT	U	-	0	0	0	0	1						PROCESS	O	I	L
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined					
007439-92-1	Lead									122.6	02					
PTE						Standard Units	PTE How Determined	Actual								
(lbs/hr)	(lbs/yr)		(standard units)					(lbs/hr)	(lbs/yr)							
0.16	122.6		1.4x10 ⁻⁵			7	02									
EMISSION UNIT	U	-	0	0	0	0	1						PROCESS	D	B	G
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined					
0NY210 - 00 - 0	Oxides of Nitrogen								95	1,155.6	09					
PTE						Standard Units	PTE How Determined	Actual								
(lbs/hr)	(lbs/yr)		(standard units)					(lbs/hr)	(lbs/yr)							
115.8	456,192		2.5			275	09									

New York State Department of Environmental Conservation Air Permit Application



DEC ID									
-	-	-	-	-	-	-	-	-	-

Section IV - Emission Unit Information

Process Emissions Summary (continuation)											
EMISSION UNIT	U	-	0	0	0	0	0	1			
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
0NY998-00-0	VOC								40	20.4	09
PTE						Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)			
12.6	54,432		0.9		275						
EMISSION UNIT	U	-	0	0	0	0	0	1			
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
007446-09-5	Sulfur Dioxide									7.2	09
PTE						Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)			
7.2	28,512		0.001		7						
EMISSION UNIT	U	-	0	0	0	0	0	1			
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
000630-080-0	Carbon Monoxide								80	292.8	09
PTE						Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)			
58.8	254,016		2.4		275						
Process Emissions Summary (continuation)											
EMISSION UNIT	U	-	0	0	0	0	0	1			
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
0NY075-00-5	PM-10									123	09
PTE						Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)			
123	448,416		0.010		7	09					
EMISSION UNIT	U	-	0	0	0	0	0	1			
CAS No.	Contaminant Name						% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined
0NY100-00-0	HAP (total combined)									6.63	02
PTE						Standard Units	PTE How Determined	Actual			
(lbs/hr)	(lbs/yr)		(standard units)		(lbs/hr)			(lbs/yr)			
3.98	15,724		1.88x10 ⁻³		7						

New York State Department of Environmental Conservation Air Permit Application



DEC ID									

Section IV - Emission Unit Information

Process Emissions Summary (continuation)																
EMISSION UNIT	U	-	0	0	0	0	0	1					PROCESS	D	B	G
CAS No.	Contaminant Name							% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
000050-00-0	Formaldehyde										0.38	02				
PTE								Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)			(lbs/hr)	(lbs/yr)									
0.38	1,681.92		1.99x10 ⁻⁴													
EMISSION UNIT	U	-	0	0	0	0	0	1					PROCESS	D	B	G
CAS No.	Contaminant Name							% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
007664-93-9	Sulfuric Acid										0.78	09				
PTE								Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)			(lbs/hr)	(lbs/yr)									
0.78	3,110		0.00007													
EMISSION UNIT	U	-	0	0	0	0	0	1					PROCESS	D	B	G
CAS No.	Contaminant Name							% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
007664-41-7	Ammonia										205.8	09				
PTE								Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)			(lbs/hr)	(lbs/yr)									
205.8	904,032		10													
EMISSION UNIT	U	-	0	0	0	0	0	1					PROCESS	D	B	G
CAS No.	Contaminant Name							% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
007439-92-1	Lead										0.001	02				
PTE								Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)			(lbs/hr)	(lbs/yr)									
0.001	2.88		4.9x10 ⁻⁷													
EMISSION UNIT		-											PROCESS			
CAS No.	Contaminant Name							% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
PTE								Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)			(lbs/hr)	(lbs/yr)									
EMISSION UNIT		-											PROCESS			
CAS No.	Contaminant Name							% Thruput	% Capture	% Control	ERP (lbs/hr)	ERP How Determined				
PTE								Standard Units	PTE How Determined	Actual						
(lbs/hr)	(lbs/yr)		(standard units)			(lbs/hr)	(lbs/yr)									

New York State Department of Environmental Conservation
Air Permit Application



DEC ID											
-											

APPLICATION ID											
-										/	

OFFICE USE ONLY											

P.E. Certification

I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments as they pertain to the practice of engineering. This is defined as the performance of a professional service such as consultation, investigation, evaluation, planning, design or supervision of construction or operation in connection with any utilities, structures, buildings, machines, equipment, processes, works, or projects wherein the safeguarding of life, health and property is concerned, when such service or work requires the application of engineering principals and data. Based on my inquiry of those individuals with primary responsibility for obtaining such information, I certify that the statements and information are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

This PE Certification is applicable only to the air permit application forms and attachments and is not applicable to the Air Quality Evaluation and Construction Permit Application as a whole. The PE certification is based upon site plans and supporting information provided by individuals working under, through, and for Astoria Generating Repowering Project.

Name of P.E. Kelly A. Cowan

Signature of P.E. *Kelly A. Cowan*

Date 217101

NYS License No. 077116

Phone (401)424-0398



New York State Department of Environmental Conservation

Air Permit Application



DEC ID									
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APPLICATION ID														
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List of Exempt Activities (from NYCRR Part 201)

Instructions for Completing Table

Applicants for Title V permits are required to provide a list of exempt activities in the application form. This includes all process or production units and other emission generating activities which are considered exempt as defined by 6 NYCRR Part 301-3.2. Completion of this table fulfills that requirement.

To complete the table, provide the following information for each exempt activity that occurs at the facility defined by this application:

- The approximate number of each listed activity, and,
- For location of the activity enter the building ID(s) used in the main application form. Use the building name if a building ID(s) has not been assigned.

If a listed activity does not occur at the facility, leave blank.

Combustion			
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location
(1)	stationary or portable combustion installations where the furnace has a maximum rated heat input capacity <10mmBtu/hr burning fossil fuels, other than coal, and coal and wood fired stationary combustion units with a maximum heat input <1mmBtu/hr. - this includes unit space heaters, which burn waste oils as defined in 6 NYCRR Part 225-2 and generated on-site, alone or in conjunction with used oil generated by a do-it-yourself oil changer as defined in 6 NYCRR Subpart 374-2		
(2)	stationary or portable combustion installations located outside of any severe ozone non-attainment areas, where the furnace has a maximum rated heat input capacity <20 mmBtu/hr burning fossil fuels other than coal, where the construction of the combustion installation commenced before 6/8/89		
(3)(i)	diesel or natural gas powered stationary or portable internal combustion (IC) engines within any severe ozone non-attainment area having a maximum mechanical power rating <225bhp		
(3)(ii)	diesel or natural gas powered stationary or portable IC engines located outside of any severe ozone non-attainment areas having a maximum mechanical power rating <400 bhp		
(3)(iii)	gasoline powered IC engines having a maximum mechanical power rating <50bhp		
(4)	stationary or portable IC engines which are temporarily located at a facility for a period <30 days/calendar year, where the total combined maximum mechanical power rating for all affected units is <1000bhp		
(5)	gas turbines with a heat input at peak load <10mmBtu/hr		
(6)	emergency power generating units installed for use when the usual sources of heat, power, water and lighting are temporarily unobtainable, or which are installed to provide power <500 hrs/yr and excluding those units under contract w/ a utility to provide peak shaving generation to the grid	2	
Combustion-Related			
(7)	non-contact water cooling towers and water treatment systems for process cooling water and other water containers designed to cool, store or otherwise handle water that has not been in direct contact with gaseous or liquid process streams	2	

New York State Department of Environmental Conservation

Air Permit Application



DEC ID									
-					-				

List of Exempt Activities (from NYCRR Part 201)

Agricultural			
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location
(8)	feed and grain milling, cleaning, conveying, drying and storage operations including grain storage silos, where such silos exhaust to an appropriate emission control device, excluding grain terminal elevators with permanent storage capacities over 2.5 million US bushels, and grain storage elevators with capacities above 1 million bushels	6	
(9)	equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators and electrical power generating equipment		
Commercial-Food Service Industries			
(10)	flour silos at bakeries, provided all such silos are exhausted through an appropriate emission control device		
(11)	emissions from flavorings, added to a food product where such flavors are manually added to the product		
Commercial-Graphic Arts			
(12)	screen printing inks/coatings or adhesives which are applied by a hand-held squeegee (i.e. one that is not propelled thru the use of mechanical conveyance and is not an integral part of the screen printing process)		
(13)	graphic arts processes at facilities located outside the NYC metropolitan area whose facility-wide total emissions or VOC=s from inks, coatings, adhesives, fountain solutions and cleaning solutions does not exceed 20 lbs/day		
(14)	graphic label and/or box labeling operations where the inks are applied by stamping or rolling		
(15)	graphic arts processes which are specifically exempted from regulation under Part 234 with regard to emissions of VOC=s which are not given an A rating		
Commercial-Other			
(16)	gasoline dispensing sites with an annual thruput <120,000 gal located outside any severe non-attainment areas		
(17)	surface coating related operations which use less than 25 gal/mo of coating materials (paints) and cleaning solvents, combined, subject to the following: <ul style="list-style-type: none"> - the facility is located outside of severe ozone non-attainment area - all abrasive cleaning and surface coating operations are performed in an enclosed building where such operations are exhausted into appropriate emission control devices 		
(18)	abrasive cleaning operations which exhaust to an appropriate emission control device		
(19)	ultraviolet curing operations		
Municipal/Public Health Related			
(20)	ventilating systems for landfill gases, where the systems are vented directly to the atmosphere, and the ventilating system has been required by, and is operating under, the conditions of a valid Part 360 permit, or Order on Consent		

New York State Department of Environmental Conservation

Air Permit Application



DEC ID											
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List of Exempt Activities (from NYCRR Part 201)

Storage Vessels			
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location
(21)	distillate and residual fuel oil storage tanks with storage capacities <300,000 bbls	4	
(22)	pressurized fixed roof tanks which are capable of maintaining a working pressure at all times to prevent emissions of VOC=s to the outdoor atmosphere		
(23)	external floating roof tanks which are of welded construction and are equipped with a metallic-type shoe primary seal and a secondary seal from the top of the shoe seal to the tank wall		
(24)(i)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a <i>metallic-type shoe seal</i>		
(24)(ii)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a <i>liquid-mounted foam seal</i>		
(24)(iii)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a <i>liquid-mounted liquid-filled type seal</i>		
(24)(iv)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a <i>control equipment or device equivalent to those previously listed in items (24) (i) thru (iii)</i>		
(25)	storage tanks, with capacities <10,000 gal, except those subject to either Part 229 or Part 233		
(26)	horizontal petroleum storage tanks		
(27)	storage silos storing solid materials, provided all such silos are exhausted thru an appropriate emission control device		
Industrial			
(28)	processing equipment at existing sand and gravel and stone crushing plants which were installed or constructed before 8/31/83, where water is used other than for dust suppression, such as wet conveying, separating and washing		
(29)(i)	all processing equipment at sand and gravel mines or quarries that <i>permanent or fixed installations with a maximum rated processing capacity ≤25 tph of minerals</i>		
(29)(ii)	all processing equipment at sand and gravel mines or quarries that <i>mobile (portable) installations with a maximum rated processing capacity ≤150 tph of minerals</i>		
(30)	mobile (portable) stone crushers with maximum rated capacities ≤150 tph of minerals which are located at nonmetallic mineral processing operations		
(31)	surface coating operations which are specifically exempted from regulation under Part 228, with regard to emissions of VOC=s which are not given an A rating		
(32)	pharmaceutical tablet branding operations		
(33)	thermal packaging operations, including but not limited to, thermage labeling, blister packing, shrink wrapping, shrink banding, and carton gluing		

New York State Department of Environmental Conservation

Air Permit Application



DEC ID									
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List of Exempt Activities (from NYCRR Part 201)

Industrial (continued)			
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location
(34)	powder coating operations		
(35)	all tumblers used for the cleaning and/or deburring of metal products without abrasive blasting		
(36)	presses used exclusively for molding or extruding plastics except where halogenated carbon compounds or hydrocarbon solvents are used as foaming agents		
(37)	concrete batch plants where the cement weigh hopper and all bulk storage silos are exhausted thru fabric filters, and the batch drop point is controlled by a shroud or other emission control device		
(38)	cement storage operations where materials are transported by screw or bucket conveyors		
(39)(i)	non-vapor phase cleaning equipment with an open surface area ≤ 11 sq ft and an internal volume ≤ 93 gal or, having an organic solvent loss ≤ 3 gal/day		
(39)(ii)	non-vapor phase cleaning equipment using only organic solvents with an initial boiling point $\geq 300^{\circ}\text{F}$ at atmospheric pressure		
(39)(iii)	non-vapor phase cleaning equipment using materials with a VOC content $\leq 2\%$ by volume		
Miscellaneous			
(40)	ventilating and exhaust systems for laboratory operations		
(41)	exhaust or ventilating systems for the melting of gold, silver, platinum, and other precious metals		
(42)	exhaust systems for paint mixing, transfer, filling or sampling and/or solvent storage rooms or cabinets, provided the paints stored within these locations are stored in closed containers when not in use		
(43)	exhaust systems for solvent transfer, filling or sampling and/or solvent storage rooms provided the solvent stored within these locations are stored in closed containers when not in use		
(44)	research and development activities, including both stand-alone and activities within a major stationary source, until such time as the Administrator completes a rulemaking to determine how the permitting program should be constructed for these activities		
(45)	the application of odor counteractants and/or neutralizers		

APPENDIX 15-F

Draft Title IV Acid Rain Permit Application



Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 72.24

This submission is: ☒ New ☐ Revised (revised submissions must be completed in full; see instructions)

This submission includes combustion or process sources under 40 CFR part 74 ☐

STEP 1

Identify the source by plant name, State, and ORIS code.

Plant Name Astoria Generating Station	State NY	ORIS Code 008906
--	-----------------	-------------------------

STEP 2

Enter requested information for the designated representative.

Name Donald M. McArthur	
Address Orion Power Holdings, Inc. 7 East Redwood St., 10th Floor Baltimore, MD 21202	
Phone Number (408) 267-3686	Fax Number (408) 267-9763
E-mail address (if available): don.mcarthur@orionpower.com	

STEP 3

Enter requested information for the alternate designated representative, if applicable.

Name: Harold Morrison	
Phone Number (718) 204-3970	Fax Number: (718) 204-3960
E-mail address (if available) harold.morrison@orionpowerny.com	

STEP 4

Complete Step 5, read the certifications, and sign and date. For a designated representative of a combustion or process source under 40 CFR part 74, the references in the certifications to "affected unit" or "affected units" also apply to the combustion or process source under 40 CFR part 74 and the references to "affected source" also apply to the source at which the combustion or process source is located.

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the 'designated representative' for the affected source and each affected unit at the source identified in this certificate of representation, in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Plant Name (from Step 1) **Astoria Generating Station**

Certificate - Page 2

Page 2 of 2

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Signature (designated representative)	Date
Signature (alternate designated representative)	Date

STEP 5
Provide the name of every owner and operator of the source and identify each affected unit (or combustion or process source) they own and/or operate.

Name Astoria Generating Company, L.P.					<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator	
ID# CTG 41	ID# CTG 42	ID# CTG 43	ID# CTG 51	ID# CTG 52	ID# CTG 53	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

Name: Orion Power Operating Services Astoria, Inc.					<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator	
ID# CTG 41	ID# CTG 42	ID# CTG 43	ID# CTG 51	ID# CTG 52	ID# CTG 53	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

Name					<input type="checkbox"/> Owner <input type="checkbox"/> Operator	
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

Name					<input type="checkbox"/> Owner <input type="checkbox"/> Operator	
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#



Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 72.24

This submission is: ☒ New ☐ Revised (revised submissions must be completed in full; see instructions)

This submission includes combustion or process sources under 40 CFR part 74 ☐

STEP 1

Identify the source by plant name, State, and ORIS code.

Plant Name Astoria Generating Station	State NY	ORIS Code 008906
--	-----------------	-------------------------

STEP 2

Enter requested information for the designated representative.

Name Donald M. McArthur	
Address Orion Power Holdings, Inc. 7 East Redwood St., 10th Floor Baltimore, MD 21202	
Phone Number (408) 267-3686	Fax Number (408) 267-9763
E-mail address (if available): don.mcarthur@orionpower.com	

STEP 3

Enter requested information for the alternate designated representative, if applicable.

Name: Harold Morrison	
Phone Number (718) 204-3970	Fax Number: (718) 204-3960
E-mail address (if available) harold.morrison@orionpowerny.com	

STEP 4

Complete Step 5, read the certifications, and sign and date. For a designated representative of a combustion or process source under 40 CFR part 74, the references in the certifications to "affected unit" or "affected units" also apply to the combustion or process source under 40 CFR part 74 and the references to "affected source" also apply to the source at which the combustion or process source is located.

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the 'designated representative' for the affected source and each affected unit at the source identified in this certificate of representation, in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Plant Name (from Step 1) **Astoria Generating Station**

Certificate - Page 2

Page 2 of 2

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Signature (designated representative)	Date
Signature (alternate designated representative)	Date

STEP 5
Provide the name of every owner and operator of the source and identify each affected unit (or combustion or process source) they own and/or operate.

Name Astoria Generating Company, L.P.					<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator	
ID# CTG 41	ID# CTG 42	ID# CTG 43	ID# CTG 51	ID# CTG 52	ID# CTG 53	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

Name: Orion Power Operating Services Astoria, Inc.					<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator	
ID# CTG 41	ID# CTG42	ID# CTG 43	ID# CTG 51	ID# CTG 52	ID# CTG 53	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

Name					<input type="checkbox"/> Owner <input type="checkbox"/> Operator	
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

Name					<input type="checkbox"/> Owner <input type="checkbox"/> Operator	
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#



Phase II Permit Application

Page 1

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is: ☐ New ☐ Revised

STEP 1

Identify the source by plant name, State, and ORIS code.

Plant Name: <i>Astoria Generating Station</i>	State: <i>NY</i>	ORIS Code: <i>008906</i>
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Compliance Plan

a	b		c	d	e
Unit ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)		Repowering Plan	New Units Commence Operation Date	New Units Monitor Certification Deadline*

STEP 2

Enter the unit ID# for each affected unit, and indicate whether a unit is being repowered and the repowering plan being renewed by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e.

CTG 41	Yes	No	6/2004	12/2004
CTG 42	Yes	No	6/2004	12/2004
CTG 43	Yes	No	6/2004	12/2004
CTG 51	Yes	No	6/2005	12/2005
CTG 52	Yes	No	6/2005	12/2005
CTG 53	Yes	No	6/2005	12/2005

*Based on 180 days from startup, 40 CFR 75.4.

STEP 3

Check the box if the response in column c of Step 2 is "Yes" for any unit.

☐ For each unit that is being repowered, the Repowering Extension Plan form is included.

Plant Name (from Step 1) *Astoria Generating Station*

STEP 4
Read the standard
requirements and
certification, enter
the name of the
designated repre-
sentative, and sign
and date

Standard RequirementsPermit Requirements.

- (1) The designated representative of each affected source and each affected unit at the source shall:
 - (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each affected source and each affected unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
 - (ii) Have an Acid Rain Permit.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each affected unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or an exemption under 40 CFR 72.7, 72.8, or 72.14 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 CFR part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
 - (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an affected source and each affected unit at the source shall submit the

Plant Name (from Step 1) **Astoria Generating Station**

Liability.

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7, 72.8, or 72.14, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NO_x averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7, 72.8, or 72.14 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	
Signature	Date

APPENDIX 15-G

Environmental Justice Census

(URL reload)

1990 US Census Data
Database: C90STF3A
Summary Level: State--County

Queens County: FIPS.STATE=36, FIPS.COUNTY90=081

PERSONS

Universe: Persons

Total.....1951598

RACE

Universe: Persons

White.....1130320

Black.....423439

American Indian, Eskimo, or Aleut.....5564

Asian or Pacific Islander.....238818

Other race.....153457

RACE

Universe: Persons

White (800-869, 971).....1130320

Black (870-934, 972).....423439

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....5358

Eskimo (935-940, 974).....54

Aleut (941-970, 975).....152

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....87001

Filipino (608, 977).....24691

Japanese (611, 981).....4321

Asian Indian (600, 982).....53939

Korean (612, 979).....49970

Vietnamese (619, 980).....2644

Cambodian (604).....86

Hmong (609).....0

Laotian (613).....69

Thai (618).....2346

Other Asian (601-603, 610, 614-617, 620-652, 985).....13219

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....151

Samoan (655, 983).....7

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....325

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....49

Other race (700-799, 986-999).....153457

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....371326

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....1580272

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220)	12794
Puerto Rican (003, 261-270)	94395
Cuban (004, 271-274)	18406
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289)	52309
Central American (221-230):	
Guatemalan (222)	7597
Honduran (223)	3607
Nicaraguan (224)	2773
Panamanian (225)	4050
Salvadoran (226)	10893
Other Central American (221, 227-230)	1455
South American (231-249):	
Colombian (234)	63224
Ecuadorian (235)	35412
Peruvian (237)	14875
Other South American (231-233, 236, 238-249)	17299
Other Hispanic (005, 200-209, 250-260, 290-999)	32237

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White	941890
Black	394170
American Indian, Eskimo, or Aleut	4702
Asian or Pacific Islander	233297
Other race	6213

Hispanic origin:

White	188430
Black	29269
American Indian, Eskimo, or Aleut	862
Asian or Pacific Islander	5521
Other race	147244

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years	98145
5 years	17964
6 to 11 years	107893
12 to 17 years	115132
18 to 24 years	170226
25 to 34 years	323974
35 to 44 years	261556
45 to 54 years	202324
55 to 59 years	85745
60 to 64 years	89332
65 to 74 years	144764
75 years and over	98527

Income in 1989 below poverty level:

Under 5 years	17249
5 years	3876
6 to 11 years	20246
12 to 17 years	19580
18 to 24 years	22237
25 to 34 years	36484
35 to 44 years	27568
45 to 54 years	16165
55 to 59 years	6588
60 to 64 years	8770
65 to 74 years	15155

75 years and over.....	16139
POVERTY STATUS IN 1989 BY RACE BY AGE	
Universe: Persons for whom poverty status is determined	
Income in 1989 above poverty level:	
White:	
Under 5 years.....	49840
5 years.....	9165
6 to 11 years.....	51781
12 to 17 years.....	55661
18 to 64 years.....	654709
65 to 74 years.....	114622
75 years and over.....	84625
Black:	
Under 5 years.....	24093
5 years.....	4593
6 to 11 years.....	29609
12 to 17 years.....	32274
18 to 64 years.....	238231
65 to 74 years.....	20188
75 years and over.....	9286
American Indian, Eskimo, or Aleut:	
Under 5 years.....	352
5 years.....	54
6 to 11 years.....	314
12 to 17 years.....	349
18 to 64 years.....	3048
65 to 74 years.....	235
75 years and over.....	135
Asian or Pacific Islander:	
Under 5 years.....	14200
5 years.....	2564
6 to 11 years.....	16351
12 to 17 years.....	16364
18 to 64 years.....	149346
65 to 74 years.....	7193
75 years and over.....	3127
Other race:	
Under 5 years.....	9660
5 years.....	1588
6 to 11 years.....	9838
12 to 17 years.....	10484
18 to 64 years.....	87823
65 to 74 years.....	2526
75 years and over.....	1354
Income in 1989 below poverty level:	
White:	
Under 5 years.....	6438
5 years.....	1390
6 to 11 years.....	7333
12 to 17 years.....	6750
18 to 64 years.....	49843
65 to 74 years.....	9900
75 years and over.....	12707
Black:	
Under 5 years.....	5903
5 years.....	1383
6 to 11 years.....	6598
12 to 17 years.....	6617
18 to 64 years.....	31002
65 to 74 years.....	3173

75 years and over.....	2389
American Indian, Eskimo, or Aleut:	
Under 5 years.....	30
5 years.....	11
6 to 11 years.....	140
12 to 17 years.....	98
18 to 64 years.....	592
65 to 74 years.....	27
75 years and over.....	110
Asian or Pacific Islander:	
Under 5 years.....	1881
5 years.....	312
6 to 11 years.....	2425
12 to 17 years.....	2400
18 to 64 years.....	20137
65 to 74 years.....	1336
75 years and over.....	518
Other race:	
Under 5 years.....	2997
5 years.....	780
6 to 11 years.....	3750
12 to 17 years.....	3715
18 to 64 years.....	16238
65 to 74 years.....	719
75 years and over.....	415
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	21915
5 years.....	3764
6 to 11 years.....	22945
12 to 17 years.....	24021
18 to 64 years.....	217086
65 to 74 years.....	9867
75 years and over.....	5226
Income in 1989 below poverty level:	
Under 5 years.....	6496
5 years.....	1569
6 to 11 years.....	7427
12 to 17 years.....	7296
18 to 64 years.....	36222
65 to 74 years.....	2107
75 years and over.....	1359

1990 US Census Data
Database: C90STF3A
Summary Level: State--Place

New York city: FIPS.STATE=36, FIPS.PLACE90=51000

PERSONS

Universe: Persons

Total.....7322564

RACE

Universe: Persons

White.....3831907

Black.....2107137

American Indian, Eskimo, or Aleut.....22718

Asian or Pacific Islander.....510549

Other race.....850253

RACE

Universe: Persons

White (800-869, 971).....3831907

Black (870-934, 972).....2107137

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....21543

Eskimo (935-940, 974).....564

Aleut (941-970, 975).....611

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....240014

Filipino (608, 977).....45645

Japanese (611, 981).....17700

Asian Indian (600, 982).....88247

Korean (612, 979).....71225

Vietnamese (619, 980).....8728

Cambodian (604).....2473

Hmong (609).....0

Laotian (613).....338

Thai (618).....4217

Other Asian (601-603, 610, 614-617, 620-652, 985).....29821

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....679

Samoa (655, 983).....189

Tongan (657).....10

Other Polynesian (656, 658, 659).....18

Micronesian (660-675, 984):

Guamanian (660, 984).....958

Other Micronesian (661-675).....42

Melanesian (676-680).....34

Pacific Islander, not specified (681-699).....211

Other race (700-799, 986-999).....850253

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....1737927

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....5584637

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220)	55698
Puerto Rican (003, 261-270)	861122
Cuban (004, 271-274)	57019
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289)	332713
Central American (221-230):	
Guatemalan (222)	15873
Honduran (223)	22167
Nicaraguan (224)	9372
Panamanian (225)	22707
Salvadoran (226)	23926
Other Central American (221, 227-230)	7177
South American (231-249):	
Colombian (234)	84454
Ecuadorian (235)	78444
Peruvian (237)	23257
Other South American (231-233, 236, 238-249)	33354
Other Hispanic (005, 200-209, 250-260, 290-999)	110644

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White	3178712
Black	1874892
American Indian, Eskimo, or Aleut	15149
Asian or Pacific Islander	496287
Other race	19597

Hispanic origin:

White	653195
Black	232245
American Indian, Eskimo, or Aleut	7569
Asian or Pacific Islander	14262
Other race	830656

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years	339457
5 years	64207
6 to 11 years	366041
12 to 17 years	384025
18 to 24 years	570109
25 to 34 years	1130354
35 to 44 years	930046
45 to 54 years	693319
55 to 59 years	277747
60 to 64 years	280068
65 to 74 years	446728
75 years and over	314060

Income in 1989 below poverty level:

Under 5 years	149297
5 years	30880
6 to 11 years	167409
12 to 17 years	149413
18 to 24 years	154282
25 to 34 years	222483
35 to 44 years	171855
45 to 54 years	101681
55 to 59 years	41191
60 to 64 years	46181
65 to 74 years	78108

75 years and over.....	72214
POVERTY STATUS IN 1989 BY RACE BY AGE	
Universe: Persons for whom poverty status is determined	
Income in 1989 above poverty level:	
White:	
Under 5 years.....	162511
5 years.....	30081
6 to 11 years.....	167770
12 to 17 years.....	170465
18 to 64 years.....	2175199
65 to 74 years.....	330382
75 years and over.....	259013
Black:	
Under 5 years.....	105332
5 years.....	21369
6 to 11 years.....	124516
12 to 17 years.....	134564
18 to 64 years.....	1025628
65 to 74 years.....	84202
75 years and over.....	40354
American Indian, Eskimo, or Aleut:	
Under 5 years.....	1310
5 years.....	275
6 to 11 years.....	1320
12 to 17 years.....	1190
18 to 64 years.....	11480
65 to 74 years.....	736
75 years and over.....	463
Asian or Pacific Islander:	
Under 5 years.....	28001
5 years.....	4995
6 to 11 years.....	29129
12 to 17 years.....	31377
18 to 64 years.....	306166
65 to 74 years.....	17195
75 years and over.....	7548
Other race:	
Under 5 years.....	42303
5 years.....	7487
6 to 11 years.....	43306
12 to 17 years.....	46429
18 to 64 years.....	363170
65 to 74 years.....	14213
75 years and over.....	6682
Income in 1989 below poverty level:	
White:	
Under 5 years.....	39011
5 years.....	8388
6 to 11 years.....	46670
12 to 17 years.....	39980
18 to 64 years.....	243823
65 to 74 years.....	38436
75 years and over.....	46490
Black:	
Under 5 years.....	62248
5 years.....	12319
6 to 11 years.....	67249
12 to 17 years.....	60060
18 to 64 years.....	274277
65 to 74 years.....	26666

75 years and over.....	18486
American Indian, Eskimo, or Aleut:	
Under 5 years.....	492
5 years.....	113
6 to 11 years.....	749
12 to 17 years.....	530
18 to 64 years.....	3166
65 to 74 years.....	214
75 years and over.....	211
Asian or Pacific Islander:	
Under 5 years.....	5706
5 years.....	1114
6 to 11 years.....	7168
12 to 17 years.....	7589
18 to 64 years.....	53406
65 to 74 years.....	4147
75 years and over.....	2598
Other race:	
Under 5 years.....	41840
5 years.....	8946
6 to 11 years.....	45573
12 to 17 years.....	41254
18 to 64 years.....	163001
65 to 74 years.....	8645
75 years and over.....	4429
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	84021
5 years.....	15574
6 to 11 years.....	90208
12 to 17 years.....	93719
18 to 64 years.....	794958
65 to 74 years.....	43057
75 years and over.....	21316
Income in 1989 below poverty level:	
Under 5 years.....	71282
5 years.....	15526
6 to 11 years.....	80059
12 to 17 years.....	71302
18 to 64 years.....	298991
65 to 74 years.....	19858
75 years and over.....	11515

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Select the tables you wish to retrieve:

Press Submit when done:

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U.S. Census Bureau

LIST OF TABLES (MATRICES)

Table (matrix)	Title	Total number of data cells
<input checked="" type="checkbox"/> P1.	PERSONS(1) Universe: Persons	1
<input type="checkbox"/> P2.	UNWEIGHTED SAMPLE COUNT OF PERSONS(1) Universe: Persons	1
<input type="checkbox"/> P3.	100-PERCENT COUNT OF PERSONS(1) Universe: Persons	1
<input type="checkbox"/> P3A.	PERCENT OF PERSONS IN SAMPLE(1) Universe: Persons	1
<input type="checkbox"/> P4.	FAMILIES(1) Universe: Families	1
<input type="checkbox"/> P5.	HOUSEHOLDS(1) Universe: Households	1
<input type="checkbox"/> P6.	URBAN AND RURAL(4) Universe: Persons	4
<input type="checkbox"/> P7.	SEX(2) Universe: Persons	2
<input checked="" type="checkbox"/> P8.	RACE(5) Universe: Persons	5
<input checked="" type="checkbox"/> P9.	RACE(25) Universe: Persons	25
<input checked="" type="checkbox"/> P10.	PERSONS OF HISPANIC ORIGIN(1) Universe: Persons of Hispanic origin	1
<input checked="" type="checkbox"/> P11.	HISPANIC ORIGIN(16) Universe: Persons	16
<input checked="" type="checkbox"/> P12.	HISPANIC ORIGIN(2) BY RACE(5) Universe: Persons	10
<input type="checkbox"/> P13.	AGE(31) Universe: Persons	31
<input type="checkbox"/> P14A.	RACE(1) BY SEX(1) BY AGE(31) Universe: White males	31
<input type="checkbox"/> P14B.	RACE(1) BY SEX(1) BY AGE(31) Universe: White Females	31
<input type="checkbox"/> P14C.	RACE(1) BY SEX(1) BY AGE(31) Universe: Black males	31
<input type="checkbox"/> P14D.	RACE(1) BY SEX(1) BY AGE(31) Universe: Black females	31

┐ P14E.	RACE(1) BY SEX(1) BY AGE(31) Universe: American Indian, Eskimo, or Aleut males	31
┐ P14F.	RACE(1) BY SEX(1) BY AGE(31) Universe: American Indian, Eskimo, or Aleut females	31
┐ P14G.	RACE(1) BY SEX(1) BY AGE(31) Universe: Asian and Pacific Islander males	31
┐ P14H.	RACE(1) BY SEX(1) BY AGE(31) Universe: Asian and Pacific Islander females	31
┐ P14I.	RACE(1) BY SEX(1) BY AGE(31) Universe: Other race males	31
┐ P14J.	RACE(1) BY SEX(1) BY AGE(31) Universe: Other race females	31
┐ P15A.	SEX(1) BY AGE(31) Universe: Males of Hispanic origin	31
┐ P15B.	SEX(1) BY AGE(31) Universe: Females of Hispanic origin	31
┐ P16.	PERSONS IN HOUSEHOLD(7) Universe: Households	7
┐ P17.	HOUSEHOLD TYPE AND RELATIONSHIP(15) Universe: Persons	15
┐ P18.	HOUSEHOLD TYPE AND RELATIONSHIP(12) Universe: Persons 65 years and over	12
┐ P19.	HOUSEHOLD TYPE AND PRESENCE AND AGE OF CHILDREN(7) Universe: Households	7
┐ P20.	RACE OF HOUSEHOLDER(5) BY HOUSEHOLD TYPE AND PRESENCE AND AGE OF CHILDREN(7) Universe: Households	35
┐ P21.	HOUSEHOLD TYPE AND PRESENCE AND AGE OF CHILDREN(7) Universe: Households with householder of Hispanic origin	7
┐ P22.	FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(6) Universe: Families	6
┐ P23.	FAMILY TYPE AND AGE OF CHILDREN(21) Universe: Own children under 18 years	21
┐ P24.	HOUSEHOLD TYPE(2) BY AGE OF HOUSEHOLDER(7) Universe: Households	14
┐ P25.	SUBFAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(4) Universe: Subfamilies	4
┐ P26.	SUBFAMILY TYPE AND RELATIONSHIP(7) Universe: Persons in subfamilies	7
┐ P27.	SEX(2) BY MARITAL STATUS(6) Universe: Persons 15 years and over	12
┐ P28.	AGE(3) BY LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH(10) Universe: Persons 5 years and over	30
┐ P29.	HOUSEHOLD LANGUAGE AND LINGUISTIC ISOLATION(7) Universe: Households	7
┐ P30.	AGE, LANGUAGE SPOKEN AT HOME, AND LINGUISTIC ISOLATION(33) Universe: Persons 5 years and over	33
┐ P31.	LANGUAGE SPOKEN AT HOME(26) Universe: Persons 5 years and over	26

┐ P32.	ANCESTRY(4) Universe: Persons	4
┐ P33.	ANCESTRY(36) Universe: Persons	36
┐ P34.	ANCESTRY(36) Universe: Persons	36
┐ P35.	ANCESTRY(37) Universe: Persons	37
┐ P36.	YEAR OF ENTRY(10) Universe: Foreign-born persons	10
┐ P37.	AGE(2) BY CITIZENSHIP(3) Universe: Persons	6
┐ P38.	MARITAL STATUS(2) BY AGE(4) Universe: Females 15 years and over	8
┐ P39.	AGGREGATE NUMBER OF CHILDREN EVER BORN(1) BY MARITAL STATUS(2) BY AGE(4) Universe: Females 15 years and over	8
┐ P40.	GROUP QUARTERS(10) Universe: Persons in group quarters	10
┐ P41.	GROUP QUARTERS(2) BY AGE(3) Universe: Persons in group quarters	6
┐ P42.	PLACE OF BIRTH(9) Universe: Persons	9
┐ P43.	RESIDENCE IN 1985 STATE AND COUNTY LEVEL(10) Universe: Persons 5 years and over	10
┐ P44.	RESIDENCE IN 1985 MSA/PMSA LEVEL(12) Universe: Persons 5 years and over	12
┐ P45.	PLACE OF WORK STATE AND COUNTY LEVEL(3) Universe: Workers 16 years and over	3
┐ P46.	PLACE OF WORK PLACE LEVEL(3) Universe: Workers 16 years and over	3
┐ P47.	PLACE OF WORK MSA/PMSA LEVEL(8) Universe: Workers 16 years and over	8
┐ P48.	PLACE OF WORK MINOR CIVIL DIVISION LEVEL(3) Universe: Workers 16 years and over	3
┐ P49.	MEANS OF TRANSPORTATION TO WORK(13) Universe: Workers 16 years and over	13
┐ P50.	TRAVEL TIME TO WORK(13) Universe: Workers 16 years and over	13
┐ P51.	AGGREGATE TRAVEL TIME TO WORK (IN MINUTES)(1) Universe: Workers 16 years and over who did not work at home	1
┐ P52.	TIME LEAVING HOME TO GO TO WORK(15) Universe: Workers 16 years and over	15
┐ P53.	PRIVATE VEHICLE OCCUPANCY(8) Universe: Workers 16 years and over	8
┐ P54.	SCHOOL ENROLLMENT AND TYPE OF SCHOOL(7) Universe: Persons 3 years and over	7
┐ P55.	RACE(5) BY SCHOOL ENROLLMENT (4) Universe: Persons 3 years and over	20
┐ P56.	SCHOOL ENROLLMENT (4) Universe: Persons of Hispanic origin 3 years and over	4

┐ P57.	EDUCATIONAL ATTAINMENT(7) Universe: Persons 25 years and over	7
┐ P58.	RACE(5) BY EDUCATIONAL ATTAINMENT(7) Universe: Persons 25 years and over	35
┐ P59.	EDUCATIONAL ATTAINMENT(7) Universe: Persons of Hispanic origin 25 years and over	7
┐ P60.	EDUCATIONAL ATTAINMENT(7) Universe: Persons 18 years and over	7
┐ P61.	SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, AND EMPLOYMENT STATUS(13) Universe: Persons 16 to 19 years	13
┐ P62.	RACE(5) BY SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, AND EMPLOYMENT STATUS(13) Universe: Persons 16 to 19 years	65
┐ P63.	SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, AND EMPLOYMENT STATUS(13) Universe: Persons of Hispanic origin 16 to 19 years	13
┐ P64.	SEX(2) BY AGE(2) BY VETERAN STATUS(3) Universe: Persons 16 years and over	12
┐ P65.	PERIOD OF MILITARY SERVICE(13) Universe: Civilian veterans 16 years and over	13
┐ P66.	SEX(2) BY AGE(2) BY WORK DISABILITY STATUS AND EMPLOYMENT STATUS(7) Universe: Civilian noninstitutionalized persons 16 years and over	28
┐ P67.	SEX(2) BY AGE(2) BY MOBILITY LIMITATION STATUS(2) BY EMPLOYMENT STATUS(3) Universe: Civilian noninstitutionalized persons 16 years and over	24
┐ P68.	SEX(2) BY AGE(2) BY WORK DISABILITY STATUS(2) BY MOBILITY AND SELF-CARE LIMITATION STATUS(2) Universe: Civilian noninstitutionalized persons 16 years and over	16
┐ P69.	SEX(2) BY AGE(3) BY MOBILITY AND SELF-CARE LIMITATION STATUS(4) Universe: Civilian noninstitutionalized persons 16 years and over	24
┐ P70.	SEX(2) BY EMPLOYMENT STATUS(4) Universe: Persons 16 years and over	8
┐ P71.	RACE(5) BY SEX(2) BY EMPLOYMENT STATUS(4) Universe: Persons 16 years and over	40
┐ P72.	SEX(2) BY EMPLOYMENT STATUS(4) Universe: Persons of Hispanic origin 16 years and over	8
┐ P73.	PRESENCE AND AGE OF CHILDREN AND EMPLOYMENT STATUS(12) Universe: Females 16 years and over	12
┐ P74.	PRESENCE AND AGE OF CHILDREN(2) BY EMPLOYMENT STATUS OF PARENTS(8) Universe: Own children under 18 years in families and subfamilies	16
┐ P75.	SEX(2) BY WORK STATUS IN 1989(2) Universe: Persons 16 years and over	4
┐ P76.	SEX(2) BY WORK STATUS IN 1989, USUAL HOURS WORKED PER WEEK IN 1989, AND WEEKS WORKED IN 1989(19) Universe: Persons 16 years and over	38

┐ P77.	INDUSTRY(17)	17
	Universe: Employed persons 16 years and over	
┐ P78.	OCCUPATION(13)	13
	Universe: Employed persons 16 years and over	
┐ P79.	CLASS OF WORKER(7)	7
	Universe: Employed persons 16 years and over	
┐ P80.	HOUSEHOLD INCOME IN 1989(25)	25
	Universe: Households	
┐ P80A.	MEDIAN HOUSEHOLD INCOME IN 1989(1)	1
	Universe: Households	
┐ P81.	AGGREGATE HOUSEHOLD INCOME IN 1989(2)	2
	Universe: Households	
┐ P82.	RACE OF HOUSEHOLDER(5) BY HOUSEHOLD INCOME IN 1989(9)	45
	Universe: Households	
┐ P83.	HOUSEHOLD INCOME IN 1989(9)	9
	Universe: Households with householder of Hispanic origin	
┐ P84.	AGGREGATE HOUSEHOLD INCOME IN 1989(1) BY RACE OF HOUSEHOLDER(5)	5
	Universe: Households	
┐ P85.	AGGREGATE HOUSEHOLD INCOME IN 1989(1)	1
	Universe: Households with householder of Hispanic origin	
┐ P86.	AGE OF HOUSEHOLDER(7) BY HOUSEHOLD INCOME IN 1989(9)	63
	Universe: Households	
┐ P87A.	RACE OF HOUSEHOLDER(1) BY AGE OF HOUSEHOLDER(7) BY HOUSEHOLD INCOME IN 1989(9)	63
	Universe: White households	
┐ P87B.	RACE OF HOUSEHOLDER(1) BY AGE OF HOUSEHOLDER(7) BY HOUSEHOLD INCOME IN 1989(9)	63
	Universe: Black households	
┐ P87C.	RACE OF HOUSEHOLDER(1) BY AGE OF HOUSEHOLDER(7) BY HOUSEHOLD INCOME IN 1989(9)	63
	Universe: American Indian, Eskimo, or Aleut households	
┐ P87D.	RACE OF HOUSEHOLDER(1) BY AGE OF HOUSEHOLDER(7) BY HOUSEHOLD INCOME IN 1989(9)	63
	Universe: Asian and Pacific Islander households	
┐ P87E.	RACE OF HOUSEHOLDER(1) BY AGE OF HOUSEHOLDER(7) BY HOUSEHOLD INCOME IN 1989(9)	63
	Universe: Other race households	
┐ P88.	AGE OF HOUSEHOLDER(7) BY HOUSEHOLD INCOME IN 1989(9)	63
	Universe: Households with householder of Hispanic origin	
┐ P89.	EARNINGS IN 1989(2)	2
	Universe: Households	
┐ P90.	WAGE OR SALARY INCOME IN 1989(2)	2
	Universe: Households	
┐ P91.	NONFARM SELF-EMPLOYMENT INCOME IN 1989(2)	2
	Universe: Households	
┐ P92.	FARM SELF-EMPLOYMENT INCOME IN 1989(2)	2
	Universe: Households	
┐ P93.	INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(2)	2
	Universe: Households	
┐ P94.	SOCIAL SECURITY INCOME IN 1989(2)	2
	Universe: Households	
┐ P95.	PUBLIC ASSISTANCE INCOME IN 1989(2)	2

	Universe: Households	
┐ P96.	RETIREMENT INCOME IN 1989(2) Universe: Households	2
┐ P97.	OTHER TYPE OF INCOME IN 1989(2) Universe: Households	2
┐ P98.	AGGREGATE WAGE OR SALARY INCOME IN 1989(1) Universe: Households	1
┐ P99.	AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989(1) Universe: Households	1
┐ P100.	AGGREGATE FARM SELF-EMPLOYMENT INCOME IN 1989(1) Universe: Households	1
┐ P101.	AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(11) Universe: Households	
┐ P102.	AGGREGATE SOCIAL SECURITY INCOME IN 1989(1) Universe: Households	1
┐ P103.	AGGREGATE PUBLIC ASSISTANCE INCOME IN 1989(1) Universe: Households	1
┐ P104.	AGGREGATE RETIREMENT INCOME IN 1989(1) Universe: Households	1
┐ P105.	AGGREGATE OTHER TYPE OF INCOME IN 1989(1) Universe: Households	1
┐ P106.	AGGREGATE PERSONS IN HOUSEHOLDS(1) BY PUBLIC ASSISTANCE INCOME IN 1989(2) BY AGE(3) Universe: Persons in households	6
┐ P107.	FAMILY INCOME IN 1989(25) Universe: Families	25
┐ P107A.	MEDIAN FAMILY INCOME IN 1989(1) Universe: Families	1
┐ P108.	AGGREGATE FAMILY INCOME IN 1989(1) BY FAMILY INCOME IN 1989(2) Universe: Families	
┐ P109.	AGGREGATE FAMILY INCOME IN 1989(1) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(6) Universe: Families	6
┐ P110.	NONFAMILY HOUSEHOLD INCOME IN 1989(25) Universe: Nonfamily households	25
┐ P110A.	MEDIAN NONFAMILY HOUSEHOLD INCOME IN 1989(1) Universe: Nonfamily households	1
┐ P111.	AGGREGATE NONFAMILY HOUSEHOLD INCOME IN 1989(1) BY NONFAMILY HOUSEHOLD INCOME IN 1989(2) Universe: Nonfamily households	2
┐ P112.	WORKERS IN FAMILY IN 1989(4) Universe: Families	4
┐ P113.	AGGREGATE FAMILY INCOME IN 1989(1) BY WORKERS IN FAMILY IN 1989(4) Universe: Families	4
┐ P114.	AGGREGATE INCOME IN 1989(1) BY GROUP QUARTERS(3) Universe: Persons 15 years and over	3
┐ P114A.	PER CAPITA INCOME IN 1989(1) Universe: Persons	1
┐ P114B.	PER CAPITA INCOME IN 1989(1) BY GROUP QUARTERS(3) Universe: Persons	3
┐ P115.	AGGREGATE INCOME IN 1989(1) BY RACE(5)	5

Universe: Persons 15 years and over		
<input type="checkbox"/> P115A.	PER CAPITA INCOME IN 1989(1) BY RACE(5)	5
Universe: Persons		
<input type="checkbox"/> P116.	AGGREGATE INCOME IN 1989(1)	1
Universe: Persons of Hispanic origin 15 years and over		
<input type="checkbox"/> P116A.	PER CAPITA INCOME IN 1989(1)	1
Universe: Persons of Hispanic origin		
<input checked="" type="checkbox"/> P117.	POVERTY STATUS IN 1989(2) BY AGE(12)	24
Universe: Persons for whom poverty status is determined		
<input type="checkbox"/> P118.	POVERTY STATUS IN 1989(2) BY SEX(2) BY AGE(7)	28
Universe: Persons for whom poverty status is determined		
<input checked="" type="checkbox"/> P119.	POVERTY STATUS IN 1989(2) BY RACE(5) BY AGE(7)	70
Universe: Persons for whom poverty status is determined		
<input checked="" type="checkbox"/> P120.	POVERTY STATUS IN 1989(2) BY AGE(7)	14
Universe: Persons of Hispanic origin for whom poverty status is determined		
<input type="checkbox"/> P121.	RATIO OF INCOME IN 1989 TO POVERTY LEVEL(9)	9
Universe: Persons for whom poverty status is determined		
<input type="checkbox"/> P122.	POVERTY STATUS IN 1989(2) BY AGE(3) BY HOUSEHOLD TYPE AND RELATIONSHIP(9)	54
Universe: Persons for whom poverty status is determined		
<input type="checkbox"/> P123.	POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(12)	24
Universe: Families		
<input type="checkbox"/> P124A.	POVERTY STATUS IN 1989(1) BY RACE OF HOUSEHOLDER(5) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(12)	60
Universe: Families with income in 1989 above poverty level		
<input type="checkbox"/> P124B.	POVERTY STATUS IN 1989(1) BY RACE OF HOUSEHOLDER(5) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(12)	60
Universe: Families with income in 1989 below poverty level		
<input type="checkbox"/> P125.	POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(12)	24
Universe: Families with householder of Hispanic origin		
<input type="checkbox"/> P126.	POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND AGE(9)	18
Universe: Related children under 18 years		
<input type="checkbox"/> P127.	POVERTY STATUS IN 1989(2) BY AGE OF HOUSEHOLDER(3) BY HOUSEHOLD TYPE(5)	30
Universe: Households		
<input type="checkbox"/> P128.	IMPUTATION OF POPULATION ITEMS(3)	3
Universe: Persons		
<input type="checkbox"/> P129.	IMPUTATION OF RELATIONSHIP(2)	2
Universe: Persons in households		
<input type="checkbox"/> P130.	IMPUTATION OF SEX(3)	3
Universe: Persons		
<input type="checkbox"/> P131.	IMPUTATION OF AGE(3)	3
Universe: Persons		
<input type="checkbox"/> P132.	IMPUTATION OF RACE(3)	3
Universe: Persons		
<input type="checkbox"/> P133.	IMPUTATION OF MARITAL STATUS(3)	3
Universe: Persons 15 years and over		
<input type="checkbox"/> P134.	IMPUTATION OF HISPANIC ORIGIN(3)	3
Universe: Persons		

┐ P135.	IMPUTATION OF GROUP QUARTERS(2) Universe: Persons in group quarters	2
┐ P136.	IMPUTATION OF PLACE OF BIRTH(3) Universe: Persons	3
┐ P137.	IMPUTATION OF CITIZENSHIP(3) Universe: Persons	3
┐ P138.	IMPUTATION OF YEAR OF ENTRY(3) Universe: Foreign-born persons	3
┐ P139.	IMPUTATION OF SCHOOL ENROLLMENT(3) Universe: Persons 3 years and over	3
┐ P140.	IMPUTATION OF EDUCATIONAL ATTAINMENT(3) Universe: Persons 18 years and over	3
┐ P141.	IMPUTATION OF EDUCATIONAL ATTAINMENT(3) Universe: Persons 25 years and over	3
┐ P142.	IMPUTATION OF ANCESTRY(3) Universe: Persons	3
┐ P143.	IMPUTATION OF MOBILITY STATUS(3) Universe: Persons 5 years and over	3
┐ P144.	IMPUTATION OF RESIDENCE IN 1985(5) Universe: Persons 5 years and over	5
┐ P145.	IMPUTATION OF LANGUAGE STATUS(3) Universe: Persons 5 years and over	3
┐ P146.	IMPUTATION OF LANGUAGE SPOKEN AT HOME(4) Universe: Persons 5 years and over	4
┐ P147.	IMPUTATION OF ABILITY TO SPEAK ENGLISH(4) Universe: Persons 5 years and over	4
┐ P148.	IMPUTATION OF VETERAN STATUS(2) Universe: Persons 16 years and over	2
┐ P149.	IMPUTATION OF PERIOD OF MILITARY SERVICE(3) Universe: Civilian veterans 16 years and over	3
┐ P150.	IMPUTATION OF WORK DISABILITY STATUS(3) Universe: Civilian noninstitutionalized persons 16 years and over	3
┐ P151.	IMPUTATION OF MOBILITY LIMITATION STATUS(3) Universe: Civilian noninstitutionalized persons 16 years and over	3
┐ P152.	IMPUTATION OF SELF-CARE LIMITATION STATUS(3) Universe: Civilian noninstitutionalized persons 16 years and over	3
┐ P153.	IMPUTATION OF CHILDREN EVER BORN(3) Universe: Females 15 years and over	3
┐ P154.	IMPUTATION OF PLACE OF WORK(4) Universe: Workers 16 years and over	4
┐ P155.	IMPUTATION OF MEANS OF TRANSPORTATION TO WORK(3) Universe: Workers 16 years and over	3
┐ P156.	IMPUTATION OF PRIVATE VEHICLE OCCUPANCY(4) Universe: Workers 16 years and over	4
┐ P157.	IMPUTATION OF TIME LEAVING HOME TO GO TO WORK(4) Universe: Workers 16 years and over	4
┐ P158.	IMPUTATION OF TRAVEL TIME TO WORK(4) Universe: Workers 16 years and over	4
┐ P159.	IMPUTATION OF EMPLOYMENT STATUS(3)	3

	Universe: Persons 16 years and over	
┐ P160.	IMPUTATION OF WORK STATUS IN 1989(3) Universe: Persons 16 years and over	3
┐ P161.	IMPUTATION OF USUAL HOURS WORKED PER WEEK IN 1989(4) Universe: Persons 16 years and over	4
┐ P162.	IMPUTATION OF WEEKS WORKED IN 1989(4) Universe: Persons 16 years and over	4
┐ P163.	IMPUTATION OF INDUSTRY(3) Universe: Employed persons 16 years and over	3
┐ P164.	IMPUTATION OF OCCUPATION(3) Universe: Employed persons 16 years and over	3
┐ P165.	IMPUTATION OF CLASS OF WORKER(3) Universe: Employed persons 16 years and over	3
┐ P166.	IMPUTATION OF INCOME IN 1989(3) Universe: Persons 15 years and over	3
┐ P167.	IMPUTATION OF HOUSEHOLD INCOME IN 1989(2) Universe: Households	2
┐ P168.	IMPUTATION OF FAMILY INCOME IN 1989(2) Universe: Families	2
┐ P169.	IMPUTATION OF NONFAMILY HOUSEHOLD INCOME IN 1989(2) Universe: Nonfamily households	2
┐ P170.	IMPUTATION OF POVERTY STATUS IN 1989(3) Universe: Persons for whom poverty status is determined	3
┐ H1.	HOUSING UNITS(1) Universe: Housing units	1
┐ H2.	UNWEIGHTED SAMPLE COUNT OF HOUSING UNITS(1) Universe: Housing units	1
┐ H3.	100-PERCENT COUNT OF HOUSING UNITS(1) Universe: Housing units	1
┐ H3A.	PERCENT OF HOUSING UNITS IN SAMPLE(1) Universe: Housing units	1
┐ H4.	OCCUPANCY STATUS(2) Universe: Housing units	2
┐ H5.	URBAN AND RURAL(4) Universe: Housing units	4
┐ H6.	CONDOMINIUM STATUS(2) BY VACANCY STATUS(4) Universe: Vacant housing units	8
┐ H7.	CONDOMINIUM STATUS(2) BY TENURE AND MORTGAGE STATUS(3) Universe: Occupied housing units	6
┐ H8.	TENURE(2) Universe: Occupied housing units	2
┐ H9.	RACE OF HOUSEHOLDER(5) Universe: Occupied housing units	5
┐ H10.	TENURE(2) BY RACE OF HOUSEHOLDER(5) Universe: Occupied housing units	10
┐ H11.	HISPANIC ORIGIN OF HOUSEHOLDER(2) BY RACE OF HOUSEHOLDER(5) Universe: Occupied housing units	10
┐ H12.	TENURE(2) BY RACE OF HOUSEHOLDER(5) Universe: Occupied housing units with householder of Hispanic origin	10
┐ H13.	TENURE(2) BY AGE OF HOUSEHOLDER(7) Universe: Occupied housing units	14

┐ H14.	AGGREGATE PERSONS(1) BY TENURE(2) BY RACE OF HOUSEHOLDER(5)10 Universe: Persons in occupied housing units	
┐ H15.	AGGREGATE PERSONS(1) BY TENURE(2) Universe: Persons in occupied housing units with householder of Hispanic origin	2
┐ H16.	ROOMS(9) Universe: Housing units	9
┐ H17.	AGGREGATE ROOMS(1) Universe: Housing units	1
┐ H18.	TENURE(2) BY PERSONS IN UNIT(7) Universe: Occupied housing units	14
┐ H19.	AGGREGATE PERSONS(1) BY TENURE(2) Universe: Persons in occupied housing units	2
┐ H20.	UNITS IN STRUCTURE(10) Universe: Housing units	10
┐ H21.	UNITS IN STRUCTURE(10) Universe: Vacant housing units	10
┐ H22.	TENURE(2) BY UNITS IN STRUCTURE(10) Universe: Occupied housing units	20
┐ H23.	SOURCE OF WATER(4) Universe: Housing units	4
┐ H24.	SEWAGE DISPOSAL(3) Universe: Housing units	3
┐ H25.	YEAR STRUCTURE BUILT(8) Universe: Housing units	8
┐ H25A.	MEDIAN YEAR STRUCTURE BUILT(1) Universe: Housing units	1
┐ H26.	YEAR STRUCTURE BUILT(8) Universe: Vacant housing units	8
┐ H27.	TENURE(2) BY YEAR STRUCTURE BUILT(8) Universe: Occupied housing units	16
┐ H28.	YEAR HOUSEHOLDER MOVED INTO UNIT(6) Universe: Occupied housing units	6
┐ H29.	TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6) Universe: Occupied housing units	12
┐ H30.	HOUSE HEATING FUEL(9) Universe: Occupied housing units	9
┐ H31.	BEDROOMS(6) Universe: Housing units	6
┐ H32.	BEDROOMS(6) Universe: Vacant housing units	6
┐ H33.	TENURE(2) BY BEDROOMS(6) Universe: Occupied housing units	12
┐ H34.	BEDROOMS(4) BY GROSS RENT(7) Universe: Specified renter-occupied housing units	28
┐ H35.	TENURE(2) BY TELEPHONE IN HOUSING UNIT(2) Universe: Occupied housing units	4
┐ H36.	AGE OF HOUSEHOLDER(4) BY TELEPHONE IN HOUSING UNIT(2) Universe: Occupied housing units	8
┐ H37.	TENURE(2) BY VEHICLES AVAILABLE(6) Universe: Occupied housing units	12

▮ H38.	AGGREGATE VEHICLES AVAILABLE(1) BY TENURE(2) Universe: Occupied housing units	2
▮ H39.	RACE OF HOUSEHOLDER(5) BY VEHICLES AVAILABLE(2) Universe: Occupied housing units	10
▮ H40.	VEHICLES AVAILABLE(2) Universe: Occupied housing units with householder of Hispanic origin	2
▮ H41.	AGE OF HOUSEHOLDER(2) BY VEHICLES AVAILABLE(2) Universe: Occupied housing units	4
▮ H42.	KITCHEN FACILITIES(2) Universe: Housing units	2
▮ H43.	GROSS RENT(17) Universe: Specified renter-occupied housing units	17
▮ H43A.	MEDIAN GROSS RENT(1) Universe: Specified renter-occupied housing units paying cash rent	1
▮ H44.	AGGREGATE GROSS RENT(1) Universe: Specified renter-occupied housing units paying cash rent	1
▮ H45.	RACE OF HOUSEHOLDER(5) BY GROSS RENT(7) Universe: Specified renter-occupied housing units	35
▮ H46.	HISPANIC ORIGIN(2) BY GROSS RENT(7) Universe: Specified renter-occupied housing units	14
▮ H47.	MEALS INCLUDED IN RENT(2) Universe: Specified renter-occupied housing units paying cash rent	2
▮ H48.	AGGREGATE GROSS RENT(1) BY MEALS INCLUDED IN RENT(2) Universe: Specified renter-occupied housing units paying cash rent	2
▮ H49.	INCLUSION OF UTILITIES IN RENT(2) Universe: Specified renter-occupied housing units	2
▮ H50.	HOUSEHOLD INCOME IN 1989(5) BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) Universe: Specified renter-occupied housing units	30
▮ H50A.	MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1) Universe: Specified renter-occupied housing units paying cash rent	1
▮ H51.	AGE OF HOUSEHOLDER(2) BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) Universe: Specified renter-occupied housing units	12
▮ H52.	MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(21) Universe: Specified owner-occupied housing units	21
▮ H52A.	MEDIAN SELECTED MONTHLY OWNER COSTS AND MORTGAGE STATUS(2) Universe: Specified owner-occupied housing units	2
▮ H53.	AGGREGATE SELECTED MONTHLY OWNER COSTS(1) BY MORTGAGE STATUS(2) Universe: Specified owner-occupied housing units	2
▮ H54.	RACE OF HOUSEHOLDER(5) BY MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(11) Universe: Specified owner-occupied housing units	55
▮ H55.	MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(11) Universe: Specified owner-occupied housing units with householder of Hispanic origin	11

┐ H56.	AGGREGATE SELECTED MONTHLY OWNER COSTS(1) BY MORTGAGE STATUS(2)	2
	Universe: Owner-occupied mobile homes or trailers	
┐ H57.	AGGREGATE SELECTED MONTHLY OWNER COSTS(1) BY MORTGAGE STATUS(2)	2
	Universe: Owner-occupied condominium housing units	
┐ H58.	MORTGAGE STATUS(2) BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6)	12
	Universe: Specified owner-occupied housing units	
┐ H58A.	MEDIAN SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989 AND MORTGAGE STATUS(2)	2
	Universe: Specified owner-occupied housing units	
┐ H59.	HOUSEHOLD INCOME IN 1989(5) BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6)	30
	Universe: Specified owner-occupied housing units	
┐ H60.	AGE OF HOUSEHOLDER(2) BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6)	12
	Universe: Specified owner-occupied housing units	
┐ H61.	VALUE(20)	20
	Universe: Specified owner-occupied housing units	
┐ H61A.	MEDIAN VALUE(1)	1
	Universe: Specified owner-occupied housing units	
┐ H62.	AGGREGATE VALUE(1) BY MORTGAGE STATUS(2)	2
	Universe: Specified owner-occupied housing units	
┐ H63.	AGGREGATE HOUSEHOLD INCOME IN 1989(1) BY TENURE AND MORTGAGE STATUS(3)	3
	Universe: Occupied housing units	
┐ H64.	PLUMBING FACILITIES(2)	2
	Universe: Housing units	
┐ H65.	PLUMBING FACILITIES(2)	2
	Universe: Vacant housing units	
┐ H66.	RACE OF HOUSEHOLDER(5) BY PLUMBING FACILITIES(2)	10
	Universe: Occupied housing units	
┐ H67.	PLUMBING FACILITIES(2)	2
	Universe: Occupied housing units with householder of Hispanic origin	
┐ H68.	AGE OF HOUSEHOLDER(2) BY PLUMBING FACILITIES(2)	4
	Universe: Occupied housing units	
┐ H69.	TENURE(2) BY PLUMBING FACILITIES(2) BY PERSONS PER ROOM(3)	12
	Universe: Occupied housing units	
┐ H70.	PLUMBING FACILITIES(2) BY UNITS IN STRUCTURE(10)	20
	Universe: Housing units	
┐ H71.	PLUMBING FACILITIES(2) BY PERSONS PER ROOM(2) BY YEAR STRUCTURE BUILT(2)	8
	Universe: Occupied housing units	
┐ H72.	IMPUTATION OF HOUSING ITEMS(2)	2
	Universe: Housing units	
┐ H73.	IMPUTATION OF CONDOMINIUM STATUS(2)	2
	Universe: Housing units	
┐ H74.	IMPUTATION OF PLUMBING FACILITIES(2)	2
	Universe: Housing units	
┐ H75.	IMPUTATION OF SOURCE OF WATER(2)	2
	Universe: Housing units	
┐ H76.	IMPUTATION OF SEWAGE DISPOSAL(2)	2

	Universe: Housing units	
▢ H77.	IMPUTATION OF YEAR STRUCTURE BUILT(2) Universe: Housing units	2
▢ H78.	IMPUTATION OF YEAR HOUSEHOLDER MOVED INTO UNIT(2) Universe: Occupied housing units	2
▢ H79.	IMPUTATION OF HOUSE HEATING FUEL(2) Universe: Occupied housing units	2
▢ H80.	IMPUTATION OF KITCHEN FACILITIES(2) Universe: Housing units	2
▢ H81.	IMPUTATION OF BEDROOMS(2) Universe: Housing units	2
▢ H82.	IMPUTATION OF TELEPHONE IN HOUSING UNIT(2) Universe: Occupied housing units	2
▢ H83.	IMPUTATION OF VEHICLES AVAILABLE(2) Universe: Occupied housing units	2
▢ H84.	IMPUTATION OF MORTGAGE STATUS(2) Universe: Specified owner-occupied housing units	2
▢ H85.	IMPUTATION OF TENURE(2) Universe: Occupied housing units	2
▢ H86.	IMPUTATION OF VACANCY STATUS(2) Universe: Vacant housing units	2
▢ H87.	IMPUTATION OF ROOMS(2) Universe: Housing units	2
▢ H88.	IMPUTATION OF UNITS IN STRUCTURE(2) Universe: Housing units	2
▢ H89.	IMPUTATION OF VALUE(2) Universe: Specified owner-occupied housing units	2
▢ H90.	IMPUTATION OF MEALS INCLUDED IN RENT(2) Universe: Specified renter-occupied housing units paying cash rent	2
▢ H91.	IMPUTATION OF GROSS RENT(2) Universe: Specified renter-occupied housing units	2
▢ H92.	IMPUTATION OF MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(4) Universe: Specified owner-occupied housing units	4

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1990 US Census Data
Database: C90STF3A
Summary Level: State--County--Census Tract

**Tract 25: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0025**

PERSONS

Universe: Persons

Total.....8265

RACE

Universe: Persons

White.....784

Black.....6592

American Indian, Eskimo, or Aleut.....70

Asian or Pacific Islander.....0

Other race.....819

RACE

Universe: Persons

White (800-869, 971).....784

Black (870-934, 972).....6592

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....70

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....0

Japanese (611, 981).....0

Asian Indian (600, 982).....0

Korean (612, 979).....0

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....0

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoaan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....819

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....1540

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....	6725
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	1144
Cuban (004, 271-274).....	10
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	63
Central American (221-230):	
Guatemalan (222).....	62
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	28
Ecuadorian (235).....	161
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	72

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	104
Black.....	6539
American Indian, Eskimo, or Aleut.....	70
Asian or Pacific Islander.....	0
Other race.....	12

Hispanic origin:

White.....	680
Black.....	53
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	807

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	202
5 years.....	78
6 to 11 years.....	386
12 to 17 years.....	417
18 to 24 years.....	694
25 to 34 years.....	709
35 to 44 years.....	695
45 to 54 years.....	493
55 to 59 years.....	212
60 to 64 years.....	180
65 to 74 years.....	282
75 years and over.....	137

Income in 1989 below poverty level:

Under 5 years.....	558
5 years.....	143
6 to 11 years.....	444
12 to 17 years.....	571
18 to 24 years.....	312
25 to 34 years.....	622
35 to 44 years.....	271
45 to 54 years.....	284
55 to 59 years.....	68
60 to 64 years.....	192

65 to 74 years.....148

75 years and over.....132

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....18

5 years.....8

6 to 11 years.....40

12 to 17 years.....31

18 to 64 years.....358

65 to 74 years.....8

75 years and over.....11

Black:

Under 5 years.....148

5 years.....70

6 to 11 years.....346

12 to 17 years.....332

18 to 64 years.....2300

65 to 74 years.....249

75 years and over.....113

American Indian, Eskimo, or Aleut:

Under 5 years.....0

5 years.....0

6 to 11 years.....0

12 to 17 years.....0

18 to 64 years.....0

65 to 74 years.....0

75 years and over.....0

Asian or Pacific Islander:

Under 5 years.....0

5 years.....0

6 to 11 years.....0

12 to 17 years.....0

18 to 64 years.....0

65 to 74 years.....0

75 years and over.....0

Other race:

Under 5 years.....36

5 years.....0

6 to 11 years.....0

12 to 17 years.....54

18 to 64 years.....325

65 to 74 years.....25

75 years and over.....13

Income in 1989 below poverty level:

White:

Under 5 years.....36

5 years.....8

6 to 11 years.....48

12 to 17 years.....7

18 to 64 years.....152

65 to 74 years.....21

75 years and over.....38

Black:

Under 5 years.....522

5 years.....135

6 to 11 years.....382

12 to 17 years.....410

18 to 64 years.....1406

65 to 74 years.....	101
75 years and over.....	64
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	11
18 to 64 years.....	27
65 to 74 years.....	15
75 years and over.....	17
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	143
18 to 64 years.....	164
65 to 74 years.....	11
75 years and over.....	13
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	54
5 years.....	8
6 to 11 years.....	42
12 to 17 years.....	97
18 to 64 years.....	671
65 to 74 years.....	21
75 years and over.....	24
Income in 1989 below poverty level:	
Under 5 years.....	36
5 years.....	8
6 to 11 years.....	64
12 to 17 years.....	150
18 to 64 years.....	289
65 to 74 years.....	32
75 years and over.....	23

**Tract 27: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0027**

PERSONS

Universe: Persons

Total.....220

RACE

Universe: Persons

White.....84

Black.....0

American Indian, Eskimo, or Aleut.....0
 Asian or Pacific Islander.....136
 Other race.....0

RACE*Universe: Persons*

White (800-869, 971).....84
 Black (870-934, 972).....0
 American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):
 American Indian (000-599, 973).....0
 Eskimo (935-940, 974).....0
 Aleut (941-970, 975).....0
 Asian or Pacific Islander (600-699, 976-985):
 Asian (600-652, 976, 977, 979-982, 985):
 Chinese (605-607, 976).....136
 Filipino (608, 977).....0
 Japanese (611, 981).....0
 Asian Indian (600, 982).....0
 Korean (612, 979).....0
 Vietnamese (619, 980).....0
 Cambodian (604).....0
 Hmong (609).....0
 Laotian (613).....0
 Thai (618).....0
 Other Asian (601-603, 610, 614-617, 620-652, 985).....0
 Pacific Islander (653-699, 978, 983, 984):
 Polynesian (653-659, 978, 983):
 Hawaiian (653, 654, 978).....0
 Samoan (655, 983).....0
 Tongan (657).....0
 Other Polynesian (656, 658, 659).....0
 Micronesian (660-675, 984):
 Guamanian (660, 984).....0
 Other Micronesian (661-675).....0
 Melanesian (676-680).....0
 Pacific Islander, not specified (681-699).....0
 Other race (700-799, 986-999).....0

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....30

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....190
 Hispanic origin (002-005, 200-999):
 Mexican (002, 210-220).....0
 Puerto Rican (003, 261-270).....20
 Cuban (004, 271-274).....0
 Other Hispanic (005, 200-209, 221-260, 275-999):
 Dominican (Dominican Republic) (275-289).....0
 Central American (221-230):
 Guatemalan (222).....0
 Honduran (223).....0
 Nicaraguan (224).....0
 Panamanian (225).....0
 Salvadoran (226).....0
 Other Central American (221, 227-230).....0
 South American (231-249):
 Colombian (234).....0
 Ecuadorian (235).....10
 Peruvian (237).....0
 Other South American (231-233, 236, 238-249).....0

Other Hispanic (005, 200-209, 250-260, 290-999).....0

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....	54
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	136
Other race.....	0

Hispanic origin:

White.....	30
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	17
5 years.....	6
6 to 11 years.....	22
12 to 17 years.....	22
18 to 24 years.....	7
25 to 34 years.....	36
35 to 44 years.....	73
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	10
65 to 74 years.....	10
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	0
35 to 44 years.....	8
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	9

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	10
5 years.....	6
6 to 11 years.....	7
12 to 17 years.....	0
18 to 64 years.....	34
65 to 74 years.....	10
75 years and over.....	0

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0

65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	7
5 years.....	0
6 to 11 years.....	15
12 to 17 years.....	22
18 to 64 years.....	92
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	9
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	0
5 years.....	6
6 to 11 years.....	7
12 to 17 years.....	0
18 to 64 years.....	17
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

**Tract 29: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0029**

PERSONS

Universe: Persons

Total.....1252

RACE

Universe: Persons

White.....	683
Black.....	104
American Indian, Eskimo, or Aleut.....	24
Asian or Pacific Islander.....	181
Other race.....	260

RACE

Universe: Persons

White (800-869, 971).....	683
Black (870-934, 972).....	104
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	24
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	11
Filipino (608, 977).....	82
Japanese (611, 981).....	0
Asian Indian (600, 982).....	38
Korean (612, 979).....	8
Vietnamese (619, 980).....	0

Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	42
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	260
PERSONS OF HISPANIC ORIGIN	
Universe: <i>Persons of Hispanic origin</i>	
Total.....	656
HISPANIC ORIGIN	
Universe: <i>Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	596
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	146
Puerto Rican (003, 261-270).....	129
Cuban (004, 271-274).....	35
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	75
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	33
Other Central American (221, 227-230).....	13
South American (231-249):	
Colombian (234).....	50
Ecuadorian (235).....	111
Peruvian (237).....	35
Other South American (231-233, 236, 238-249).....	7
Other Hispanic (005, 200-209, 250-260, 290-999).....	22
HISPANIC ORIGIN BY RACE	
Universe: <i>Persons</i>	
Not of Hispanic origin:	
White.....	287
Black.....	104
American Indian, Eskimo, or Aleut.....	24
Asian or Pacific Islander.....	181
Other race.....	0
Hispanic origin:	
White.....	396
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	260
POVERTY STATUS IN 1989 BY AGE	
Universe: <i>Persons for whom poverty status is determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	62

5 years.....	23
6 to 11 years.....	146
12 to 17 years.....	57
18 to 24 years.....	137
25 to 34 years.....	306
35 to 44 years.....	192
45 to 54 years.....	107
55 to 59 years.....	20
60 to 64 years.....	33
65 to 74 years.....	50
75 years and over.....	27
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	5
6 to 11 years.....	0
12 to 17 years.....	14
18 to 24 years.....	12
25 to 34 years.....	11
35 to 44 years.....	11
45 to 54 years.....	17
55 to 59 years.....	14
60 to 64 years.....	0
65 to 74 years.....	8
75 years and over.....	0
POVERTY STATUS IN 1989 BY RACE BY AGE	
Universe: Persons for whom poverty status is determined	
Income in 1989 above poverty level:	
White:	
Under 5 years.....	34
5 years.....	10
6 to 11 years.....	74
12 to 17 years.....	30
18 to 64 years.....	431
65 to 74 years.....	50
75 years and over.....	19
Black:	
Under 5 years.....	9
5 years.....	0
6 to 11 years.....	28
12 to 17 years.....	8
18 to 64 years.....	59
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	5
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	19
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	11
5 years.....	8
6 to 11 years.....	25
12 to 17 years.....	0
18 to 64 years.....	101
65 to 74 years.....	0
75 years and over.....	8
Other race:	

Under 5 years.....	8
5 years.....	0
6 to 11 years.....	19
12 to 17 years.....	19
18 to 64 years.....	185
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	27
65 to 74 years.....	8
75 years and over.....	0
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	28
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	5
6 to 11 years.....	0
12 to 17 years.....	14
18 to 64 years.....	10
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	42
5 years.....	10
6 to 11 years.....	68
12 to 17 years.....	42
18 to 64 years.....	424
65 to 74 years.....	15
75 years and over.....	6
Income in 1989 below poverty level:	

Under 5 years.....	0
5 years.....	5
6 to 11 years.....	0
12 to 17 years.....	14
18 to 64 years.....	30
65 to 74 years.....	0
75 years and over.....	0

**Tract 31: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0031**

PERSONS

Universe: Persons

Total.....1307

RACE

Universe: Persons

White.....877

Black.....31

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....209

Other race.....190

RACE

Universe: Persons

White (800-869, 971).....877

Black (870-934, 972).....31

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....49

Filipino (608, 977).....26

Japanese (611, 981).....0

Asian Indian (600, 982).....10

Korean (612, 979).....0

Vietnamese (619, 980).....58

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....66

Other Asian (601-603, 610, 614-617, 620-652, 985).....0

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....190

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....433

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....874

Hispanic origin (002-005, 200-999):

 Mexican (002, 210-220).....0

 Puerto Rican (003, 261-270).....117

 Cuban (004, 271-274).....0

 Other Hispanic (005, 200-209, 221-260, 275-999):

 Dominican (Dominican Republic) (275-289).....27

 Central American (221-230):

 Guatemalan (222).....9

 Honduran (223).....26

 Nicaraguan (224).....0

 Panamanian (225).....0

 Salvadoran (226).....7

 Other Central American (221, 227-230).....0

 South American (231-249):

 Colombian (234).....102

 Ecuadorian (235).....80

 Peruvian (237).....41

 Other South American (231-233, 236, 238-249).....0

 Other Hispanic (005, 200-209, 250-260, 290-999).....24

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

 White.....655

 Black.....0

 American Indian, Eskimo, or Aleut.....0

 Asian or Pacific Islander.....209

 Other race.....10

Hispanic origin:

 White.....222

 Black.....31

 American Indian, Eskimo, or Aleut.....0

 Asian or Pacific Islander.....0

 Other race.....180

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

 Under 5 years.....44

 5 years.....12

 6 to 11 years.....65

 12 to 17 years.....76

 18 to 24 years.....63

 25 to 34 years.....375

 35 to 44 years.....174

 45 to 54 years.....92

 55 to 59 years.....45

 60 to 64 years.....61

 65 to 74 years.....72

 75 years and over.....81

Income in 1989 below poverty level:

 Under 5 years.....18

 5 years.....0

 6 to 11 years.....0

 12 to 17 years.....0

 18 to 24 years.....32

 25 to 34 years.....66

 35 to 44 years.....16

45 to 54 years.....	0
55 to 59 years.....	8
60 to 64 years.....	7
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	18
5 years.....	12
6 to 11 years.....	46
12 to 17 years.....	33
18 to 64 years.....	503
65 to 74 years.....	65
75 years and over.....	72

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	31
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	11
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	38
18 to 64 years.....	151
65 to 74 years.....	0
75 years and over.....	9

Other race:

Under 5 years.....	15
5 years.....	0
6 to 11 years.....	19
12 to 17 years.....	5
18 to 64 years.....	125
65 to 74 years.....	7
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	18
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	110
65 to 74 years.....	0
75 years and over.....	0

Black:

Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	19
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	15
5 years.....	12
6 to 11 years.....	52
12 to 17 years.....	38
18 to 64 years.....	242
65 to 74 years.....	7
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	67
65 to 74 years.....	0
75 years and over.....	0

Tract 35: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0035

PERSONS*Universe: Persons*

Total.....215

RACE

Universe: Persons

White.....	63
Black.....	56
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	96

RACE*Universe: Persons*

White (800-869, 971).....	63
Black (870-934, 972).....	56
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	0
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	96

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	132
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	83
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	105
Cuban (004, 271-274).....	0
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	17
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	5

Ecuadorian (235).....	0
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	5

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	44
Black.....	39
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	0

Hispanic origin:

White.....	19
Black.....	17
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	96

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	22
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	6
18 to 24 years.....	4
25 to 34 years.....	7
35 to 44 years.....	21
45 to 54 years.....	18
55 to 59 years.....	0
60 to 64 years.....	18
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	29
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	9
18 to 24 years.....	6
25 to 34 years.....	16
35 to 44 years.....	0
45 to 54 years.....	0
55 to 59 years.....	19
60 to 64 years.....	6
65 to 74 years.....	7
75 years and over.....	0

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	0
18 to 64 years.....	31
65 to 74 years.....	0
75 years and over.....	0

Black:

Under 5 years.....	22
5 years.....	0

6 to 11 years.....	4
12 to 17 years.....	0
18 to 64 years.....	23
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	6
18 to 64 years.....	14
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	25
65 to 74 years.....	0
75 years and over.....	0
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	7
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0

65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	29
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	9
18 to 64 years.....	15
65 to 74 years.....	7
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	11
12 to 17 years.....	6
18 to 64 years.....	27
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	29
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	9
18 to 64 years.....	34
65 to 74 years.....	7
75 years and over.....	0

**Tract 37: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0037**

PERSONS

Universe: Persons

Total.....0

RACE

Universe: Persons

White.....0

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....0

RACE

Universe: Persons

White (800-869, 971).....0

Black (870-934, 972).....0

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....0

Japanese (611, 981).....0

Asian Indian (600, 982).....	0
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	0

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	0
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	0
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Hispanic origin (002-005, 200-999):	
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Mexican (002, 210-220).....	0
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Puerto Rican (003, 261-270).....	0
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Cuban (004, 271-274).....	0
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Other Hispanic (005, 200-209, 221-260, 275-999):	
--	--

Dominican (Dominican Republic) (275-289).....	0
---	---

Central American (221-230):	
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Guatemalan (222).....	0
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Honduran (223).....	0
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Nicaraguan (224).....	0
-----------------------	---

Panamanian (225).....	0
-----------------------	---

Salvadoran (226).....	0
-----------------------	---

Other Central American (221, 227-230).....	0
--	---

South American (231-249):	
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Colombian (234).....	0
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Ecuadorian (235).....	0
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Peruvian (237).....	0
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Other South American (231-233, 236, 238-249).....	0
---	---

Other Hispanic (005, 200-209, 250-260, 290-999).....	0
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HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:	
-------------------------	--

White.....	0
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Black.....	0
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American Indian, Eskimo, or Aleut.....	0
--	---

Asian or Pacific Islander.....	0
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Other race.....	0
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Hispanic origin:	
------------------	--

White.....	0
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Black.....	0
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American Indian, Eskimo, or Aleut.....	0
--	---

Asian or Pacific Islander.....	0
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Other race.....	0
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POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	0
35 to 44 years.....	0
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	0
35 to 44 years.....	0
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0

65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0

65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

**Tract 39: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0039**

PERSONS

Universe: Persons

Total.....	1627
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RACE

Universe: Persons

White.....	973
Black.....	435
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	31
Other race.....	188

RACE

Universe: Persons

White (800-869, 971).....	973
Black (870-934, 972).....	435
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	6
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	25
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0

Other race (700-799, 986-999).....188

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....691

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....936

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....102

Puerto Rican (003, 261-270).....335

Cuban (004, 271-274).....16

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....0

Central American (221-230):

Guatemalan (222).....0

Honduran (223).....0

Nicaraguan (224).....0

Panamanian (225).....9

Salvadoran (226).....52

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....36

Ecuadorian (235).....59

Peruvian (237).....47

Other South American (231-233, 236, 238-249).....0

Other Hispanic (005, 200-209, 250-260, 290-999).....35

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....491

Black.....414

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....31

Other race.....0

Hispanic origin:

White.....482

Black.....21

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....188

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....51

5 years.....38

6 to 11 years.....100

12 to 17 years.....40

18 to 24 years.....156

25 to 34 years.....312

35 to 44 years.....131

45 to 54 years.....112

55 to 59 years.....63

60 to 64 years.....49

65 to 74 years.....47

75 years and over.....37

Income in 1989 below poverty level:

Under 5 years.....29

5 years.....0

6 to 11 years.....24

12 to 17 years.....0

18 to 24 years.....	124
25 to 34 years.....	219
35 to 44 years.....	45
45 to 54 years.....	14
55 to 59 years.....	0
60 to 64 years.....	9
65 to 74 years.....	27
75 years and over.....	0

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	16
5 years.....	15
6 to 11 years.....	100
12 to 17 years.....	29
18 to 64 years.....	552
65 to 74 years.....	27
75 years and over.....	37

Black:

Under 5 years.....	23
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	132
65 to 74 years.....	12
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	31
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	12
5 years.....	23
6 to 11 years.....	0
12 to 17 years.....	11
18 to 64 years.....	108
65 to 74 years.....	8
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	29
5 years.....	0
6 to 11 years.....	24
12 to 17 years.....	0
18 to 64 years.....	117
65 to 74 years.....	27
75 years and over.....	0

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	268
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	26
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	17
5 years.....	23
6 to 11 years.....	75
12 to 17 years.....	28
18 to 64 years.....	403
65 to 74 years.....	8
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	29
5 years.....	0
6 to 11 years.....	24
12 to 17 years.....	0
18 to 64 years.....	84
65 to 74 years.....	0
75 years and over.....	0

Tract 41: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0041

PERSONS

Universe: Persons

Total.....579

RACE*Universe: Persons*

White.....429

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....117

Other race.....33

RACE*Universe: Persons*

White (800-869, 971).....429

Black (870-934, 972).....0

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....44

Filipino (608, 977).....0

Japanese (611, 981).....0

Asian Indian (600, 982).....48

Korean (612, 979).....25

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....0

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....33

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....80

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....499

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....17

Cuban (004, 271-274).....0

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....11

Central American (221-230):

Guatemalan (222).....0

Honduran (223).....0

Nicaraguan (224).....0

Panamanian (225).....0

Salvadoran (226).....0

Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	19
Ecuadorian (235).....	0
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	33
Other Hispanic (005, 200-209, 250-260, 290-999).....	0

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	382
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	117
Other race.....	0

Hispanic origin:

White.....	47
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	33

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	20
5 years.....	0
6 to 11 years.....	23
12 to 17 years.....	37
18 to 24 years.....	43
25 to 34 years.....	123
35 to 44 years.....	61
45 to 54 years.....	67
55 to 59 years.....	28
60 to 64 years.....	8
65 to 74 years.....	75
75 years and over.....	51

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	0
35 to 44 years.....	0
45 to 54 years.....	12
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	25
75 years and over.....	0

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	12
12 to 17 years.....	28
18 to 64 years.....	220
65 to 74 years.....	75
75 years and over.....	51

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	20
5 years.....	0
6 to 11 years.....	11
12 to 17 years.....	3
18 to 64 years.....	83
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	6
18 to 64 years.....	27
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	12
65 to 74 years.....	25
75 years and over.....	0

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE
Universe: Persons of Hispanic origin for whom poverty status is
Universe: determined
 Income in 1989 above poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	6
18 to 64 years.....	68
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

**Tract 43: FIPS.STATE=36, FIPS.COUNTY90=081,
 FIPS.TRACT90=0043**

PERSONS*Universe: Persons*

Total.....2586

RACE*Universe: Persons*

White.....1077

Black.....1038

American Indian, Eskimo, or Aleut.....8

Asian or Pacific Islander.....103

Other race.....360

RACE*Universe: Persons*

White (800-869, 971).....1077

Black (870-934, 972).....1038

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....8

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....	52
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	31
Korean (612, 979).....	13
Vietnamese (619, 980).....	7
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	360

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....1039

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....1547

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....648

Cuban (004, 271-274).....32

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....180

Central American (221-230):

Guatemalan (222).....18

Honduran (223).....0

Nicaraguan (224).....18

Panamanian (225).....0

Salvadoran (226).....0

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....22

Ecuadorian (235).....82

Peruvian (237).....9

Other South American (231-233, 236, 238-249).....0

Other Hispanic (005, 200-209, 250-260, 290-999).....30

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....575

Black.....861

American Indian, Eskimo, or Aleut.....8

Asian or Pacific Islander.....103

Other race.....0

Hispanic origin:

White.....502

Black.....177

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....	0
Other race.....	360
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons for whom poverty status is determined</i>	
<i>Income in 1989 above poverty level:</i>	
Under 5 years.....	65
5 years.....	22
6 to 11 years.....	79
12 to 17 years.....	86
18 to 24 years.....	209
25 to 34 years.....	244
35 to 44 years.....	179
45 to 54 years.....	252
55 to 59 years.....	137
60 to 64 years.....	154
65 to 74 years.....	213
75 years and over.....	138
<i>Income in 1989 below poverty level:</i>	
Under 5 years.....	106
5 years.....	5
6 to 11 years.....	80
12 to 17 years.....	122
18 to 24 years.....	31
25 to 34 years.....	57
35 to 44 years.....	203
45 to 54 years.....	33
55 to 59 years.....	24
60 to 64 years.....	29
65 to 74 years.....	44
75 years and over.....	67
POVERTY STATUS IN 1989 BY RACE BY AGE	
<i>Universe: Persons for whom poverty status is determined</i>	
<i>Income in 1989 above poverty level:</i>	
<i>White:</i>	
Under 5 years.....	0
5 years.....	7
6 to 11 years.....	22
12 to 17 years.....	10
18 to 64 years.....	518
65 to 74 years.....	132
75 years and over.....	88
<i>Black:</i>	
Under 5 years.....	41
5 years.....	15
6 to 11 years.....	41
12 to 17 years.....	69
18 to 64 years.....	400
65 to 74 years.....	46
75 years and over.....	41
<i>American Indian, Eskimo, or Aleut:</i>	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0
<i>Asian or Pacific Islander:</i>	
Under 5 years.....	6
5 years.....	0

6 to 11 years.....	6
12 to 17 years.....	7
18 to 64 years.....	69
65 to 74 years.....	7
75 years and over.....	0
Other race:	
Under 5 years.....	18
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	0
18 to 64 years.....	180
65 to 74 years.....	28
75 years and over.....	9
Income in 1989 below poverty level:	
White:	
Under 5 years.....	25
5 years.....	5
6 to 11 years.....	50
12 to 17 years.....	23
18 to 64 years.....	118
65 to 74 years.....	26
75 years and over.....	53
Black:	
Under 5 years.....	60
5 years.....	0
6 to 11 years.....	30
12 to 17 years.....	71
18 to 64 years.....	185
65 to 74 years.....	18
75 years and over.....	14
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	21
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	28
18 to 64 years.....	66
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	29
5 years.....	0

6 to 11 years.....	24
12 to 17 years.....	21
18 to 64 years.....	502
65 to 74 years.....	61
75 years and over.....	36
Income in 1989 below poverty level:	
Under 5 years.....	61
5 years.....	0
6 to 11 years.....	45
12 to 17 years.....	68
18 to 64 years.....	165
65 to 74 years.....	19
75 years and over.....	8

**Tract 45: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0045**

PERSONS

Universe: Persons

Total.....2215

RACE

Universe: Persons

White.....2051

Black.....117

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....29

Other race.....18

RACE

Universe: Persons

White (800-869, 971).....2051

Black (870-934, 972).....117

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....21

Filipino (608, 977).....0

Japanese (611, 981).....0

Asian Indian (600, 982).....8

Korean (612, 979).....0

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....0

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675)	0
Melanesian (676-680)	0
Pacific Islander, not specified (681-699)	0
Other race (700-799, 986-999)	18

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total	169
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199)	2046
Hispanic origin (002-005, 200-999):	

Mexican (002, 210-220)	0
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Puerto Rican (003, 261-270)	107
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Cuban (004, 271-274)	42
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Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289)	0
--	---

Central American (221-230):

Guatemalan (222)	0
------------------	---

Honduran (223)	0
----------------	---

Nicaraguan (224)	0
------------------	---

Panamanian (225)	0
------------------	---

Salvadoran (226)	0
------------------	---

Other Central American (221, 227-230)	0
---------------------------------------	---

South American (231-249):

Colombian (234)	0
-----------------	---

Ecuadorian (235)	0
------------------	---

Peruvian (237)	11
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Other South American (231-233, 236, 238-249)	0
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Other Hispanic (005, 200-209, 250-260, 290-999)	9
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HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White	1917
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Black	100
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American Indian, Eskimo, or Aleut	0
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Asian or Pacific Islander	29
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Other race	0
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Hispanic origin:

White	134
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Black	17
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American Indian, Eskimo, or Aleut	0
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Asian or Pacific Islander	0
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Other race	18
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POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years	34
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5 years	7
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6 to 11 years	55
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12 to 17 years	48
----------------	----

18 to 24 years	123
----------------	-----

25 to 34 years	148
----------------	-----

35 to 44 years	296
----------------	-----

45 to 54 years	192
----------------	-----

55 to 59 years	111
----------------	-----

60 to 64 years	126
----------------	-----

65 to 74 years	576
----------------	-----

75 years and over	385
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Income in 1989 below poverty level:

Under 5 years	31
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5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	8
25 to 34 years.....	8
35 to 44 years.....	32
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	7
65 to 74 years.....	8
75 years and over.....	20

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	23
5 years.....	7
6 to 11 years.....	55
12 to 17 years.....	48
18 to 64 years.....	887
65 to 74 years.....	545
75 years and over.....	372

Black:

Under 5 years.....	11
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	83
65 to 74 years.....	10
75 years and over.....	13

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	21
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	18
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	31
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	55
65 to 74 years.....	8
75 years and over.....	20
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	11
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	8
18 to 64 years.....	114
65 to 74 years.....	15
75 years and over.....	3
Income in 1989 below poverty level:	
Under 5 years.....	5
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	5

Tract 47: FIPS.STATE=36, FIPS.COUNTY90=081,

FIPS. TRACT90=0047**PERSONS***Universe: Persons*

Total.....4168

RACE*Universe: Persons*

White.....2273

Black.....1129

American Indian, Eskimo, or Aleut.....53

Asian or Pacific Islander.....311

Other race.....402

RACE*Universe: Persons*

White (800-869, 971).....2273

Black (870-934, 972).....1129

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....53

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....70

Filipino (608, 977).....39

Japanese (611, 981).....0

Asian Indian (600, 982).....61

Korean (612, 979).....92

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....49

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....402

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....1176

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....2992

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....592

Cuban (004, 271-274).....37

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....111

Central American (221-230):

Guatemalan (222).....0

Honduran (223).....	13
Nicaraguan (224).....	9
Panamanian (225).....	8
Salvadoran (226).....	5
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	83
Ecuadorian (235).....	135
Peruvian (237).....	68
Other South American (231-233, 236, 238-249).....	49
Other Hispanic (005, 200-209, 250-260, 290-999).....	66

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	1524
Black.....	1108
American Indian, Eskimo, or Aleut.....	49
Asian or Pacific Islander.....	311
Other race.....	0

Hispanic origin:

White.....	749
Black.....	21
American Indian, Eskimo, or Aleut.....	4
Asian or Pacific Islander.....	0
Other race.....	402

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	238
5 years.....	16
6 to 11 years.....	194
12 to 17 years.....	308
18 to 24 years.....	329
25 to 34 years.....	639
35 to 44 years.....	586
45 to 54 years.....	358
55 to 59 years.....	142
60 to 64 years.....	160
65 to 74 years.....	344
75 years and over.....	178

Income in 1989 below poverty level:

Under 5 years.....	45
5 years.....	0
6 to 11 years.....	100
12 to 17 years.....	30
18 to 24 years.....	57
25 to 34 years.....	135
35 to 44 years.....	70
45 to 54 years.....	24
55 to 59 years.....	42
60 to 64 years.....	35
65 to 74 years.....	53
75 years and over.....	77

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	75
5 years.....	0
6 to 11 years.....	81

12 to 17 years.....	116
18 to 64 years.....	1301
65 to 74 years.....	256
75 years and over.....	133
Black:	
Under 5 years.....	104
5 years.....	9
6 to 11 years.....	70
12 to 17 years.....	123
18 to 64 years.....	505
65 to 74 years.....	44
75 years and over.....	37
American Indian, Eskimo, or Aleut:	
Under 5 years.....	4
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	10
18 to 64 years.....	27
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	23
5 years.....	7
6 to 11 years.....	27
12 to 17 years.....	0
18 to 64 years.....	133
65 to 74 years.....	29
75 years and over.....	0
Other race:	
Under 5 years.....	32
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	59
18 to 64 years.....	248
65 to 74 years.....	15
75 years and over.....	8
Income in 1989 below poverty level:	
White:	
Under 5 years.....	22
5 years.....	0
6 to 11 years.....	43
12 to 17 years.....	12
18 to 64 years.....	142
65 to 74 years.....	14
75 years and over.....	70
Black:	
Under 5 years.....	13
5 years.....	0
6 to 11 years.....	52
12 to 17 years.....	3
18 to 64 years.....	128
65 to 74 years.....	34
75 years and over.....	7
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	4
65 to 74 years.....	0

75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	5
12 to 17 years.....	15
18 to 64 years.....	72
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	10
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	17
65 to 74 years.....	5
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	64
5 years.....	0
6 to 11 years.....	33
12 to 17 years.....	99
18 to 64 years.....	716
65 to 74 years.....	15
75 years and over.....	20
Income in 1989 below poverty level:	
Under 5 years.....	32
5 years.....	0
6 to 11 years.....	43
12 to 17 years.....	12
18 to 64 years.....	112
65 to 74 years.....	5
75 years and over.....	17

Tract 49: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0049

PERSONS

Universe: Persons

Total.....510

RACE

Universe: Persons

White.....209

Black.....21

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....192

Other race.....88

RACE

Universe: Persons

White (800-869, 971).....209

Black (870-934, 972).....21

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	128
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	16
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	42
Other Asian (601-603, 610, 614-617, 620-652, 985).....	6
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoaan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	88

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....123

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....387

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....57

Puerto Rican (003, 261-270).....0

Cuban (004, 271-274).....0

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....9

Central American (221-230):

Guatemalan (222).....26

Honduran (223).....0

Nicaraguan (224).....0

Panamanian (225).....0

Salvadoran (226).....0

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....0

Ecuadorian (235).....0

Peruvian (237).....0

Other South American (231-233, 236, 238-249).....0

Other Hispanic (005, 200-209, 250-260, 290-999).....31

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....159

Black.....21

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....192

Other race.....15

Hispanic origin:

White.....	50
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	73

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	35
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	13
18 to 24 years.....	71
25 to 34 years.....	153
35 to 44 years.....	124
45 to 54 years.....	32
55 to 59 years.....	8
60 to 64 years.....	0
65 to 74 years.....	8
75 years and over.....	21

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	7
35 to 44 years.....	0
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	11
65 to 74 years.....	0
75 years and over.....	9

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	14
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	13
18 to 64 years.....	143
65 to 74 years.....	0
75 years and over.....	21

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	21
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0

75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	7
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	0
18 to 64 years.....	150
65 to 74 years.....	8
75 years and over.....	0
Other race:	
Under 5 years.....	14
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	74
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	18
65 to 74 years.....	0
75 years and over.....	0
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	9
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE*Universe: Persons of Hispanic origin for whom poverty status is*

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	12
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	111
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

**Tract 51: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0051**

PERSONS*Universe: Persons*

Total.....1940

RACE*Universe: Persons*

White.....1117
 Black.....66
 American Indian, Eskimo, or Aleut.....0
 Asian or Pacific Islander.....592
 Other race.....165

RACE*Universe: Persons*

White (800-869, 971).....1117
 Black (870-934, 972).....66
 American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):
 American Indian (000-599, 973).....0
 Eskimo (935-940, 974).....0
 Aleut (941-970, 975).....0
 Asian or Pacific Islander (600-699, 976-985):
 Asian (600-652, 976, 977, 979-982, 985):
 Chinese (605-607, 976).....129
 Filipino (608, 977).....6
 Japanese (611, 981).....12
 Asian Indian (600, 982).....212
 Korean (612, 979).....65
 Vietnamese (619, 980).....0
 Cambodian (604).....0
 Hmong (609).....0
 Laotian (613).....0
 Thai (618).....42
 Other Asian (601-603, 610, 614-617, 620-652, 985).....126
 Pacific Islander (653-699, 978, 983, 984):
 Polynesian (653-659, 978, 983):
 Hawaiian (653, 654, 978).....0
 Samoan (655, 983).....0

Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	165

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	520
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	1420
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Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	165
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Puerto Rican (003, 261-270).....	65
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Cuban (004, 271-274).....	29
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Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....	63
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Central American (221-230):

Guatemalan (222).....	9
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Honduran (223).....	0
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Nicaraguan (224).....	0
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Panamanian (225).....	0
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Salvadoran (226).....	0
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Other Central American (221, 227-230).....	0
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South American (231-249):

Colombian (234).....	44
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Ecuadorian (235).....	69
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Peruvian (237).....	17
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Other South American (231-233, 236, 238-249).....	40
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Other Hispanic (005, 200-209, 250-260, 290-999).....	19
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HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	752
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Black.....	53
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American Indian, Eskimo, or Aleut.....	0
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Asian or Pacific Islander.....	592
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Other race.....	23
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Hispanic origin:

White.....	365
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Black.....	13
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American Indian, Eskimo, or Aleut.....	0
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Asian or Pacific Islander.....	0
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Other race.....	142
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POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	100
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5 years.....	7
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6 to 11 years.....	70
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12 to 17 years.....	109
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18 to 24 years.....	159
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25 to 34 years.....	430
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35 to 44 years.....	293
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45 to 54 years.....	168
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55 to 59 years.....	68
---------------------	----

60 to 64 years.....	67
---------------------	----

65 to 74 years.....	116
75 years and over.....	52
Income in 1989 below poverty level:	
Under 5 years.....	26
5 years.....	0
6 to 11 years.....	32
12 to 17 years.....	18
18 to 24 years.....	30
25 to 34 years.....	86
35 to 44 years.....	28
45 to 54 years.....	25
55 to 59 years.....	13
60 to 64 years.....	0
65 to 74 years.....	35
75 years and over.....	8

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	36
5 years.....	0
6 to 11 years.....	34
12 to 17 years.....	66
18 to 64 years.....	639
65 to 74 years.....	88
75 years and over.....	52

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	5
18 to 64 years.....	55
65 to 74 years.....	6
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	64
5 years.....	7
6 to 11 years.....	29
12 to 17 years.....	27
18 to 64 years.....	373
65 to 74 years.....	22
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	11
18 to 64 years.....	118
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	20
5 years.....	0
6 to 11 years.....	4
12 to 17 years.....	18
18 to 64 years.....	117
65 to 74 years.....	35
75 years and over.....	8

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	28
12 to 17 years.....	0
18 to 64 years.....	42
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	6
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	23
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	19
5 years.....	0
6 to 11 years.....	17
12 to 17 years.....	38
18 to 64 years.....	252
65 to 74 years.....	36
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	21
5 years.....	0
6 to 11 years.....	4
12 to 17 years.....	18
18 to 64 years.....	102
65 to 74 years.....	13
75 years and over.....	0

**Tract 53: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0053**

PERSONS*Universe: Persons*

Total.....5070

RACE*Universe: Persons*

White.....3951

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....698

Other race.....421

RACE*Universe: Persons*

White (800-869, 971).....3951

Black (870-934, 972).....0

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....66

Filipino (608, 977).....260

Japanese (611, 981).....52

Asian Indian (600, 982).....148

Korean (612, 979).....96

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....76

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....421

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....972

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....4098

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....108

Puerto Rican (003, 261-270).....135

Cuban (004, 271-274).....100

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....13

Central American (221-230):

Guatemalan (222)	0
Honduran (223)	0
Nicaraguan (224)	0
Panamanian (225)	15
Salvadoran (226)	0
Other Central American (221, 227-230)	0

South American (231-249):

Colombian (234)	201
Ecuadorian (235)	161
Peruvian (237)	26
Other South American (231-233, 236, 238-249)	54

Other Hispanic (005, 200-209, 250-260, 290-999).....159

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White	3394
Black	0
American Indian, Eskimo, or Aleut	0
Asian or Pacific Islander	675
Other race	29

Hispanic origin:

White	557
Black	0
American Indian, Eskimo, or Aleut	0
Asian or Pacific Islander	23
Other race	392

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years	259
5 years	46
6 to 11 years	198
12 to 17 years	177
18 to 24 years	415
25 to 34 years	967
35 to 44 years	710
45 to 54 years	572
55 to 59 years	294
60 to 64 years	181
65 to 74 years	381
75 years and over	339

Income in 1989 below poverty level:

Under 5 years	29
5 years	0
6 to 11 years	41
12 to 17 years	24
18 to 24 years	76
25 to 34 years	141
35 to 44 years	72
45 to 54 years	53
55 to 59 years	14
60 to 64 years	43
65 to 74 years	11
75 years and over	27

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:	
Under 5 years	143

5 years.....	29
6 to 11 years.....	162
12 to 17 years.....	134
18 to 64 years.....	2447
65 to 74 years.....	369
75 years and over.....	339
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	73
5 years.....	17
6 to 11 years.....	17
12 to 17 years.....	7
18 to 64 years.....	420
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	43
5 years.....	0
6 to 11 years.....	19
12 to 17 years.....	36
18 to 64 years.....	272
65 to 74 years.....	12
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	29
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	18
18 to 64 years.....	235
65 to 74 years.....	11
75 years and over.....	27
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	33
12 to 17 years.....	6
18 to 64 years.....	125
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	39
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	69
5 years.....	0
6 to 11 years.....	36
12 to 17 years.....	63
18 to 64 years.....	591
65 to 74 years.....	49
75 years and over.....	7
Income in 1989 below poverty level:	
Under 5 years.....	29
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	11
18 to 64 years.....	109
65 to 74 years.....	0
75 years and over.....	0

**Tract 55: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0055**

PERSONS

Universe: Persons

Total.....1009

RACE

Universe: Persons

White.....642

Black.....23

American Indian, Eskimo, or Aleut.....30

Asian or Pacific Islander.....96

Other race.....218

RACE

Universe: Persons

White (800-869, 971).....642

Black (870-934, 972).....23

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	30
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	13
Filipino (608, 977).....	18
Japanese (611, 981).....	0
Asian Indian (600, 982).....	41
Korean (612, 979).....	0
Vietnamese (619, 980).....	24
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	218

PERSONS OF HISPANIC ORIGINUniverse: *Persons of Hispanic origin*

Total.....	574
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HISPANIC ORIGINUniverse: *Persons*

Not of Hispanic origin (000-001, 006-199).....	435
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	27
Puerto Rican (003, 261-270).....	225
Cuban (004, 271-274).....	40
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	72
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	23
Nicaraguan (224).....	6
Panamanian (225).....	0
Salvadoran (226).....	13
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	37
Ecuadorian (235).....	57
Peruvian (237).....	12
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	62

HISPANIC ORIGIN BY RACEUniverse: *Persons*

Not of Hispanic origin:

White.....	286
Black.....	23
American Indian, Eskimo, or Aleut.....	30

Asian or Pacific Islander.....	96
Other race.....	0
Hispanic origin:	
White.....	356
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	218

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	34
5 years.....	5
6 to 11 years.....	81
12 to 17 years.....	36
18 to 24 years.....	69
25 to 34 years.....	255
35 to 44 years.....	111
45 to 54 years.....	54
55 to 59 years.....	26
60 to 64 years.....	13
65 to 74 years.....	55
75 years and over.....	37

Income in 1989 below poverty level:

Under 5 years.....	11
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	45
18 to 24 years.....	11
25 to 34 years.....	17
35 to 44 years.....	61
45 to 54 years.....	25
55 to 59 years.....	0
60 to 64 years.....	18
65 to 74 years.....	0
75 years and over.....	31

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	11
5 years.....	0
6 to 11 years.....	75
12 to 17 years.....	30
18 to 64 years.....	269
65 to 74 years.....	55
75 years and over.....	21

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	23
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	30
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	12
5 years.....	5
6 to 11 years.....	6
12 to 17 years.....	4
18 to 64 years.....	60
65 to 74 years.....	0
75 years and over.....	9
Other race:	
Under 5 years.....	11
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	2
18 to 64 years.....	146
65 to 74 years.....	0
75 years and over.....	7
Income in 1989 below poverty level:	
White:	
Under 5 years.....	11
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	37
18 to 64 years.....	110
65 to 74 years.....	0
75 years and over.....	23
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	8
18 to 64 years.....	22
65 to 74 years.....	0
75 years and over.....	8

POVERTY STATUS IN 1989 BY AGE*Universe: Persons of Hispanic origin for whom poverty status is**Universe: determined*

Income in 1989 above poverty level:

Under 5 years.....	11
5 years.....	0
6 to 11 years.....	75
12 to 17 years.....	11
18 to 64 years.....	263
65 to 74 years.....	19
75 years and over.....	7

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	45
18 to 64 years.....	106
65 to 74 years.....	0
75 years and over.....	23

Tract 57: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0057

PERSONS*Universe: Persons*

Total.....4211

RACE*Universe: Persons*

White.....	2830
Black.....	157
American Indian, Eskimo, or Aleut.....	7
Asian or Pacific Islander.....	652
Other race.....	565

RACE*Universe: Persons*

White (800-869, 971).....2830

Black (870-934, 972).....157

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....7

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....232

Filipino (608, 977).....94

Japanese (611, 981).....13

Asian Indian (600, 982).....209

Korean (612, 979).....80

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....24

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	565

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....1467

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....2744

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....55

Puerto Rican (003, 261-270).....279

Cuban (004, 271-274).....188

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....97

Central American (221-230):

Guatemalan (222).....0

Honduran (223).....0

Nicaraguan (224).....11

Panamanian (225).....0

Salvadoran (226).....30

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....390

Ecuadorian (235).....168

Peruvian (237).....51

Other South American (231-233, 236, 238-249).....48

Other Hispanic (005, 200-209, 250-260, 290-999).....150

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....1990

Black.....90

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....628

Other race.....36

Hispanic origin:

White.....840

Black.....67

American Indian, Eskimo, or Aleut.....7

Asian or Pacific Islander.....24

Other race.....529

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....153

5 years.....27

6 to 11 years.....176

12 to 17 years.....150

18 to 24 years.....511

25 to 34 years.....836

35 to 44 years.....541

45 to 54 years.....413

55 to 59 years.....	147
60 to 64 years.....	214
65 to 74 years.....	205
75 years and over.....	206
Income in 1989 below poverty level:	
Under 5 years.....	44
5 years.....	6
6 to 11 years.....	98
12 to 17 years.....	53
18 to 24 years.....	41
25 to 34 years.....	105
35 to 44 years.....	85
45 to 54 years.....	35
55 to 59 years.....	32
60 to 64 years.....	37
65 to 74 years.....	38
75 years and over.....	35

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	81
5 years.....	14
6 to 11 years.....	76
12 to 17 years.....	67
18 to 64 years.....	1787
65 to 74 years.....	178
75 years and over.....	184

Black:

Under 5 years.....	35
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	20
18 to 64 years.....	92
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	7
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	15
5 years.....	13
6 to 11 years.....	44
12 to 17 years.....	33
18 to 64 years.....	463
65 to 74 years.....	14
75 years and over.....	6

Other race:

Under 5 years.....	22
5 years.....	0
6 to 11 years.....	56
12 to 17 years.....	30
18 to 64 years.....	313
65 to 74 years.....	13
75 years and over.....	16

Income in 1989 below poverty level:

White:

Under 5 years.....	26
5 years.....	0
6 to 11 years.....	60
12 to 17 years.....	43
18 to 64 years.....	218
65 to 74 years.....	38
75 years and over.....	35

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	10
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	6
5 years.....	6
6 to 11 years.....	6
12 to 17 years.....	0
18 to 64 years.....	46
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	12
5 years.....	0
6 to 11 years.....	32
12 to 17 years.....	10
18 to 64 years.....	61
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	104
5 years.....	14
6 to 11 years.....	79
12 to 17 years.....	55
18 to 64 years.....	902
65 to 74 years.....	13
75 years and over.....	26

Income in 1989 below poverty level:

Under 5 years.....	25
5 years.....	0
6 to 11 years.....	46
12 to 17 years.....	22
18 to 64 years.....	128
65 to 74 years.....	21
75 years and over.....	9

**Tract 59: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0059****PERSONS***Universe: Persons*

Total.....4289

RACE*Universe: Persons*

White.....3276

Black.....101

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....451

Other race.....461

RACE*Universe: Persons*

White (800-869, 971).....3276

Black (870-934, 972).....101

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....93

Filipino (608, 977).....47

Japanese (611, 981).....0

Asian Indian (600, 982).....35

Korean (612, 979).....52

Vietnamese (619, 980).....78

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....51

Other Asian (601-603, 610, 614-617, 620-652, 985).....95

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoaan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....461

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....1147

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....3142

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....6

Puerto Rican (003, 261-270).....109

Cuban (004, 271-274).....123

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....48

Central American (221-230):

Guatemalan (222).....0

Honduran (223).....15

Nicaraguan (224).....9

Panamanian (225).....0

Salvadoran (226).....128

Other Central American (221, 227-230).....10

South American (231-249):

Colombian (234).....299

Ecuadorian (235).....180

Peruvian (237).....90

Other South American (231-233, 236, 238-249).....34

Other Hispanic (005, 200-209, 250-260, 290-999).....96

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....2672

Black.....12

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....443

Other race.....15

Hispanic origin:

White.....604

Black.....89

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....8

Other race.....446

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....160

5 years.....46

6 to 11 years.....78

12 to 17 years.....215

18 to 24 years.....395

25 to 34 years.....897

35 to 44 years.....639

45 to 54 years.....415

55 to 59 years.....208

60 to 64 years.....214

65 to 74 years.....270

75 years and over.....221

Income in 1989 below poverty level:

Under 5 years.....17

5 years.....10

6 to 11 years.....32

12 to 17 years.....11

18 to 24 years.....65

25 to 34 years.....147

35 to 44 years.....74

45 to 54 years.....25

55 to 59 years.....42

60 to 64 years.....29

65 to 74 years.....27

75 years and over.....44

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:	
Under 5 years.....	120
5 years.....	12
6 to 11 years.....	62
12 to 17 years.....	162
18 to 64 years.....	2074
65 to 74 years.....	263
75 years and over.....	221
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	101
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	19
5 years.....	0
6 to 11 years.....	16
12 to 17 years.....	38
18 to 64 years.....	309
65 to 74 years.....	7
75 years and over.....	0
Other race:	
Under 5 years.....	21
5 years.....	34
6 to 11 years.....	0
12 to 17 years.....	15
18 to 64 years.....	284
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	17
5 years.....	10
6 to 11 years.....	32
12 to 17 years.....	11
18 to 64 years.....	213
65 to 74 years.....	27
75 years and over.....	44
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	62
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	107
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	40
5 years.....	34
6 to 11 years.....	11
12 to 17 years.....	44
18 to 64 years.....	751
65 to 74 years.....	23
75 years and over.....	17
Income in 1989 below poverty level:	
Under 5 years.....	11
5 years.....	10
6 to 11 years.....	32
12 to 17 years.....	11
18 to 64 years.....	163
65 to 74 years.....	0
75 years and over.....	0

Tract 61: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0061

PERSONS*Universe: Persons*

Total.....5677

RACE*Universe: Persons*

White.....4413

Black.....25

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....751

Other race.....488

RACE*Universe: Persons*

White (800-869, 971).....	4413
Black (870-934, 972).....	25
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	178
Filipino (608, 977).....	121
Japanese (611, 981).....	14
Asian Indian (600, 982).....	95
Korean (612, 979).....	184
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	23
Other Asian (601-603, 610, 614-617, 620-652, 985).....	136
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	488

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....1181

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....4496

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	77
Puerto Rican (003, 261-270).....	219
Cuban (004, 271-274).....	136

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....48

Central American (221-230):

Guatemalan (222).....	0
Honduran (223).....	27
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	18
Other Central American (221, 227-230).....	0

South American (231-249):

Colombian (234).....	158
Ecuadorian (235).....	146
Peruvian (237).....	26
Other South American (231-233, 236, 238-249).....	125

Other Hispanic (005, 200-209, 250-260, 290-999).....201

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....3671

Black.....	12
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	735
Other race.....	78
Hispanic origin:	
White.....	742
Black.....	13
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	16
Other race.....	410

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	206
5 years.....	30
6 to 11 years.....	259
12 to 17 years.....	222
18 to 24 years.....	447
25 to 34 years.....	1183
35 to 44 years.....	810
45 to 54 years.....	573
55 to 59 years.....	283
60 to 64 years.....	227
65 to 74 years.....	325
75 years and over.....	283

Income in 1989 below poverty level:

Under 5 years.....	43
5 years.....	9
6 to 11 years.....	48
12 to 17 years.....	34
18 to 24 years.....	109
25 to 34 years.....	183
35 to 44 years.....	80
45 to 54 years.....	66
55 to 59 years.....	41
60 to 64 years.....	59
65 to 74 years.....	66
75 years and over.....	91

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	150
5 years.....	6
6 to 11 years.....	218
12 to 17 years.....	183
18 to 64 years.....	2801
65 to 74 years.....	301
75 years and over.....	277

Black:

Under 5 years.....	4
5 years.....	4
6 to 11 years.....	4
12 to 17 years.....	0
18 to 64 years.....	13
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	52
5 years.....	20
6 to 11 years.....	16
12 to 17 years.....	18
18 to 64 years.....	390
65 to 74 years.....	24
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	21
12 to 17 years.....	21
18 to 64 years.....	319
65 to 74 years.....	0
75 years and over.....	6
Income in 1989 below poverty level:	
White:	
Under 5 years.....	20
5 years.....	0
6 to 11 years.....	16
12 to 17 years.....	16
18 to 64 years.....	278
65 to 74 years.....	66
75 years and over.....	81
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	17
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	10
18 to 64 years.....	176
65 to 74 years.....	0
75 years and over.....	10
Other race:	
Under 5 years.....	6
5 years.....	9
6 to 11 years.....	14
12 to 17 years.....	8
18 to 64 years.....	84

65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	28
5 years.....	0
6 to 11 years.....	72
12 to 17 years.....	57
18 to 64 years.....	849
65 to 74 years.....	11
75 years and over.....	6
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	8
18 to 64 years.....	122
65 to 74 years.....	0
75 years and over.....	20

**Tract 63: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0063**

PERSONS

Universe: Persons

Total.....5923

RACE

Universe: Persons

White.....4576

Black.....102

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....883

Other race.....362

RACE

Universe: Persons

White (800-869, 971).....4576

Black (870-934, 972).....102

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....119

Filipino (608, 977).....176

Japanese (611, 981).....0

Asian Indian (600, 982).....126

Korean (612, 979).....133

Vietnamese (619, 980).....139

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....190

Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	362

PERSONS OF HISPANIC ORIGINUniverse: *Persons of Hispanic origin*

Total.....1066

HISPANIC ORIGINUniverse: *Persons*

Not of Hispanic origin (000-001, 006-199).....4857

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....75

Puerto Rican (003, 261-270).....200

Cuban (004, 271-274).....43

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....30

Central American (221-230):

Guatemalan (222).....46

Honduran (223).....0

Nicaraguan (224).....19

Panamanian (225).....0

Salvadoran (226).....12

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....214

Ecuadorian (235).....197

Peruvian (237).....117

Other South American (231-233, 236, 238-249).....55

Other Hispanic (005, 200-209, 250-260, 290-999).....58

HISPANIC ORIGIN BY RACEUniverse: *Persons*

Not of Hispanic origin:

White.....3893

Black.....91

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....865

Other race.....8

Hispanic origin:

White.....683

Black.....11

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....18

Other race.....354

POVERTY STATUS IN 1989 BY AGEUniverse: *Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....178

5 years.....50

6 to 11 years.....215

12 to 17 years.....276

18 to 24 years.....510

25 to 34 years.....1292

35 to 44 years.....	936
45 to 54 years.....	386
55 to 59 years.....	240
60 to 64 years.....	234
65 to 74 years.....	364
75 years and over.....	330

Income in 1989 below poverty level:

Under 5 years.....	27
5 years.....	15
6 to 11 years.....	86
12 to 17 years.....	50
18 to 24 years.....	57
25 to 34 years.....	220
35 to 44 years.....	138
45 to 54 years.....	102
55 to 59 years.....	44
60 to 64 years.....	30
65 to 74 years.....	37
75 years and over.....	97

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	121
5 years.....	50
6 to 11 years.....	139
12 to 17 years.....	213
18 to 64 years.....	2683
65 to 74 years.....	349
75 years and over.....	330

Black:

Under 5 years.....	11
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	10
18 to 64 years.....	53
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	33
5 years.....	0
6 to 11 years.....	56
12 to 17 years.....	43
18 to 64 years.....	596
65 to 74 years.....	15
75 years and over.....	0

Other race:

Under 5 years.....	13
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	10
18 to 64 years.....	266

65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	27
5 years.....	15
6 to 11 years.....	66
12 to 17 years.....	21
18 to 64 years.....	434
65 to 74 years.....	31
75 years and over.....	97
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	18
18 to 64 years.....	107
65 to 74 years.....	6
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	11
18 to 64 years.....	42
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	49
5 years.....	22
6 to 11 years.....	52
12 to 17 years.....	28
18 to 64 years.....	649
65 to 74 years.....	10
75 years and over.....	30

Income in 1989 below poverty level:

Under 5 years.....	18
5 years.....	0
6 to 11 years.....	33
12 to 17 years.....	21
18 to 64 years.....	144

65 to 74 years.....0
75 years and over.....10

**Tract 65: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0065**

PERSONS

Universe: Persons

Total.....7807

RACE

Universe: Persons

White.....6393

Black.....139

American Indian, Eskimo, or Aleut.....40

Asian or Pacific Islander.....845

Other race.....390

RACE

Universe: Persons

White (800-869, 971).....6393

Black (870-934, 972).....139

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....40

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....194

Filipino (608, 977).....186

Japanese (611, 981).....0

Asian Indian (600, 982).....165

Korean (612, 979).....230

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....9

Other Asian (601-603, 610, 614-617, 620-652, 985).....61

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoaan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....390

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....1465

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....6342

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	205
Puerto Rican (003, 261-270).....	322
Cuban (004, 271-274).....	56
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	42
Central American (221-230):	
Guatemalan (222).....	46
Honduran (223).....	0
Nicaraguan (224).....	29
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	242
Ecuadorian (235).....	152
Peruvian (237).....	84
Other South American (231-233, 236, 238-249).....	119
Other Hispanic (005, 200-209, 250-260, 290-999).....	168

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....	5377
Black.....	103
American Indian, Eskimo, or Aleut.....	40
Asian or Pacific Islander.....	822
Other race.....	0

Hispanic origin:

White.....	1016
Black.....	36
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	23
Other race.....	390

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	389
5 years.....	57
6 to 11 years.....	364
12 to 17 years.....	279
18 to 24 years.....	673
25 to 34 years.....	1861
35 to 44 years.....	1159
45 to 54 years.....	537
55 to 59 years.....	362
60 to 64 years.....	282
65 to 74 years.....	409
75 years and over.....	454

Income in 1989 below poverty level:

Under 5 years.....	52
5 years.....	0
6 to 11 years.....	57
12 to 17 years.....	73
18 to 24 years.....	144
25 to 34 years.....	151
35 to 44 years.....	152
45 to 54 years.....	73
55 to 59 years.....	33
60 to 64 years.....	25
65 to 74 years.....	121
75 years and over.....	81

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	245
5 years.....	48
6 to 11 years.....	287
12 to 17 years.....	261
18 to 64 years.....	4009
65 to 74 years.....	383
75 years and over.....	446

Black:

Under 5 years.....	41
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	0
18 to 64 years.....	80
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	7
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	81
5 years.....	9
6 to 11 years.....	52
12 to 17 years.....	0
18 to 64 years.....	530
65 to 74 years.....	26
75 years and over.....	8

Other race:

Under 5 years.....	22
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	18
18 to 64 years.....	248
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	52
5 years.....	0
6 to 11 years.....	29
12 to 17 years.....	16
18 to 64 years.....	408
65 to 74 years.....	114
75 years and over.....	76

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	0
18 to 64 years.....	19
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	51
18 to 64 years.....	76
65 to 74 years.....	7
75 years and over.....	5

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	6
18 to 64 years.....	75
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	91
5 years.....	14
6 to 11 years.....	92
12 to 17 years.....	91
18 to 64 years.....	916
65 to 74 years.....	21
75 years and over.....	19

Income in 1989 below poverty level:

Under 5 years.....	26
5 years.....	0
6 to 11 years.....	27
12 to 17 years.....	6
18 to 64 years.....	162
65 to 74 years.....	0
75 years and over.....	0

**Tract 67: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0067**

PERSONS

Universe: Persons

Total.....813

RACE

Universe: Persons

White.....	741
Black.....	12
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	19

Other race.....	41
RACE	
<i>Universe: Persons</i>	
White (800-869, 971).....	741
Black (870-934, 972).....	12
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	0
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	19
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	41
PERSONS OF HISPANIC ORIGIN	
<i>Universe: Persons of Hispanic origin</i>	
Total.....	88
HISPANIC ORIGIN	
<i>Universe: Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	725
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	0
Cuban (004, 271-274).....	0
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	0
Ecuadorian (235).....	76
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	12
HISPANIC ORIGIN BY RACE	

Universe: Persons

Not of Hispanic origin:

White.....	694
Black.....	12
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	19
Other race.....	0

Hispanic origin:

White.....	47
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	41

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	47
5 years.....	10
6 to 11 years.....	33
12 to 17 years.....	39
18 to 24 years.....	97
25 to 34 years.....	151
35 to 44 years.....	84
45 to 54 years.....	158
55 to 59 years.....	23
60 to 64 years.....	21
65 to 74 years.....	41
75 years and over.....	38

Income in 1989 below poverty level:

Under 5 years.....	10
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	29
25 to 34 years.....	10
35 to 44 years.....	14
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	8

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	43
5 years.....	10
6 to 11 years.....	33
12 to 17 years.....	39
18 to 64 years.....	478
65 to 74 years.....	41
75 years and over.....	38

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:
Under 5 years.....0
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....0
65 to 74 years.....0
75 years and over.....0
Asian or Pacific Islander:
Under 5 years.....0
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....19
65 to 74 years.....0
75 years and over.....0
Other race:
Under 5 years.....4
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....37
65 to 74 years.....0
75 years and over.....0
Income in 1989 below poverty level:
White:
Under 5 years.....10
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....41
65 to 74 years.....0
75 years and over.....8
Black:
Under 5 years.....0
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....12
65 to 74 years.....0
75 years and over.....0
American Indian, Eskimo, or Aleut:
Under 5 years.....0
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....0
65 to 74 years.....0
75 years and over.....0
Asian or Pacific Islander:
Under 5 years.....0
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....0
65 to 74 years.....0
75 years and over.....0
Other race:
Under 5 years.....0
5 years.....0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	4
5 years.....	0
6 to 11 years.....	5
12 to 17 years.....	0
18 to 64 years.....	79
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Tract 69: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0069

PERSONS

Universe: Persons

Total.....3864

RACE

Universe: Persons

White.....	2994
Black.....	87
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	452
Other race.....	331

RACE

Universe: Persons

White (800-869, 971).....	2994
Black (870-934, 972).....	87
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	77
Filipino (608, 977).....	63
Japanese (611, 981).....	0
Asian Indian (600, 982).....	79
Korean (612, 979).....	151
Vietnamese (619, 980).....	14
Cambodian (604).....	0
Hmong (609).....	0

Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	68
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	331
PERSONS OF HISPANIC ORIGIN	
Universe: <i>Persons of Hispanic origin</i>	
Total.....	1070
HISPANIC ORIGIN	
Universe: <i>Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	2794
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	133
Puerto Rican (003, 261-270).....	132
Cuban (004, 271-274).....	50
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	89
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	18
Panamanian (225).....	0
Salvadoran (226).....	24
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	102
Ecuadorian (235).....	193
Peruvian (237).....	202
Other South American (231-233, 236, 238-249).....	48
Other Hispanic (005, 200-209, 250-260, 290-999).....	79
HISPANIC ORIGIN BY RACE	
Universe: <i>Persons</i>	
Not of Hispanic origin:	
White.....	2306
Black.....	35
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	444
Other race.....	9
Hispanic origin:	
White.....	688
Black.....	52
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	8
Other race.....	322
POVERTY STATUS IN 1989 BY AGE	
Universe: <i>Persons for whom poverty status is determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	100
5 years.....	50
6 to 11 years.....	175

12 to 17 years.....	164
18 to 24 years.....	335
25 to 34 years.....	930
35 to 44 years.....	325
45 to 54 years.....	333
55 to 59 years.....	160
60 to 64 years.....	170
65 to 74 years.....	307
75 years and over.....	165
Income in 1989 below poverty level:	
Under 5 years.....	96
5 years.....	45
6 to 11 years.....	67
12 to 17 years.....	33
18 to 24 years.....	82
25 to 34 years.....	85
35 to 44 years.....	127
45 to 54 years.....	18
55 to 59 years.....	5
60 to 64 years.....	5
65 to 74 years.....	55
75 years and over.....	18

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	87
5 years.....	38
6 to 11 years.....	108
12 to 17 years.....	135
18 to 64 years.....	1767
65 to 74 years.....	265
75 years and over.....	165

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	9
18 to 64 years.....	33
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	12
6 to 11 years.....	47
12 to 17 years.....	8
18 to 64 years.....	262
65 to 74 years.....	33
75 years and over.....	0

Other race:

Under 5 years.....	13
5 years.....	0

6 to 11 years.....	11
12 to 17 years.....	12
18 to 64 years.....	191
65 to 74 years.....	9
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	85
5 years.....	36
6 to 11 years.....	29
12 to 17 years.....	6
18 to 64 years.....	186
65 to 74 years.....	55
75 years and over.....	18
Black:	
Under 5 years.....	0
5 years.....	9
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	27
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	13
12 to 17 years.....	8
18 to 64 years.....	69
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	11
5 years.....	0
6 to 11 years.....	25
12 to 17 years.....	19
18 to 64 years.....	40
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	26
5 years.....	0
6 to 11 years.....	49
12 to 17 years.....	29
18 to 64 years.....	645
65 to 74 years.....	30
75 years and over.....	19
Income in 1989 below poverty level:	
Under 5 years.....	71
5 years.....	18

6 to 11 years.....	25
12 to 17 years.....	19
18 to 64 years.....	125
65 to 74 years.....	0
75 years and over.....	0

**Tract 71: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0071**

PERSONS

Universe: Persons

Total.....3734

RACE

Universe: Persons

White.....3019

Black.....95

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....313

Other race.....307

RACE

Universe: Persons

White (800-869, 971).....3019

Black (870-934, 972).....95

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....93

Filipino (608, 977).....116

Japanese (611, 981).....0

Asian Indian (600, 982).....67

Korean (612, 979).....37

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....0

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....307

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....957

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199)	2777
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220)	97
Puerto Rican (003, 261-270)	256
Cuban (004, 271-274)	9
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289)	46
Central American (221-230):	
Guatemalan (222)	33
Honduran (223)	0
Nicaraguan (224)	0
Panamanian (225)	0
Salvadoran (226)	11
Other Central American (221, 227-230)	0
South American (231-249):	
Colombian (234)	122
Ecuadorian (235)	85
Peruvian (237)	108
Other South American (231-233, 236, 238-249)	120
Other Hispanic (005, 200-209, 250-260, 290-999)	70

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:	
White	2369
Black	95
American Indian, Eskimo, or Aleut	0
Asian or Pacific Islander	313
Other race	0
Hispanic origin:	
White	650
Black	0
American Indian, Eskimo, or Aleut	0
Asian or Pacific Islander	0
Other race	307

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years	94
5 years	18
6 to 11 years	132
12 to 17 years	236
18 to 24 years	314
25 to 34 years	606
35 to 44 years	612
45 to 54 years	347
55 to 59 years	151
60 to 64 years	75
65 to 74 years	241
75 years and over	92

Income in 1989 below poverty level:

Under 5 years	43
5 years	0
6 to 11 years	64
12 to 17 years	55
18 to 24 years	125
25 to 34 years	156
35 to 44 years	66
45 to 54 years	39
55 to 59 years	19

60 to 64 years.....	32
65 to 74 years.....	43
75 years and over.....	74

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	52
5 years.....	18
6 to 11 years.....	101
12 to 17 years.....	187
18 to 64 years.....	1691
65 to 74 years.....	241
75 years and over.....	92

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	15
18 to 64 years.....	63
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	27
5 years.....	0
6 to 11 years.....	16
12 to 17 years.....	7
18 to 64 years.....	178
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	15
5 years.....	0
6 to 11 years.....	15
12 to 17 years.....	27
18 to 64 years.....	173
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	28
5 years.....	0
6 to 11 years.....	64
12 to 17 years.....	24
18 to 64 years.....	328
65 to 74 years.....	43
75 years and over.....	67

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	10
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	6
18 to 64 years.....	69
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	5
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	25
18 to 64 years.....	40
65 to 74 years.....	0
75 years and over.....	7
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	44
5 years.....	0
6 to 11 years.....	64
12 to 17 years.....	70
18 to 64 years.....	492
65 to 74 years.....	14
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	23
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	25
18 to 64 years.....	210
65 to 74 years.....	8
75 years and over.....	7

Tract 73: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0073

PERSONS*Universe: Persons*

Total.....4158

RACE*Universe: Persons*

White.....3248

Black.....	74
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	661
Other race.....	175

RACE*Universe: Persons*

White (800-869, 971).....	3248
Black (870-934, 972).....	74
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	101
Filipino (608, 977).....	14
Japanese (611, 981).....	10
Asian Indian (600, 982).....	191
Korean (612, 979).....	163
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	36
Other Asian (601-603, 610, 614-617, 620-652, 985).....	146
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	175

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	590
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	3568
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	13
Puerto Rican (003, 261-270).....	154
Cuban (004, 271-274).....	96
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	88
Central American (221-230):	
Guatemalan (222).....	14
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	104
Ecuadorian (235).....	0
Peruvian (237).....	27

Other South American (231-233, 236, 238-249).....0

Other Hispanic (005, 200-209, 250-260, 290-999).....94

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....2869

Black.....62

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....637

Other race.....0

Hispanic origin:

White.....379

Black.....12

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....24

Other race.....175

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....167

5 years.....18

6 to 11 years.....131

12 to 17 years.....92

18 to 24 years.....283

25 to 34 years.....999

35 to 44 years.....499

45 to 54 years.....461

55 to 59 years.....219

60 to 64 years.....170

65 to 74 years.....271

75 years and over.....340

Income in 1989 below poverty level:

Under 5 years.....44

5 years.....8

6 to 11 years.....6

12 to 17 years.....15

18 to 24 years.....57

25 to 34 years.....101

35 to 44 years.....76

45 to 54 years.....29

55 to 59 years.....48

60 to 64 years.....23

65 to 74 years.....35

75 years and over.....54

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....119

5 years.....0

6 to 11 years.....57

12 to 17 years.....48

18 to 64 years.....2090

65 to 74 years.....253

75 years and over.....340

Black:

Under 5 years.....0

5 years.....10

6 to 11 years.....0

12 to 17 years.....0

18 to 64 years.....	44
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	36
5 years.....	0
6 to 11 years.....	43
12 to 17 years.....	44
18 to 64 years.....	399
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	12
5 years.....	8
6 to 11 years.....	31
12 to 17 years.....	0
18 to 64 years.....	98
65 to 74 years.....	18
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	37
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	9
18 to 64 years.....	206
65 to 74 years.....	35
75 years and over.....	54
Black:	
Under 5 years.....	7
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	13
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	8
6 to 11 years.....	6
12 to 17 years.....	6
18 to 64 years.....	107
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	28
5 years.....	8
6 to 11 years.....	47
12 to 17 years.....	23
18 to 64 years.....	387
65 to 74 years.....	29
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	7
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	32
65 to 74 years.....	14
75 years and over.....	15

**Tract 75: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0075**

PERSONS

Universe: Persons

Total.....4260

RACE

Universe: Persons

White.....	3423
Black.....	199
American Indian, Eskimo, or Aleut.....	8
Asian or Pacific Islander.....	486
Other race.....	144

RACE

Universe: Persons

White (800-869, 971).....	3423
Black (870-934, 972).....	199
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	8
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	28
Filipino (608, 977).....	87
Japanese (611, 981).....	43
Asian Indian (600, 982).....	38
Korean (612, 979).....	121

Vietnamese (619, 980).....	33
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	28
Other Asian (601-603, 610, 614-617, 620-652, 985).....	108
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	144

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	779
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	3481
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	73
Puerto Rican (003, 261-270).....	243
Cuban (004, 271-274).....	30
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	37
Central American (221-230):	
Guatemalan (222).....	50
Honduran (223).....	40
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	162
Ecuadorian (235).....	48
Peruvian (237).....	5
Other South American (231-233, 236, 238-249).....	9
Other Hispanic (005, 200-209, 250-260, 290-999).....	82

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	2815
Black.....	183
American Indian, Eskimo, or Aleut.....	8
Asian or Pacific Islander.....	475
Other race.....	0

Hispanic origin:

White.....	608
Black.....	16
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	11
Other race.....	144

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	107
5 years.....	9
6 to 11 years.....	162
12 to 17 years.....	115
18 to 24 years.....	233
25 to 34 years.....	783
35 to 44 years.....	560
45 to 54 years.....	401
55 to 59 years.....	79
60 to 64 years.....	209
65 to 74 years.....	412
75 years and over.....	475
Income in 1989 below poverty level:	
Under 5 years.....	61
5 years.....	13
6 to 11 years.....	55
12 to 17 years.....	34
18 to 24 years.....	36
25 to 34 years.....	187
35 to 44 years.....	68
45 to 54 years.....	34
55 to 59 years.....	37
60 to 64 years.....	41
65 to 74 years.....	42
75 years and over.....	107
POVERTY STATUS IN 1989 BY RACE BY AGE	
<i>Universe: Persons for whom poverty status is determined</i>	
Income in 1989 above poverty level:	
White:	
Under 5 years.....	88
5 years.....	9
6 to 11 years.....	125
12 to 17 years.....	102
18 to 64 years.....	1875
65 to 74 years.....	397
75 years and over.....	422
Black:	
Under 5 years.....	11
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	0
18 to 64 years.....	67
65 to 74 years.....	8
75 years and over.....	29
American Indian, Eskimo, or Aleut:	
Under 5 years.....	4
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	4
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	23
12 to 17 years.....	13
18 to 64 years.....	221
65 to 74 years.....	0
75 years and over.....	16

Other race:	
Under 5 years.....	4
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	98
65 to 74 years.....	7
75 years and over.....	8
Income in 1989 below poverty level:	
White:	
Under 5 years.....	13
5 years.....	7
6 to 11 years.....	49
12 to 17 years.....	11
18 to 64 years.....	210
65 to 74 years.....	31
75 years and over.....	84
Black:	
Under 5 years.....	12
5 years.....	6
6 to 11 years.....	6
12 to 17 years.....	11
18 to 64 years.....	23
65 to 74 years.....	0
75 years and over.....	12
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	29
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	12
18 to 64 years.....	150
65 to 74 years.....	11
75 years and over.....	11
Other race:	
Under 5 years.....	7
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	20
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	50
5 years.....	0
6 to 11 years.....	38
12 to 17 years.....	38
18 to 64 years.....	511
65 to 74 years.....	52
75 years and over.....	25

Income in 1989 below poverty level:

Under 5 years.....	7
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	41
65 to 74 years.....	0
75 years and over.....	17

**Tract 77: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0077**

PERSONS

Universe: Persons

Total.....1141

RACE

Universe: Persons

White.....968
 Black.....93
 American Indian, Eskimo, or Aleut.....0
 Asian or Pacific Islander.....53
 Other race.....27

RACE

Universe: Persons

White (800-869, 971).....968
 Black (870-934, 972).....93
 American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):
 American Indian (000-599, 973).....0
 Eskimo (935-940, 974).....0
 Aleut (941-970, 975).....0
 Asian or Pacific Islander (600-699, 976-985):
 Asian (600-652, 976, 977, 979-982, 985):
 Chinese (605-607, 976).....10
 Filipino (608, 977).....10
 Japanese (611, 981).....0
 Asian Indian (600, 982).....16
 Korean (612, 979).....0
 Vietnamese (619, 980).....0
 Cambodian (604).....0
 Hmong (609).....0
 Laotian (613).....0
 Thai (618).....0
 Other Asian (601-603, 610, 614-617, 620-652, 985).....17
 Pacific Islander (653-699, 978, 983, 984):
 Polynesian (653-659, 978, 983):
 Hawaiian (653, 654, 978).....0
 Samoan (655, 983).....0
 Tongan (657).....0
 Other Polynesian (656, 658, 659).....0
 Micronesian (660-675, 984):
 Guamanian (660, 984).....0
 Other Micronesian (661-675).....0
 Melanesian (676-680).....0
 Pacific Islander, not specified (681-699).....0
 Other race (700-799, 986-999).....27

PERSONS OF HISPANIC ORIGIN

<i>Universe: Persons of Hispanic origin</i>	
Total.....	257
HISPANIC ORIGIN	
<i>Universe: Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	884
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	36
Cuban (004, 271-274).....	7
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	20
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	0
Ecuadorian (235).....	81
Peruvian (237).....	71
Other South American (231-233, 236, 238-249).....	34
Other Hispanic (005, 200-209, 250-260, 290-999).....	8
HISPANIC ORIGIN BY RACE	
<i>Universe: Persons</i>	
Not of Hispanic origin:	
White.....	755
Black.....	93
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	36
Other race.....	0
Hispanic origin:	
White.....	213
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	17
Other race.....	27
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons for whom poverty status is determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	77
5 years.....	28
6 to 11 years.....	58
12 to 17 years.....	34
18 to 24 years.....	125
25 to 34 years.....	156
35 to 44 years.....	120
45 to 54 years.....	182
55 to 59 years.....	53
60 to 64 years.....	24
65 to 74 years.....	84
75 years and over.....	35
Income in 1989 below poverty level:	
Under 5 years.....	7
5 years.....	0
6 to 11 years.....	22
12 to 17 years.....	5
18 to 24 years.....	41
25 to 34 years.....	25

35 to 44 years.....	32
45 to 54 years.....	0
55 to 59 years.....	16
60 to 64 years.....	0
65 to 74 years.....	7
75 years and over.....	10

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	55
5 years.....	16
6 to 11 years.....	47
12 to 17 years.....	34
18 to 64 years.....	569
65 to 74 years.....	84
75 years and over.....	35

Black:

Under 5 years.....	22
5 years.....	12
6 to 11 years.....	11
12 to 17 years.....	0
18 to 64 years.....	23
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	53
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	15
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	7
5 years.....	0
6 to 11 years.....	22
12 to 17 years.....	5
18 to 64 years.....	77
65 to 74 years.....	7
75 years and over.....	10

Black:

Under 5 years.....	0
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5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	25
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	12
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	21
5 years.....	0
6 to 11 years.....	13
12 to 17 years.....	10
18 to 64 years.....	168
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	6
12 to 17 years.....	5
18 to 64 years.....	34
65 to 74 years.....	0
75 years and over.....	0

Tract 79: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0079

PERSONS

Universe: Persons

Total.....2892

RACE*Universe: Persons*

White.....	1634
Black.....	253
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	667
Other race.....	338

RACE*Universe: Persons*

White (800-869, 971).....	1634
Black (870-934, 972).....	253
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	188
Filipino (608, 977).....	222
Japanese (611, 981).....	30
Asian Indian (600, 982).....	152
Korean (612, 979).....	8
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	67
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	338

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	917
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	1975
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	157
Puerto Rican (003, 261-270).....	172
Cuban (004, 271-274).....	63
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	200
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	7
Nicaraguan (224).....	29
Panamanian (225).....	0
Salvadoran (226).....	18
Other Central American (221, 227-230).....	7
South American (231-249):	

Colombian (234).....	75
Ecuadorian (235).....	39
Peruvian (237).....	65
Other South American (231-233, 236, 238-249).....	22
Other Hispanic (005, 200-209, 250-260, 290-999).....	63

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	1171
Black.....	223
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	581
Other race.....	0

Hispanic origin:

White.....	463
Black.....	30
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	86
Other race.....	338

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	122
5 years.....	23
6 to 11 years.....	102
12 to 17 years.....	232
18 to 24 years.....	291
25 to 34 years.....	527
35 to 44 years.....	304
45 to 54 years.....	253
55 to 59 years.....	139
60 to 64 years.....	59
65 to 74 years.....	155
75 years and over.....	57

Income in 1989 below poverty level:

Under 5 years.....	65
5 years.....	32
6 to 11 years.....	55
12 to 17 years.....	42
18 to 24 years.....	88
25 to 34 years.....	143
35 to 44 years.....	93
45 to 54 years.....	31
55 to 59 years.....	0
60 to 64 years.....	14
65 to 74 years.....	41
75 years and over.....	24

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	58
5 years.....	6
6 to 11 years.....	51
12 to 17 years.....	131
18 to 64 years.....	924
65 to 74 years.....	143
75 years and over.....	57

Black:

Under 5 years.....	0
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5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	31
18 to 64 years.....	115
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	41
5 years.....	11
6 to 11 years.....	31
12 to 17 years.....	53
18 to 64 years.....	401
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	23
5 years.....	6
6 to 11 years.....	20
12 to 17 years.....	17
18 to 64 years.....	133
65 to 74 years.....	12
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	28
5 years.....	6
6 to 11 years.....	22
12 to 17 years.....	25
18 to 64 years.....	149
65 to 74 years.....	27
75 years and over.....	7
Black:	
Under 5 years.....	0
5 years.....	11
6 to 11 years.....	12
12 to 17 years.....	11
18 to 64 years.....	64
65 to 74 years.....	0
75 years and over.....	9
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	15
5 years.....	11
6 to 11 years.....	10
12 to 17 years.....	0

18 to 64 years.....	86
65 to 74 years.....	0
75 years and over.....	8
Other race:	
Under 5 years.....	22
5 years.....	4
6 to 11 years.....	11
12 to 17 years.....	6
18 to 64 years.....	70
65 to 74 years.....	14
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	32
5 years.....	12
6 to 11 years.....	40
12 to 17 years.....	96
18 to 64 years.....	397
65 to 74 years.....	58
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	31
5 years.....	10
6 to 11 years.....	33
12 to 17 years.....	16
18 to 64 years.....	178
65 to 74 years.....	14
75 years and over.....	0

**Tract 81: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0081**

PERSONS

Universe: Persons

Total.....586

RACE

Universe: Persons

White.....335

Black.....21

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....230

RACE

Universe: Persons

White (800-869, 971).....335

Black (870-934, 972).....21

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....0

Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	230

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....304

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....282

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....0

Cuban (004, 271-274).....8

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....45

Central American (221-230):

Guatemalan (222).....44

Honduran (223).....0

Nicaraguan (224).....13

Panamanian (225).....10

Salvadoran (226).....0

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....114

Ecuadorian (235).....45

Peruvian (237).....0

Other South American (231-233, 236, 238-249).....13

Other Hispanic (005, 200-209, 250-260, 290-999).....12

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....275

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....7

Hispanic origin:

White.....60

Black.....21

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....223

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	28
5 years.....	5
6 to 11 years.....	15
12 to 17 years.....	20
18 to 24 years.....	48
25 to 34 years.....	188
35 to 44 years.....	48
45 to 54 years.....	15
55 to 59 years.....	15
60 to 64 years.....	0
65 to 74 years.....	39
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	8
5 years.....	0
6 to 11 years.....	12
12 to 17 years.....	11
18 to 24 years.....	40
25 to 34 years.....	59
35 to 44 years.....	6
45 to 54 years.....	0
55 to 59 years.....	21
60 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	15
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	13
18 to 64 years.....	177
65 to 74 years.....	22
75 years and over.....	0

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	11
65 to 74 years.....	10
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	13
5 years.....	5
6 to 11 years.....	15
12 to 17 years.....	7
18 to 64 years.....	126
65 to 74 years.....	7
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	8
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	100
65 to 74 years.....	0
75 years and over.....	0
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	12
12 to 17 years.....	11
18 to 64 years.....	34
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	13
5 years.....	5
6 to 11 years.....	15
12 to 17 years.....	13

18 to 64 years.....	171
65 to 74 years.....	17
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	8
5 years.....	0
6 to 11 years.....	12
12 to 17 years.....	11
18 to 64 years.....	39
65 to 74 years.....	0
75 years and over.....	0

**Tract 83: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0083**

PERSONS

Universe: Persons

Total.....2582

RACE

Universe: Persons

White.....1632

Black.....247

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....231

Other race.....472

RACE

Universe: Persons

White (800-869, 971).....1632

Black (870-934, 972).....247

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....63

Japanese (611, 981).....0

Asian Indian (600, 982).....75

Korean (612, 979).....82

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....11

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoaan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	472

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	1170
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	1412
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Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	204
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Puerto Rican (003, 261-270).....	291
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Cuban (004, 271-274).....	47
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Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....	86
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Central American (221-230):

Guatemalan (222).....	61
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Honduran (223).....	39
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Nicaraguan (224).....	0
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Panamanian (225).....	0
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Salvadoran (226).....	13
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Other Central American (221, 227-230).....	0
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South American (231-249):

Colombian (234).....	102
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Ecuadorian (235).....	147
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Peruvian (237).....	0
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Other South American (231-233, 236, 238-249).....	75
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Other Hispanic (005, 200-209, 250-260, 290-999).....	105
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HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	975
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Black.....	206
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American Indian, Eskimo, or Aleut.....	0
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Asian or Pacific Islander.....	231
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Other race.....	0
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Hispanic origin:

White.....	657
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Black.....	41
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American Indian, Eskimo, or Aleut.....	0
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Asian or Pacific Islander.....	0
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Other race.....	472
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POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	178
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5 years.....	7
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6 to 11 years.....	200
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12 to 17 years.....	120
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18 to 24 years.....	187
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25 to 34 years.....	538
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35 to 44 years.....	319
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45 to 54 years.....	262
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55 to 59 years.....	98
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60 to 64 years.....	99
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65 to 74 years.....	129
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75 years and over.....	110
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Income in 1989 below poverty level:

Under 5 years.....	32
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5 years.....	9
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6 to 11 years.....	25
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12 to 17 years.....	60
18 to 24 years.....	29
25 to 34 years.....	68
35 to 44 years.....	41
45 to 54 years.....	0
55 to 59 years.....	10
60 to 64 years.....	11
65 to 74 years.....	9
75 years and over.....	22

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	110
5 years.....	7
6 to 11 years.....	113
12 to 17 years.....	68
18 to 64 years.....	967
65 to 74 years.....	87
75 years and over.....	99

Black:

Under 5 years.....	16
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	48
18 to 64 years.....	175
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	21
5 years.....	0
6 to 11 years.....	34
12 to 17 years.....	0
18 to 64 years.....	105
65 to 74 years.....	42
75 years and over.....	11

Other race:

Under 5 years.....	31
5 years.....	0
6 to 11 years.....	53
12 to 17 years.....	4
18 to 64 years.....	256
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	8
5 years.....	9
6 to 11 years.....	19
12 to 17 years.....	28
18 to 64 years.....	85
65 to 74 years.....	0

75 years and over.....	22
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	9
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	9
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	15
5 years.....	0
6 to 11 years.....	6
12 to 17 years.....	32
18 to 64 years.....	57
65 to 74 years.....	9
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	112
5 years.....	7
6 to 11 years.....	114
12 to 17 years.....	9
18 to 64 years.....	681
65 to 74 years.....	10
75 years and over.....	9
Income in 1989 below poverty level:	
Under 5 years.....	15
5 years.....	9
6 to 11 years.....	14
12 to 17 years.....	60
18 to 64 years.....	112
65 to 74 years.....	9
75 years and over.....	0

Tract 87: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0087

PERSONS

Universe: Persons

Total.....5061

RACE

Universe: Persons

White.....745

Black.....3719

American Indian, Eskimo, or Aleut.....75

Asian or Pacific Islander.....54

Other race.....468

RACE

Universe: Persons

White (800-869, 971).....745

Black (870-934, 972).....3719

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....75

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....0

Japanese (611, 981).....0

Asian Indian (600, 982).....32

Korean (612, 979).....0

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....22

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....468

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....1195

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....3866

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....17

Puerto Rican (003, 261-270).....796

Cuban (004, 271-274).....8

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....103

Central American (221-230):

Guatemalan (222).....37

Honduran (223).....49

Nicaraguan (224).....24

Panamanian (225).....14

Salvadoran (226).....	36
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	7
Ecuadorian (235).....	66
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	38

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	249
Black.....	3513
American Indian, Eskimo, or Aleut.....	67
Asian or Pacific Islander.....	37
Other race.....	0

Hispanic origin:

White.....	496
Black.....	206
American Indian, Eskimo, or Aleut.....	8
Asian or Pacific Islander.....	17
Other race.....	468

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	213
5 years.....	53
6 to 11 years.....	306
12 to 17 years.....	409
18 to 24 years.....	478
25 to 34 years.....	603
35 to 44 years.....	367
45 to 54 years.....	284
55 to 59 years.....	81
60 to 64 years.....	46
65 to 74 years.....	128
75 years and over.....	38

Income in 1989 below poverty level:

Under 5 years.....	299
5 years.....	50
6 to 11 years.....	316
12 to 17 years.....	263
18 to 24 years.....	229
25 to 34 years.....	209
35 to 44 years.....	317
45 to 54 years.....	165
55 to 59 years.....	89
60 to 64 years.....	61
65 to 74 years.....	50
75 years and over.....	7

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	33
5 years.....	19
6 to 11 years.....	51
12 to 17 years.....	50
18 to 64 years.....	265
65 to 74 years.....	27

75 years and over.....	18
Black:	
Under 5 years.....	160
5 years.....	34
6 to 11 years.....	225
12 to 17 years.....	325
18 to 64 years.....	1374
65 to 74 years.....	101
75 years and over.....	20
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	4
12 to 17 years.....	17
18 to 64 years.....	27
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	20
5 years.....	0
6 to 11 years.....	26
12 to 17 years.....	17
18 to 64 years.....	185
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	46
5 years.....	8
6 to 11 years.....	14
12 to 17 years.....	32
18 to 64 years.....	168
65 to 74 years.....	7
75 years and over.....	7
Black:	
Under 5 years.....	192
5 years.....	42
6 to 11 years.....	268
12 to 17 years.....	189
18 to 64 years.....	751
65 to 74 years.....	38
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	6
5 years.....	0
6 to 11 years.....	5
12 to 17 years.....	11
18 to 64 years.....	40
65 to 74 years.....	5
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	6

5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	49
5 years.....	0
6 to 11 years.....	29
12 to 17 years.....	31
18 to 64 years.....	111
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	60
5 years.....	9
6 to 11 years.....	81
12 to 17 years.....	65
18 to 64 years.....	454
65 to 74 years.....	26
75 years and over.....	11

Income in 1989 below poverty level:

Under 5 years.....	95
5 years.....	15
6 to 11 years.....	59
12 to 17 years.....	78
18 to 64 years.....	235
65 to 74 years.....	0
75 years and over.....	7

**Tract 91: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0091**

PERSONS

Universe: Persons

Total.....1566

RACE

Universe: Persons

White.....	1152
Black.....	66
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	216
Other race.....	132

RACE

Universe: Persons

White (800-869, 971).....	1152
Black (870-934, 972).....	66
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	

Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	0
Filipino (608, 977).....	35
Japanese (611, 981).....	0
Asian Indian (600, 982).....	38
Korean (612, 979).....	52
Vietnamese (619, 980).....	91
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	132
PERSONS OF HISPANIC ORIGIN	
Universe: Persons of Hispanic origin	
Total.....	413
HISPANIC ORIGIN	
Universe: Persons	
Not of Hispanic origin (000-001, 006-199).....	1153
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	33
Puerto Rican (003, 261-270).....	182
Cuban (004, 271-274).....	33
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	19
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	8
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	8
Other Central American (221, 227-230).....	17
South American (231-249):	
Colombian (234).....	76
Ecuadorian (235).....	0
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	37
HISPANIC ORIGIN BY RACE	
Universe: Persons	
Not of Hispanic origin:	
White.....	871
Black.....	66
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	216
Other race.....	0
Hispanic origin:	
White.....	281
Black.....	0

American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	132

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	49
5 years.....	25
6 to 11 years.....	67
12 to 17 years.....	62
18 to 24 years.....	143
25 to 34 years.....	262
35 to 44 years.....	302
45 to 54 years.....	134
55 to 59 years.....	30
60 to 64 years.....	69
65 to 74 years.....	108
75 years and over.....	43

Income in 1989 below poverty level:

Under 5 years.....	26
5 years.....	8
6 to 11 years.....	20
12 to 17 years.....	0
18 to 24 years.....	26
25 to 34 years.....	32
35 to 44 years.....	29
45 to 54 years.....	14
55 to 59 years.....	18
60 to 64 years.....	39
65 to 74 years.....	60
75 years and over.....	0

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	42
5 years.....	25
6 to 11 years.....	42
12 to 17 years.....	26
18 to 64 years.....	691
65 to 74 years.....	108
75 years and over.....	43

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	8
18 to 64 years.....	17
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
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5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	15
18 to 64 years.....	164
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	7
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	13
18 to 64 years.....	68
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	9
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	106
65 to 74 years.....	60
75 years and over.....	0
Black:	
Under 5 years.....	10
5 years.....	8
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	23
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	19
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	7
5 years.....	0
6 to 11 years.....	20
12 to 17 years.....	0
18 to 64 years.....	10
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	17

5 years.....	8
6 to 11 years.....	7
12 to 17 years.....	39
18 to 64 years.....	242
65 to 74 years.....	15
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	16
5 years.....	0
6 to 11 years.....	20
12 to 17 years.....	0
18 to 64 years.....	43
65 to 74 years.....	6
75 years and over.....	0

**Tract 95: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0095**

PERSONS

Universe: Persons

Total.....2455

RACE

Universe: Persons

White.....2099
 Black.....25
 American Indian, Eskimo, or Aleut.....0
 Asian or Pacific Islander.....220
 Other race.....111

RACE

Universe: Persons

White (800-869, 971).....2099
 Black (870-934, 972).....25
 American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):
 American Indian (000-599, 973).....0
 Eskimo (935-940, 974).....0
 Aleut (941-970, 975).....0
 Asian or Pacific Islander (600-699, 976-985):
 Asian (600-652, 976, 977, 979-982, 985):
 Chinese (605-607, 976).....45
 Filipino (608, 977).....6
 Japanese (611, 981).....6
 Asian Indian (600, 982).....0
 Korean (612, 979).....65
 Vietnamese (619, 980).....0
 Cambodian (604).....0
 Hmong (609).....0
 Laotian (613).....0
 Thai (618).....34
 Other Asian (601-603, 610, 614-617, 620-652, 985).....64
 Pacific Islander (653-699, 978, 983, 984):
 Polynesian (653-659, 978, 983):
 Hawaiian (653, 654, 978).....0
 Samoan (655, 983).....0
 Tongan (657).....0
 Other Polynesian (656, 658, 659).....0
 Micronesian (660-675, 984):

Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	111

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	362
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	2093
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Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	0
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Puerto Rican (003, 261-270).....	97
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Cuban (004, 271-274).....	9
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Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....	71
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Central American (221-230):

Guatemalan (222).....	0
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Honduran (223).....	0
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Nicaraguan (224).....	0
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Panamanian (225).....	0
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Salvadoran (226).....	29
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Other Central American (221, 227-230).....	0
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South American (231-249):

Colombian (234).....	97
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Ecuadorian (235).....	29
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Peruvian (237).....	0
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Other South American (231-233, 236, 238-249).....	24
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Other Hispanic (005, 200-209, 250-260, 290-999).....	6
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HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	1870
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Black.....	25
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American Indian, Eskimo, or Aleut.....	0
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Asian or Pacific Islander.....	198
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Other race.....	0
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Hispanic origin:

White.....	229
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Black.....	0
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American Indian, Eskimo, or Aleut.....	0
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Asian or Pacific Islander.....	22
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Other race.....	111
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POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	89
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5 years.....	25
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6 to 11 years.....	133
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12 to 17 years.....	152
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18 to 24 years.....	230
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25 to 34 years.....	523
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35 to 44 years.....	328
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45 to 54 years.....	191
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55 to 59 years.....	119
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60 to 64 years.....	90
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65 to 74 years.....	175
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75 years and over.....	135
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Income in 1989 below poverty level:

Under 5 years.....	6
5 years.....	6
6 to 11 years.....	31
12 to 17 years.....	17
18 to 24 years.....	38
25 to 34 years.....	48
35 to 44 years.....	24
45 to 54 years.....	16
55 to 59 years.....	6
60 to 64 years.....	47
65 to 74 years.....	0
75 years and over.....	26

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	89
5 years.....	13
6 to 11 years.....	118
12 to 17 years.....	129
18 to 64 years.....	1282
65 to 74 years.....	167
75 years and over.....	135

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	15
12 to 17 years.....	0
18 to 64 years.....	10
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	12
6 to 11 years.....	0
12 to 17 years.....	5
18 to 64 years.....	135
65 to 74 years.....	8
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	18
18 to 64 years.....	54
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	0
5 years.....	6
6 to 11 years.....	9

12 to 17 years.....	17
18 to 64 years.....	108
65 to 74 years.....	0
75 years and over.....	26
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	11
12 to 17 years.....	0
18 to 64 years.....	49
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	6
5 years.....	0
6 to 11 years.....	11
12 to 17 years.....	0
18 to 64 years.....	22
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	27
5 years.....	0
6 to 11 years.....	17
12 to 17 years.....	39
18 to 64 years.....	213
65 to 74 years.....	10
75 years and over.....	10
Income in 1989 below poverty level:	
Under 5 years.....	6
5 years.....	0
6 to 11 years.....	11
12 to 17 years.....	0
18 to 64 years.....	29
65 to 74 years.....	0
75 years and over.....	0

**Tract 97: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0097**

PERSONS

Universe: Persons

Total.....3390

RACE

Universe: Persons

White.....3234

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....80

Other race.....76

RACE

Universe: Persons

White (800-869, 971).....3234

Black (870-934, 972).....0

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....17

Japanese (611, 981).....9

Asian Indian (600, 982).....11

Korean (612, 979).....37

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....6

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoa (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....76

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....374

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....3016

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....85

Cuban (004, 271-274).....80

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....34

Central American (221-230):

Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0

South American (231-249):

Colombian (234).....	0
Ecuadorian (235).....	23
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	152

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....	2936
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	80
Other race.....	0

Hispanic origin:

White.....	298
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	76

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	143
5 years.....	16
6 to 11 years.....	138
12 to 17 years.....	144
18 to 24 years.....	347
25 to 34 years.....	720
35 to 44 years.....	429
45 to 54 years.....	298
55 to 59 years.....	199
60 to 64 years.....	257
65 to 74 years.....	346
75 years and over.....	214

Income in 1989 below poverty level:

Under 5 years.....	19
5 years.....	0
6 to 11 years.....	5
12 to 17 years.....	0
18 to 24 years.....	20
25 to 34 years.....	30
35 to 44 years.....	7
45 to 54 years.....	7
55 to 59 years.....	4
60 to 64 years.....	0
65 to 74 years.....	19
75 years and over.....	28

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:	
Under 5 years.....	130

5 years.....	16
6 to 11 years.....	125
12 to 17 years.....	137
18 to 64 years.....	2151
65 to 74 years.....	330
75 years and over.....	214
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	7
18 to 64 years.....	66
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	13
5 years.....	0
6 to 11 years.....	6
12 to 17 years.....	0
18 to 64 years.....	33
65 to 74 years.....	16
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	19
5 years.....	0
6 to 11 years.....	5
12 to 17 years.....	0
18 to 64 years.....	60
65 to 74 years.....	19
75 years and over.....	28
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	13
5 years.....	0
6 to 11 years.....	6
12 to 17 years.....	15
18 to 64 years.....	206
65 to 74 years.....	76
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	19
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	39
65 to 74 years.....	0
75 years and over.....	0

**Tract 99: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0099**

PERSONS*Universe: Persons*

Total.....63

RACE*Universe: Persons*

White.....63

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....0

RACE*Universe: Persons*

White (800-869, 971).....63

Black (870-934, 972).....0

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	0
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	0
PERSONS OF HISPANIC ORIGIN	
Universe: <i>Persons of Hispanic origin</i>	
Total.....	0
HISPANIC ORIGIN	
Universe: <i>Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	63
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	0
Cuban (004, 271-274).....	0
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	0
Ecuadorian (235).....	0
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	0
HISPANIC ORIGIN BY RACE	
Universe: <i>Persons</i>	
Not of Hispanic origin:	
White.....	63
Black.....	0
American Indian, Eskimo, or Aleut.....	0

Asian or Pacific Islander.....	0
Other race.....	0
Hispanic origin:	
White.....	0
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	0

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	18
18 to 24 years.....	0
25 to 34 years.....	0
35 to 44 years.....	0
45 to 54 years.....	15
55 to 59 years.....	0
60 to 64 years.....	12
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	0
35 to 44 years.....	0
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	18
18 to 64 years.....	27
65 to 74 years.....	0
75 years and over.....	0

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Tract 101: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0101

PERSONS

Universe: Persons

Total.....2341

RACE

Universe: Persons

White.....	2072
Black.....	10
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	82
Other race.....	177

RACE

Universe: Persons

White (800-869, 971).....	2072
Black (870-934, 972).....	10
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	38
Filipino (608, 977).....	0
Japanese (611, 981).....	8
Asian Indian (600, 982).....	30
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	6
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	

Hawaiian (653, 654, 978).....	0
Samoa (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	177

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....445

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....1896

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	120
Cuban (004, 271-274).....	7
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	124
Ecuadorian (235).....	25
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	17
Other Hispanic (005, 200-209, 250-260, 290-999).....	152

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	1793
Black.....	10
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	82
Other race.....	11

Hispanic origin:

White.....	279
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	166

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	144
5 years.....	0
6 to 11 years.....	77
12 to 17 years.....	57
18 to 24 years.....	198
25 to 34 years.....	461
35 to 44 years.....	159
45 to 54 years.....	218

55 to 59 years.....	150
60 to 64 years.....	177
65 to 74 years.....	205
75 years and over.....	219
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	59
18 to 24 years.....	18
25 to 34 years.....	37
35 to 44 years.....	42
45 to 54 years.....	27
55 to 59 years.....	13
60 to 64 years.....	6
65 to 74 years.....	0
75 years and over.....	65

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	73
5 years.....	0
6 to 11 years.....	62
12 to 17 years.....	44
18 to 64 years.....	1218
65 to 74 years.....	205
75 years and over.....	209

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	10

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	30
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	48
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	41
5 years.....	0
6 to 11 years.....	15
12 to 17 years.....	13
18 to 64 years.....	97
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	48
18 to 64 years.....	139
65 to 74 years.....	0
75 years and over.....	65

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	4
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	11
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	41
5 years.....	0
6 to 11 years.....	43
12 to 17 years.....	13
18 to 64 years.....	255
65 to 74 years.....	66
75 years and over.....	16

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	11
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Tract 103: FIPS.STATE=36, FIPS.COUNTY90=081, FIPS.TRACT90=0103

PERSONS

Universe: Persons

Total.....4140

RACE

Universe: Persons

White.....3523

Black.....41

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....377

Other race.....199

RACE

Universe: Persons

White (800-869, 971).....3523

Black (870-934, 972).....41

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....86

Japanese (611, 981).....0

Asian Indian (600, 982).....98

Korean (612, 979).....56

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....37

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....100

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoa (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....199

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....664

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....3476

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....18

Puerto Rican (003, 261-270).....155

Cuban (004, 271-274).....46

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289)	6
Central American (221-230):	
Guatemalan (222)	0
Honduran (223)	15
Nicaraguan (224)	0
Panamanian (225)	6
Salvadoran (226)	138
Other Central American (221, 227-230)	0
South American (231-249):	
Colombian (234)	49
Ecuadorian (235)	8
Peruvian (237)	48
Other South American (231-233, 236, 238-249)	0
Other Hispanic (005, 200-209, 250-260, 290-999)	175

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White	3049
Black	41
American Indian, Eskimo, or Aleut	0
Asian or Pacific Islander	377
Other race	9

Hispanic origin:

White	474
Black	0
American Indian, Eskimo, or Aleut	0
Asian or Pacific Islander	0
Other race	190

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years	182
5 years	59
6 to 11 years	245
12 to 17 years	197
18 to 24 years	430
25 to 34 years	924
35 to 44 years	550
45 to 54 years	400
55 to 59 years	188
60 to 64 years	151
65 to 74 years	305
75 years and over	183

Income in 1989 below poverty level:

Under 5 years	4
5 years	5
6 to 11 years	22
12 to 17 years	16
18 to 24 years	20
25 to 34 years	49
35 to 44 years	37
45 to 54 years	41
55 to 59 years	27
60 to 64 years	28
65 to 74 years	41
75 years and over	36

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	136
5 years.....	55
6 to 11 years.....	187
12 to 17 years.....	149
18 to 64 years.....	2223
65 to 74 years.....	295
75 years and over.....	164

Black:

Under 5 years.....	14
5 years.....	0
6 to 11 years.....	13
12 to 17 years.....	0
18 to 64 years.....	14
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	14
5 years.....	4
6 to 11 years.....	45
12 to 17 years.....	31
18 to 64 years.....	269
65 to 74 years.....	0
75 years and over.....	14

Other race:

Under 5 years.....	18
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	17
18 to 64 years.....	137
65 to 74 years.....	10
75 years and over.....	5

Income in 1989 below poverty level:

White:

Under 5 years.....	4
5 years.....	5
6 to 11 years.....	22
12 to 17 years.....	16
18 to 64 years.....	196
65 to 74 years.....	35
75 years and over.....	36

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	6
65 to 74 years.....	6
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	18
5 years.....	0
6 to 11 years.....	44
12 to 17 years.....	40
18 to 64 years.....	405
65 to 74 years.....	47
75 years and over.....	9
Income in 1989 below poverty level:	
Under 5 years.....	4
5 years.....	0
6 to 11 years.....	13
12 to 17 years.....	0
18 to 64 years.....	55
65 to 74 years.....	19
75 years and over.....	10

**Tract 105: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0105**

PERSONS

Universe: Persons

Total.....4742

RACE

Universe: Persons

White.....3334

Black.....484

American Indian, Eskimo, or Aleut.....9

Asian or Pacific Islander.....221

Other race.....694

RACE

Universe: Persons

White (800-869, 971).....	3334
Black (870-934, 972).....	484
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	9
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	74
Filipino (608, 977).....	13
Japanese (611, 981).....	6
Asian Indian (600, 982).....	46
Korean (612, 979).....	29
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	25
Other Asian (601-603, 610, 614-617, 620-652, 985).....	28
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	694
PERSONS OF HISPANIC ORIGIN	
Universe: <i>Persons of Hispanic origin</i>	
Total.....	1905
HISPANIC ORIGIN	
Universe: <i>Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	2837
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	13
Puerto Rican (003, 261-270).....	527
Cuban (004, 271-274).....	296
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	128
Central American (221-230):	
Guatemalan (222).....	41
Honduran (223).....	28
Nicaraguan (224).....	29
Panamanian (225).....	0
Salvadoran (226).....	36
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	93
Ecuadorian (235).....	345
Peruvian (237).....	177
Other South American (231-233, 236, 238-249).....	42
Other Hispanic (005, 200-209, 250-260, 290-999).....	150
HISPANIC ORIGIN BY RACE	
Universe: <i>Persons</i>	
Not of Hispanic origin:	
White.....	2206

Black.....	401
American Indian, Eskimo, or Aleut.....	9
Asian or Pacific Islander.....	221
Other race.....	0
Hispanic origin:	
White.....	1128
Black.....	83
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	694

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	213
5 years.....	37
6 to 11 years.....	265
12 to 17 years.....	319
18 to 24 years.....	451
25 to 34 years.....	664
35 to 44 years.....	537
45 to 54 years.....	370
55 to 59 years.....	115
60 to 64 years.....	146
65 to 74 years.....	195
75 years and over.....	144

Income in 1989 below poverty level:

Under 5 years.....	101
5 years.....	0
6 to 11 years.....	162
12 to 17 years.....	201
18 to 24 years.....	48
25 to 34 years.....	122
35 to 44 years.....	198
45 to 54 years.....	161
55 to 59 years.....	34
60 to 64 years.....	116
65 to 74 years.....	85
75 years and over.....	46

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	122
5 years.....	28
6 to 11 years.....	200
12 to 17 years.....	175
18 to 64 years.....	1589
65 to 74 years.....	167
75 years and over.....	139

Black:

Under 5 years.....	36
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	58
18 to 64 years.....	223
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	9
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	15
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	34
18 to 64 years.....	129
65 to 74 years.....	22
75 years and over.....	5
Other race:	
Under 5 years.....	40
5 years.....	9
6 to 11 years.....	55
12 to 17 years.....	52
18 to 64 years.....	333
65 to 74 years.....	6
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	75
5 years.....	0
6 to 11 years.....	100
12 to 17 years.....	130
18 to 64 years.....	493
65 to 74 years.....	71
75 years and over.....	40
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	38
12 to 17 years.....	44
18 to 64 years.....	69
65 to 74 years.....	9
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	6
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	26
5 years.....	0
6 to 11 years.....	24
12 to 17 years.....	27
18 to 64 years.....	111

65 to 74 years.....	5
75 years and over.....	6
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	74
5 years.....	9
6 to 11 years.....	157
12 to 17 years.....	112
18 to 64 years.....	948
65 to 74 years.....	51
75 years and over.....	32
Income in 1989 below poverty level:	
Under 5 years.....	70
5 years.....	0
6 to 11 years.....	52
12 to 17 years.....	79
18 to 64 years.....	267
65 to 74 years.....	31
75 years and over.....	16

**Tract 107: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0107**

PERSONS

Universe: Persons

Total.....83

RACE

Universe: Persons

White.....83

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....0

RACE

Universe: Persons

White (800-869, 971).....83

Black (870-934, 972).....0

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....0

Japanese (611, 981).....0

Asian Indian (600, 982).....0

Korean (612, 979).....0

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....0

Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	0

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....10

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....73

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....0

Cuban (004, 271-274).....5

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....0

Central American (221-230):

Guatemalan (222).....0

Honduran (223).....0

Nicaraguan (224).....0

Panamanian (225).....0

Salvadoran (226).....0

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....5

Ecuadorian (235).....0

Peruvian (237).....0

Other South American (231-233, 236, 238-249).....0

Other Hispanic (005, 200-209, 250-260, 290-999).....0

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....73

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....0

Hispanic origin:

White.....10

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....0

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....4

5 years.....0

6 to 11 years.....0

12 to 17 years.....13

18 to 24 years.....20

25 to 34 years.....0

35 to 44 years.....	3
45 to 54 years.....	11
55 to 59 years.....	13
60 to 64 years.....	0
65 to 74 years.....	4
75 years and over.....	3
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	3
35 to 44 years.....	0
45 to 54 years.....	4
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	5
75 years and over.....	0
POVERTY STATUS IN 1989 BY RACE BY AGE	
<i>Universe: Persons for whom poverty status is determined</i>	
Income in 1989 above poverty level:	
White:	
Under 5 years.....	4
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	13
18 to 64 years.....	47
65 to 74 years.....	4
75 years and over.....	3
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0

65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	7
65 to 74 years.....	5
75 years and over.....	0
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	10
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0

65 to 74 years.....0
75 years and over.....0

**Tract 111: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0111**

PERSONS

Universe: Persons

Total.....2634

RACE

Universe: Persons

White.....2284

Black.....69

American Indian, Eskimo, or Aleut.....11

Asian or Pacific Islander.....169

Other race.....101

RACE

Universe: Persons

White (800-869, 971).....2284

Black (870-934, 972).....69

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....11

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....92

Filipino (608, 977).....24

Japanese (611, 981).....12

Asian Indian (600, 982).....22

Korean (612, 979).....0

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....19

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....101

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....463

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....2171

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	10
Puerto Rican (003, 261-270).....	100
Cuban (004, 271-274).....	98
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	13
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	77
Ecuadorian (235).....	62
Peruvian (237).....	36
Other South American (231-233, 236, 238-249).....	32
Other Hispanic (005, 200-209, 250-260, 290-999).....	35

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....	1932
Black.....	48
American Indian, Eskimo, or Aleut.....	11
Asian or Pacific Islander.....	169
Other race.....	11

Hispanic origin:

White.....	352
Black.....	21
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	90

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	104
5 years.....	25
6 to 11 years.....	136
12 to 17 years.....	150
18 to 24 years.....	193
25 to 34 years.....	472
35 to 44 years.....	275
45 to 54 years.....	356
55 to 59 years.....	67
60 to 64 years.....	171
65 to 74 years.....	221
75 years and over.....	218

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	15
18 to 24 years.....	46
25 to 34 years.....	36
35 to 44 years.....	42
45 to 54 years.....	22
55 to 59 years.....	25
60 to 64 years.....	12
65 to 74 years.....	12
75 years and over.....	36

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	80
5 years.....	25
6 to 11 years.....	104
12 to 17 years.....	127
18 to 64 years.....	1291
65 to 74 years.....	209
75 years and over.....	214

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	0
18 to 64 years.....	47
65 to 74 years.....	12
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	11
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	19
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	18
18 to 64 years.....	125
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	5
5 years.....	0
6 to 11 years.....	15
12 to 17 years.....	5
18 to 64 years.....	60
65 to 74 years.....	0
75 years and over.....	4

Income in 1989 below poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	15
18 to 64 years.....	171
65 to 74 years.....	12
75 years and over.....	36

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	12
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	15
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	28
18 to 64 years.....	291
65 to 74 years.....	45
75 years and over.....	16

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	7
18 to 64 years.....	47
65 to 74 years.....	0
75 years and over.....	0

Tract 113: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0113

PERSONS

Universe: Persons

Total.....4397

RACE

Universe: Persons

White.....3471

Black.....117

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....408

Other race.....	401
RACE	
<i>Universe: Persons</i>	
White (800-869, 971).....	3471
Black (870-934, 972).....	117
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	64
Filipino (608, 977).....	78
Japanese (611, 981).....	15
Asian Indian (600, 982).....	178
Korean (612, 979).....	4
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	69
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	401
PERSONS OF HISPANIC ORIGIN	
<i>Universe: Persons of Hispanic origin</i>	
Total.....	932
HISPANIC ORIGIN	
<i>Universe: Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	3465
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	34
Puerto Rican (003, 261-270).....	215
Cuban (004, 271-274).....	30
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	53
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	32
Salvadoran (226).....	0
Other Central American (221, 227-230).....	10
South American (231-249):	
Colombian (234).....	151
Ecuadorian (235).....	122
Peruvian (237).....	10
Other South American (231-233, 236, 238-249).....	184
Other Hispanic (005, 200-209, 250-260, 290-999).....	91
HISPANIC ORIGIN BY RACE	

Universe: Persons

Not of Hispanic origin:

White.....	2896
Black.....	117
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	401
Other race.....	51

Hispanic origin:

White.....	575
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	7
Other race.....	350

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	171
5 years.....	55
6 to 11 years.....	181
12 to 17 years.....	242
18 to 24 years.....	369
25 to 34 years.....	743
35 to 44 years.....	588
45 to 54 years.....	474
55 to 59 years.....	164
60 to 64 years.....	298
65 to 74 years.....	355
75 years and over.....	239

Income in 1989 below poverty level:

Under 5 years.....	32
5 years.....	0
6 to 11 years.....	39
12 to 17 years.....	47
18 to 24 years.....	53
25 to 34 years.....	109
35 to 44 years.....	68
45 to 54 years.....	39
55 to 59 years.....	9
60 to 64 years.....	42
65 to 74 years.....	47
75 years and over.....	33

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	103
5 years.....	47
6 to 11 years.....	99
12 to 17 years.....	200
18 to 64 years.....	2078
65 to 74 years.....	343
75 years and over.....	239

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	26
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	50
5 years.....	8
6 to 11 years.....	34
12 to 17 years.....	6
18 to 64 years.....	233
65 to 74 years.....	12
75 years and over.....	0
Other race:	
Under 5 years.....	18
5 years.....	0
6 to 11 years.....	48
12 to 17 years.....	36
18 to 64 years.....	299
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	22
5 years.....	0
6 to 11 years.....	12
12 to 17 years.....	27
18 to 64 years.....	221
65 to 74 years.....	47
75 years and over.....	33
Black:	
Under 5 years.....	10
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	11
18 to 64 years.....	60
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	17
12 to 17 years.....	9
18 to 64 years.....	39
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	55
5 years.....	13
6 to 11 years.....	67
12 to 17 years.....	76
18 to 64 years.....	666
65 to 74 years.....	11
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	35
65 to 74 years.....	0
75 years and over.....	9

**Tract 115: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0115**

PERSONS

Universe: Persons

Total.....3374

RACE

Universe: Persons

White.....	2721
Black.....	44
American Indian, Eskimo, or Aleut.....	8
Asian or Pacific Islander.....	447
Other race.....	154

RACE

Universe: Persons

White (800-869, 971).....	2721
Black (870-934, 972).....	44
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	8
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	176
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	71
Korean (612, 979).....	113
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0

Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	87
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	154

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total..... 630

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199)..... 2744

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220)..... 55

Puerto Rican (003, 261-270)..... 135

Cuban (004, 271-274)..... 53

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289)..... 19

Central American (221-230):

Guatemalan (222)..... 16

Honduran (223)..... 10

Nicaraguan (224)..... 14

Panamanian (225)..... 0

Salvadoran (226)..... 68

Other Central American (221, 227-230)..... 0

South American (231-249):

Colombian (234)..... 126

Ecuadorian (235)..... 72

Peruvian (237)..... 0

Other South American (231-233, 236, 238-249)..... 10

Other Hispanic (005, 200-209, 250-260, 290-999)..... 52

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White..... 2273

Black..... 16

American Indian, Eskimo, or Aleut..... 8

Asian or Pacific Islander..... 447

Other race..... 0

Hispanic origin:

White..... 448

Black..... 28

American Indian, Eskimo, or Aleut..... 0

Asian or Pacific Islander..... 0

Other race..... 154

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years..... 118

5 years..... 37

6 to 11 years..... 121

12 to 17 years.....	148
18 to 24 years.....	380
25 to 34 years.....	799
35 to 44 years.....	338
45 to 54 years.....	311
55 to 59 years.....	124
60 to 64 years.....	136
65 to 74 years.....	155
75 years and over.....	233
Income in 1989 below poverty level:	
Under 5 years.....	17
5 years.....	9
6 to 11 years.....	17
12 to 17 years.....	20
18 to 24 years.....	44
25 to 34 years.....	95
35 to 44 years.....	67
45 to 54 years.....	65
55 to 59 years.....	6
60 to 64 years.....	48
65 to 74 years.....	74
75 years and over.....	0
POVERTY STATUS IN 1989 BY RACE BY AGE	
<i>Universe: Persons for whom poverty status is determined</i>	
Income in 1989 above poverty level:	
White:	
Under 5 years.....	118
5 years.....	20
6 to 11 years.....	103
12 to 17 years.....	110
18 to 64 years.....	1629
65 to 74 years.....	155
75 years and over.....	208
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	11
18 to 64 years.....	26
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	12
6 to 11 years.....	12
12 to 17 years.....	21
18 to 64 years.....	308
65 to 74 years.....	0
75 years and over.....	25
Other race:	
Under 5 years.....	0
5 years.....	5

6 to 11 years.....	6
12 to 17 years.....	6
18 to 64 years.....	117
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	17
5 years.....	9
6 to 11 years.....	17
12 to 17 years.....	20
18 to 64 years.....	236
65 to 74 years.....	74
75 years and over.....	0

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	69
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	20
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	43
5 years.....	17
6 to 11 years.....	42
12 to 17 years.....	29
18 to 64 years.....	411
65 to 74 years.....	13
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	47
65 to 74 years.....	28
75 years and over.....	0

**Tract 117: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0117**

PERSONS

Universe: Persons

Total.....3913

RACE

Universe: Persons

White.....3430

Black.....14

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....312

Other race.....157

RACE

Universe: Persons

White (800-869, 971).....3430

Black (870-934, 972).....14

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....6

Filipino (608, 977).....39

Japanese (611, 981).....0

Asian Indian (600, 982).....110

Korean (612, 979).....110

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....47

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....157

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....575

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....	3338
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	99
Puerto Rican (003, 261-270).....	105
Cuban (004, 271-274).....	74
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	6
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	54
Ecuadorian (235).....	74
Peruvian (237).....	7
Other South American (231-233, 236, 238-249).....	16
Other Hispanic (005, 200-209, 250-260, 290-999).....	140

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:	
White.....	3006
Black.....	14
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	312
Other race.....	6
Hispanic origin:	
White.....	424
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	151

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	185
5 years.....	9
6 to 11 years.....	148
12 to 17 years.....	228
18 to 24 years.....	387
25 to 34 years.....	839
35 to 44 years.....	438
45 to 54 years.....	449
55 to 59 years.....	267
60 to 64 years.....	248
65 to 74 years.....	274
75 years and over.....	248

Income in 1989 below poverty level:

Under 5 years.....	10
5 years.....	0
6 to 11 years.....	17
12 to 17 years.....	10
18 to 24 years.....	26
25 to 34 years.....	35
35 to 44 years.....	20
45 to 54 years.....	20
55 to 59 years.....	0

60 to 64 years.....	6
65 to 74 years.....	31
75 years and over.....	18

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	136
5 years.....	9
6 to 11 years.....	139
12 to 17 years.....	208
18 to 64 years.....	2241
65 to 74 years.....	274
75 years and over.....	242

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	14
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	39
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	20
18 to 64 years.....	232
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	10
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	141
65 to 74 years.....	0
75 years and over.....	6

Income in 1989 below poverty level:

White:

Under 5 years.....	10
5 years.....	0
6 to 11 years.....	17
12 to 17 years.....	10
18 to 64 years.....	95
65 to 74 years.....	31
75 years and over.....	18

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	12
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	30
5 years.....	0
6 to 11 years.....	15
12 to 17 years.....	37
18 to 64 years.....	424
65 to 74 years.....	26
75 years and over.....	12
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	10
18 to 64 years.....	21
65 to 74 years.....	0
75 years and over.....	0

**Tract 119: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0119**

PERSONS*Universe: Persons*

Total.....1752

RACE*Universe: Persons*

White.....1616

Black.....	0
American Indian, Eskimo, or Aleut.....	10
Asian or Pacific Islander.....	62
Other race.....	64
RACE	
<i>Universe: Persons</i>	
White (800-869, 971).....	1616
Black (870-934, 972).....	0
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	10
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	35
Filipino (608, 977).....	0
Japanese (611, 981).....	13
Asian Indian (600, 982).....	0
Korean (612, 979).....	14
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	64
PERSONS OF HISPANIC ORIGIN	
<i>Universe: Persons of Hispanic origin</i>	
Total.....	232
HISPANIC ORIGIN	
<i>Universe: Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	1520
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	7
Cuban (004, 271-274).....	16
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	38
Ecuadorian (235).....	86
Peruvian (237).....	25

Other South American (231-233, 236, 238-249).....39

Other Hispanic (005, 200-209, 250-260, 290-999).....21

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....1448

Black.....0

American Indian, Eskimo, or Aleut.....10

Asian or Pacific Islander.....62

Other race.....0

Hispanic origin:

White.....168

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....64

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....53

5 years.....0

6 to 11 years.....80

12 to 17 years.....87

18 to 24 years.....156

25 to 34 years.....386

35 to 44 years.....203

45 to 54 years.....212

55 to 59 years.....85

60 to 64 years.....33

65 to 74 years.....120

75 years and over.....75

Income in 1989 below poverty level:

Under 5 years.....18

5 years.....11

6 to 11 years.....23

12 to 17 years.....0

18 to 24 years.....34

25 to 34 years.....75

35 to 44 years.....13

45 to 54 years.....20

55 to 59 years.....20

60 to 64 years.....30

65 to 74 years.....6

75 years and over.....12

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....53

5 years.....0

6 to 11 years.....73

12 to 17 years.....87

18 to 64 years.....979

65 to 74 years.....120

75 years and over.....75

Black:

Under 5 years.....0

5 years.....0

6 to 11 years.....0

12 to 17 years.....0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	10
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	49
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	0
18 to 64 years.....	37
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	18
5 years.....	11
6 to 11 years.....	23
12 to 17 years.....	0
18 to 64 years.....	159
65 to 74 years.....	6
75 years and over.....	12
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	13
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	20
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	25
5 years.....	0
6 to 11 years.....	46
12 to 17 years.....	18
18 to 64 years.....	123
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	20
65 to 74 years.....	0
75 years and over.....	0

**Tract 121: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0121**

PERSONS

Universe: Persons

Total.....2103

RACE

Universe: Persons

White.....	1880
Black.....	25
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	156
Other race.....	42

RACE

Universe: Persons

White (800-869, 971).....	1880
Black (870-934, 972).....	25
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	89
Filipino (608, 977).....	0
Japanese (611, 981).....	28
Asian Indian (600, 982).....	19
Korean (612, 979).....	20

Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	42

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....275

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....1828

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....100

Cuban (004, 271-274).....26

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....30

Central American (221-230):

Guatemalan (222).....0

Honduran (223).....0

Nicaraguan (224).....0

Panamanian (225).....0

Salvadoran (226).....0

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....8

Ecuadorian (235).....10

Peruvian (237).....0

Other South American (231-233, 236, 238-249).....38

Other Hispanic (005, 200-209, 250-260, 290-999).....63

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....1635

Black.....25

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....156

Other race.....12

Hispanic origin:

White.....245

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....30

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	54
5 years.....	49
6 to 11 years.....	63
12 to 17 years.....	115
18 to 24 years.....	187
25 to 34 years.....	425
35 to 44 years.....	242
45 to 54 years.....	200
55 to 59 years.....	129
60 to 64 years.....	93
65 to 74 years.....	146
75 years and over.....	94

Income in 1989 below poverty level:

Under 5 years.....	55
5 years.....	9
6 to 11 years.....	0
12 to 17 years.....	16
18 to 24 years.....	77
25 to 34 years.....	52
35 to 44 years.....	26
45 to 54 years.....	36
55 to 59 years.....	0
60 to 64 years.....	8
65 to 74 years.....	11
75 years and over.....	16

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....	47
5 years.....	41
6 to 11 years.....	63
12 to 17 years.....	115
18 to 64 years.....	1184
65 to 74 years.....	146
75 years and over.....	94

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	7
5 years.....	8
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	50
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	42
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	44
5 years.....	9
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	110
65 to 74 years.....	11
75 years and over.....	16

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	25
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	11
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	16
18 to 64 years.....	64
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	18
5 years.....	15
6 to 11 years.....	21
12 to 17 years.....	0
18 to 64 years.....	137
65 to 74 years.....	0
75 years and over.....	10

Income in 1989 below poverty level:

Under 5 years.....	23
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	51
65 to 74 years.....	0
75 years and over.....	0

**Tract 123: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0123**

PERSONS

Universe: Persons

Total.....2538

RACE

Universe: Persons

White.....2268
 Black.....0
 American Indian, Eskimo, or Aleut.....0
 Asian or Pacific Islander.....144
 Other race.....126

RACE

Universe: Persons

White (800-869, 971).....2268
 Black (870-934, 972).....0
 American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):
 American Indian (000-599, 973).....0
 Eskimo (935-940, 974).....0
 Aleut (941-970, 975).....0
 Asian or Pacific Islander (600-699, 976-985):
 Asian (600-652, 976, 977, 979-982, 985):
 Chinese (605-607, 976).....0
 Filipino (608, 977).....34
 Japanese (611, 981).....0
 Asian Indian (600, 982).....14
 Korean (612, 979).....46
 Vietnamese (619, 980).....0
 Cambodian (604).....0
 Hmong (609).....0
 Laotian (613).....0
 Thai (618).....0
 Other Asian (601-603, 610, 614-617, 620-652, 985).....50
 Pacific Islander (653-699, 978, 983, 984):
 Polynesian (653-659, 978, 983):
 Hawaiian (653, 654, 978).....0
 Samoan (655, 983).....0
 Tongan (657).....0
 Other Polynesian (656, 658, 659).....0
 Micronesian (660-675, 984):
 Guamanian (660, 984).....0
 Other Micronesian (661-675).....0
 Melanesian (676-680).....0
 Pacific Islander, not specified (681-699).....0
 Other race (700-799, 986-999).....126

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....313

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....2225

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....112

Cuban (004, 271-274).....22

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....10

Central American (221-230):

Guatemalan (222).....9

Honduran (223).....0

Nicaraguan (224).....0

Panamanian (225).....0

Salvadoran (226).....10

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....0

Ecuadorian (235).....0

Peruvian (237).....0

Other South American (231-233, 236, 238-249).....64

Other Hispanic (005, 200-209, 250-260, 290-999).....86

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....2081

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....144

Other race.....0

Hispanic origin:

White.....187

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....126

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....121

5 years.....0

6 to 11 years.....121

12 to 17 years.....132

18 to 24 years.....266

25 to 34 years.....474

35 to 44 years.....319

45 to 54 years.....308

55 to 59 years.....184

60 to 64 years.....137

65 to 74 years.....214

75 years and over.....130

Income in 1989 below poverty level:

Under 5 years.....26

5 years.....0

6 to 11 years.....0

12 to 17 years.....0

18 to 24 years.....15

25 to 34 years.....62

35 to 44 years.....	12
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	7
75 years and over.....	10

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	99
5 years.....	0
6 to 11 years.....	114
12 to 17 years.....	126
18 to 64 years.....	1499
65 to 74 years.....	214
75 years and over.....	130

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	10
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	88
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	12
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	6
18 to 64 years.....	101
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	13
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	56
65 to 74 years.....	7
75 years and over.....	10

Black:

Under 5 years.....	0
--------------------	---

5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	13
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	33
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	26
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	39
18 to 64 years.....	208
65 to 74 years.....	11
75 years and over.....	22
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Tract 135: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0135

PERSONS*Universe: Persons*

Total.....1462

RACE*Universe: Persons*

White.....	1417
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	45
Other race.....	0

RACE*Universe: Persons*

White (800-869, 971).....	1417
Black (870-934, 972).....	0
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	27
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	18
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	0

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	107
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	1355
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	63
Cuban (004, 271-274).....	7
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	

Colombian (234).....	0
Ecuadorian (235).....	0
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	37

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	1310
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	45
Other race.....	0

Hispanic origin:

White.....	107
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	0

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	37
5 years.....	8
6 to 11 years.....	69
12 to 17 years.....	75
18 to 24 years.....	188
25 to 34 years.....	213
35 to 44 years.....	158
45 to 54 years.....	163
55 to 59 years.....	104
60 to 64 years.....	105
65 to 74 years.....	179
75 years and over.....	106

Income in 1989 below poverty level:

Under 5 years.....	24
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	0
35 to 44 years.....	7
45 to 54 years.....	0
55 to 59 years.....	10
60 to 64 years.....	0
65 to 74 years.....	9
75 years and over.....	7

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	37
5 years.....	8
6 to 11 years.....	69
12 to 17 years.....	75
18 to 64 years.....	886
65 to 74 years.....	179
75 years and over.....	106

Black:

Under 5 years.....	0
--------------------	---

5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	45
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	24
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	17
65 to 74 years.....	9
75 years and over.....	7
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	6
18 to 64 years.....	69
65 to 74 years.....	17
75 years and over.....	15
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

**Tract 137: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0137**

PERSONS*Universe: Persons*

Total.....1209

RACE*Universe: Persons*

White.....1134

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....75

Other race.....0

RACE*Universe: Persons*

White (800-869, 971).....1134

Black (870-934, 972).....0

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....23

Filipino (608, 977).....0

Japanese (611, 981).....	0
Asian Indian (600, 982).....	26
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	26
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	0
PERSONS OF HISPANIC ORIGIN	
<i>Universe: Persons of Hispanic origin</i>	
Total.....	106
HISPANIC ORIGIN	
<i>Universe: Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	1103
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	8
Puerto Rican (003, 261-270).....	7
Cuban (004, 271-274).....	7
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	31
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	14
Ecuadorian (235).....	0
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	23
Other Hispanic (005, 200-209, 250-260, 290-999).....	16
HISPANIC ORIGIN BY RACE	
<i>Universe: Persons</i>	
Not of Hispanic origin:	
White.....	1028
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	75
Other race.....	0
Hispanic origin:	
White.....	106
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	0

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	67
5 years.....	0
6 to 11 years.....	32
12 to 17 years.....	68
18 to 24 years.....	140
25 to 34 years.....	242
35 to 44 years.....	136
45 to 54 years.....	200
55 to 59 years.....	55
60 to 64 years.....	38
65 to 74 years.....	130
75 years and over.....	78

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	0
25 to 34 years.....	8
35 to 44 years.....	0
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	8
75 years and over.....	7

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	67
5 years.....	0
6 to 11 years.....	32
12 to 17 years.....	68
18 to 64 years.....	748
65 to 74 years.....	130
75 years and over.....	66

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	63
65 to 74 years.....	0
75 years and over.....	12
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	8
75 years and over.....	7
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	12
12 to 17 years.....	26

18 to 64 years.....	68
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

**Tract 141: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0141**

PERSONS

Universe: Persons

Total.....1561

RACE

Universe: Persons

White.....1321

Black.....32

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....88

Other race.....120

RACE

Universe: Persons

White (800-869, 971).....1321

Black (870-934, 972).....32

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....0

Filipino (608, 977).....33

Japanese (611, 981).....0

Asian Indian (600, 982).....22

Korean (612, 979).....33

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....0

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	120
PERSONS OF HISPANIC ORIGIN	
<i>Universe: Persons of Hispanic origin</i>	
Total.....	329
HISPANIC ORIGIN	
<i>Universe: Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	1232
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	44
Puerto Rican (003, 261-270).....	27
Cuban (004, 271-274).....	0
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	54
Ecuadorian (235).....	102
Peruvian (237).....	17
Other South American (231-233, 236, 238-249).....	52
Other Hispanic (005, 200-209, 250-260, 290-999).....	33
HISPANIC ORIGIN BY RACE	
<i>Universe: Persons</i>	
Not of Hispanic origin:	
White.....	1109
Black.....	11
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	88
Other race.....	24
Hispanic origin:	
White.....	212
Black.....	21
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	96
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons for whom poverty status is determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	44
5 years.....	9
6 to 11 years.....	76
12 to 17 years.....	95
18 to 24 years.....	138
25 to 34 years.....	391
35 to 44 years.....	223
45 to 54 years.....	183
55 to 59 years.....	47
60 to 64 years.....	64
65 to 74 years.....	54
75 years and over.....	26
Income in 1989 below poverty level:	
Under 5 years.....	17
5 years.....	0
6 to 11 years.....	8

12 to 17 years.....	0
18 to 24 years.....	8
25 to 34 years.....	83
35 to 44 years.....	9
45 to 54 years.....	17
55 to 59 years.....	7
60 to 64 years.....	9
65 to 74 years.....	21
75 years and over.....	6

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	33
5 years.....	9
6 to 11 years.....	61
12 to 17 years.....	86
18 to 64 years.....	841
65 to 74 years.....	54
75 years and over.....	26

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	32
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	11
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	77
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	15
12 to 17 years.....	9
18 to 64 years.....	96
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	17
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	0
18 to 64 years.....	133
65 to 74 years.....	21

75 years and over.....	6
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	25
5 years.....	9
6 to 11 years.....	9
12 to 17 years.....	26
18 to 64 years.....	237
65 to 74 years.....	7
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	9
65 to 74 years.....	7
75 years and over.....	0

Tract 143: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0143

PERSONS*Universe: Persons*

Total.....3957

RACE*Universe: Persons*

White.....3202

Black.....46

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....401

Other race.....308

RACE*Universe: Persons*

White (800-869, 971).....3202

Black (870-934, 972).....46

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....59

Filipino (608, 977).....17

Japanese (611, 981).....74

Asian Indian (600, 982).....16

Korean (612, 979).....28

Vietnamese (619, 980).....55

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....152

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....308

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....992

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....2965

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....36

Puerto Rican (003, 261-270).....243

Cuban (004, 271-274).....70

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....58

Central American (221-230):

Guatemalan (222).....8

Honduran (223).....0

Nicaraguan (224).....0

Panamanian (225).....8

Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	230
Ecuadorian (235).....	104
Peruvian (237).....	68
Other South American (231-233, 236, 238-249).....	60
Other Hispanic (005, 200-209, 250-260, 290-999).....	107

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	2541
Black.....	22
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	391
Other race.....	11

Hispanic origin:

White.....	661
Black.....	24
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	10
Other race.....	297

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	185
5 years.....	24
6 to 11 years.....	221
12 to 17 years.....	151
18 to 24 years.....	358
25 to 34 years.....	923
35 to 44 years.....	476
45 to 54 years.....	359
55 to 59 years.....	129
60 to 64 years.....	196
65 to 74 years.....	202
75 years and over.....	204

Income in 1989 below poverty level:

Under 5 years.....	20
5 years.....	12
6 to 11 years.....	15
12 to 17 years.....	45
18 to 24 years.....	31
25 to 34 years.....	125
35 to 44 years.....	105
45 to 54 years.....	17
55 to 59 years.....	7
60 to 64 years.....	42
65 to 74 years.....	67
75 years and over.....	36

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	135
5 years.....	4
6 to 11 years.....	168
12 to 17 years.....	121
18 to 64 years.....	1940
65 to 74 years.....	194

75 years and over.....	198
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	0
18 to 64 years.....	37
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	22
5 years.....	17
6 to 11 years.....	16
12 to 17 years.....	6
18 to 64 years.....	272
65 to 74 years.....	0
75 years and over.....	6
Other race:	
Under 5 years.....	28
5 years.....	3
6 to 11 years.....	28
12 to 17 years.....	24
18 to 64 years.....	192
65 to 74 years.....	8
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	20
5 years.....	12
6 to 11 years.....	10
12 to 17 years.....	36
18 to 64 years.....	254
65 to 74 years.....	67
75 years and over.....	36
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0

5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	5
18 to 64 years.....	57
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	5
12 to 17 years.....	4
18 to 64 years.....	16
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	67
5 years.....	7
6 to 11 years.....	85
12 to 17 years.....	51
18 to 64 years.....	593
65 to 74 years.....	26
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	6
5 years.....	0
6 to 11 years.....	15
12 to 17 years.....	20
18 to 64 years.....	96
65 to 74 years.....	19
75 years and over.....	0

**Tract 145: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0145**

PERSONS

Universe: Persons

Total.....2234

RACE

Universe: Persons

White.....	1904
Black.....	0
American Indian, Eskimo, or Aleut.....	5
Asian or Pacific Islander.....	88
Other race.....	237

RACE

Universe: Persons

White (800-869, 971).....	1904
Black (870-934, 972).....	0
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	5
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	

Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	55
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	33
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	237
PERSONS OF HISPANIC ORIGIN	
<i>Universe: Persons of Hispanic origin</i>	
Total.....	395
HISPANIC ORIGIN	
<i>Universe: Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	1839
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	0
Puerto Rican (003, 261-270).....	210
Cuban (004, 271-274).....	22
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	20
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	53
Ecuadorian (235).....	45
Peruvian (237).....	28
Other South American (231-233, 236, 238-249).....	0
Other Hispanic (005, 200-209, 250-260, 290-999).....	17
HISPANIC ORIGIN BY RACE	
<i>Universe: Persons</i>	
Not of Hispanic origin:	
White.....	1746
Black.....	0
American Indian, Eskimo, or Aleut.....	5
Asian or Pacific Islander.....	88
Other race.....	0
Hispanic origin:	
White.....	158
Black.....	0

American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	237

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	85
5 years.....	7
6 to 11 years.....	90
12 to 17 years.....	138
18 to 24 years.....	187
25 to 34 years.....	477
35 to 44 years.....	273
45 to 54 years.....	256
55 to 59 years.....	86
60 to 64 years.....	75
65 to 74 years.....	194
75 years and over.....	143

Income in 1989 below poverty level:

Under 5 years.....	9
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	39
18 to 24 years.....	7
25 to 34 years.....	54
35 to 44 years.....	47
45 to 54 years.....	3
55 to 59 years.....	11
60 to 64 years.....	24
65 to 74 years.....	8
75 years and over.....	12

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	67
5 years.....	7
6 to 11 years.....	74
12 to 17 years.....	96
18 to 64 years.....	1122
65 to 74 years.....	194
75 years and over.....	143

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	5
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	6
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5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	8
18 to 64 years.....	74
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	12
5 years.....	0
6 to 11 years.....	16
12 to 17 years.....	34
18 to 64 years.....	153
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	9
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	24
18 to 64 years.....	139
65 to 74 years.....	8
75 years and over.....	12
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	15
18 to 64 years.....	7
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	18

5 years.....	0
6 to 11 years.....	22
12 to 17 years.....	34
18 to 64 years.....	289
65 to 74 years.....	0
75 years and over.....	10
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	15
18 to 64 years.....	7
65 to 74 years.....	0
75 years and over.....	0

**Tract 147: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0147**

PERSONS

Universe: Persons

Total.....2857

RACE

Universe: Persons

White.....2521

Black.....19

American Indian, Eskimo, or Aleut.....16

Asian or Pacific Islander.....155

Other race.....146

RACE

Universe: Persons

White (800-869, 971).....2521

Black (870-934, 972).....19

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....16

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....79

Filipino (608, 977).....0

Japanese (611, 981).....9

Asian Indian (600, 982).....24

Korean (612, 979).....43

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....0

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoa (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	146

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....	347
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HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....	2510
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Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	0
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Puerto Rican (003, 261-270).....	122
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Cuban (004, 271-274).....	0
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Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....	0
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Central American (221-230):

Guatemalan (222).....	0
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Honduran (223).....	7
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Nicaraguan (224).....	0
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Panamanian (225).....	0
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Salvadoran (226).....	0
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Other Central American (221, 227-230).....	0
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South American (231-249):

Colombian (234).....	64
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Ecuadorian (235).....	31
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Peruvian (237).....	77
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Other South American (231-233, 236, 238-249).....	27
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Other Hispanic (005, 200-209, 250-260, 290-999).....	19
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HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....	2288
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Black.....	19
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American Indian, Eskimo, or Aleut.....	16
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Asian or Pacific Islander.....	155
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Other race.....	32
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Hispanic origin:

White.....	233
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Black.....	0
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American Indian, Eskimo, or Aleut.....	0
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Asian or Pacific Islander.....	0
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Other race.....	114
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POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	134
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5 years.....	4
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6 to 11 years.....	149
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12 to 17 years.....	115
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18 to 24 years.....	256
---------------------	-----

25 to 34 years.....	567
---------------------	-----

35 to 44 years.....	364
---------------------	-----

45 to 54 years.....	284
---------------------	-----

55 to 59 years.....	164
---------------------	-----

60 to 64 years.....	146
---------------------	-----

65 to 74 years.....	217
---------------------	-----

75 years and over.....	257
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Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	4
12 to 17 years.....	0
18 to 24 years.....	35
25 to 34 years.....	31
35 to 44 years.....	24
45 to 54 years.....	7
55 to 59 years.....	19
60 to 64 years.....	31
65 to 74 years.....	32
75 years and over.....	17

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	111
5 years.....	4
6 to 11 years.....	129
12 to 17 years.....	108
18 to 64 years.....	1551
65 to 74 years.....	189
75 years and over.....	250

Black:

Under 5 years.....	12
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	7
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	4
5 years.....	0
6 to 11 years.....	4
12 to 17 years.....	0
18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	7
5 years.....	0
6 to 11 years.....	13
12 to 17 years.....	0
18 to 64 years.....	106
65 to 74 years.....	21
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	3
12 to 17 years.....	7
18 to 64 years.....	109
65 to 74 years.....	7
75 years and over.....	7

Income in 1989 below poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	4

12 to 17 years.....	0
18 to 64 years.....	134
65 to 74 years.....	24
75 years and over.....	17
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	8
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	13
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	40
12 to 17 years.....	5
18 to 64 years.....	261
65 to 74 years.....	15
75 years and over.....	13
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	13
65 to 74 years.....	0
75 years and over.....	0

**Tract 149: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0149**

PERSONS

Universe: Persons

Total.....2571

RACE

Universe: Persons

White.....2177

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....206

Other race.....188

RACE

Universe: Persons

White (800-869, 971).....2177

Black (870-934, 972).....0

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....87

Filipino (608, 977).....67

Japanese (611, 981).....0

Asian Indian (600, 982).....18

Korean (612, 979).....0

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....34

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoa (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....188

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....554

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....2017

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....6

Puerto Rican (003, 261-270).....83

Cuban (004, 271-274).....22

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....6

Central American (221-230):

Guatemalan (222).....	23
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0

South American (231-249):

Colombian (234).....	115
Ecuadorian (235).....	140
Peruvian (237).....	14
Other South American (231-233, 236, 238-249).....	86

Other Hispanic (005, 200-209, 250-260, 290-999).....59

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....	1852
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	149
Other race.....	16

Hispanic origin:

White.....	325
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	57
Other race.....	172

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	103
5 years.....	28
6 to 11 years.....	81
12 to 17 years.....	236
18 to 24 years.....	306
25 to 34 years.....	544
35 to 44 years.....	295
45 to 54 years.....	252
55 to 59 years.....	143
60 to 64 years.....	118
65 to 74 years.....	121
75 years and over.....	89

Income in 1989 below poverty level:

Under 5 years.....	25
5 years.....	13
6 to 11 years.....	11
12 to 17 years.....	0
18 to 24 years.....	28
25 to 34 years.....	77
35 to 44 years.....	31
45 to 54 years.....	21
55 to 59 years.....	0
60 to 64 years.....	15
65 to 74 years.....	0
75 years and over.....	34

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:	
Under 5 years.....	81

5 years.....	28
6 to 11 years.....	65
12 to 17 years.....	214
18 to 64 years.....	1358
65 to 74 years.....	121
75 years and over.....	89
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	22
5 years.....	0
6 to 11 years.....	11
12 to 17 years.....	11
18 to 64 years.....	128
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	5
12 to 17 years.....	11
18 to 64 years.....	172
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	14
5 years.....	13
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	160
65 to 74 years.....	0
75 years and over.....	34
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	11
5 years.....	0
6 to 11 years.....	11
12 to 17 years.....	0
18 to 64 years.....	12
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	27
5 years.....	5
6 to 11 years.....	19
12 to 17 years.....	23
18 to 64 years.....	432
65 to 74 years.....	14
75 years and over.....	8
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	26
65 to 74 years.....	0
75 years and over.....	0

**Tract 151: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0151**

PERSONS

Universe: Persons

Total.....2871

RACE

Universe: Persons

White.....1935

Black.....113

American Indian, Eskimo, or Aleut.....9

Asian or Pacific Islander.....387

Other race.....427

RACE

Universe: Persons

White (800-869, 971).....1935

Black (870-934, 972).....113

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	9
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	222
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	25
Korean (612, 979).....	127
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	13
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoaan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	427
PERSONS OF HISPANIC ORIGIN	
<i>Universe: Persons of Hispanic origin</i>	
Total.....	692
HISPANIC ORIGIN	
<i>Universe: Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	2179
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	21
Puerto Rican (003, 261-270).....	125
Cuban (004, 271-274).....	38
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	71
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	85
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	24
Ecuadorian (235).....	216
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	6
Other Hispanic (005, 200-209, 250-260, 290-999).....	106
HISPANIC ORIGIN BY RACE	
<i>Universe: Persons</i>	
Not of Hispanic origin:	
White.....	1686
Black.....	100
American Indian, Eskimo, or Aleut.....	9

Asian or Pacific Islander.....	337
Other race.....	47
Hispanic origin:	
White.....	249
Black.....	13
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	50
Other race.....	380

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....	160
5 years.....	0
6 to 11 years.....	87
12 to 17 years.....	162
18 to 24 years.....	199
25 to 34 years.....	629
35 to 44 years.....	403
45 to 54 years.....	285
55 to 59 years.....	104
60 to 64 years.....	89
65 to 74 years.....	142
75 years and over.....	131

Income in 1989 below poverty level:

Under 5 years.....	87
5 years.....	0
6 to 11 years.....	98
12 to 17 years.....	49
18 to 24 years.....	0
25 to 34 years.....	187
35 to 44 years.....	19
45 to 54 years.....	0
55 to 59 years.....	0
60 to 64 years.....	0
65 to 74 years.....	32
75 years and over.....	8

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:	
Under 5 years.....	103
5 years.....	0
6 to 11 years.....	40
12 to 17 years.....	117
18 to 64 years.....	1256
65 to 74 years.....	114
75 years and over.....	115

Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	22
12 to 17 years.....	24
18 to 64 years.....	67
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	0
65 to 74 years.....	9
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	33
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	21
18 to 64 years.....	249
65 to 74 years.....	19
75 years and over.....	16
Other race:	
Under 5 years.....	24
5 years.....	0
6 to 11 years.....	16
12 to 17 years.....	0
18 to 64 years.....	137
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	28
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	31
18 to 64 years.....	81
65 to 74 years.....	32
75 years and over.....	8
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	21
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	19
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	38
5 years.....	0
6 to 11 years.....	88
12 to 17 years.....	18
18 to 64 years.....	106
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	32
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	23
18 to 64 years.....	325
65 to 74 years.....	6
75 years and over.....	7

Income in 1989 below poverty level:

Under 5 years.....	66
5 years.....	0
6 to 11 years.....	88
12 to 17 years.....	18
18 to 64 years.....	121
65 to 74 years.....	6
75 years and over.....	0

**Tract 153: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0153**

PERSONS

Universe: Persons

Total.....2406

RACE

Universe: Persons

White.....	1822
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	421
Other race.....	163

RACE

Universe: Persons

White (800-869, 971).....	1822
Black (870-934, 972).....	0
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	259
Filipino (608, 977).....	30
Japanese (611, 981).....	10
Asian Indian (600, 982).....	0
Korean (612, 979).....	56
Vietnamese (619, 980).....	8
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	58
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	

Hawaiian (653, 654, 978).....	0
Samoa (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	163

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....471

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....1935

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....0

Puerto Rican (003, 261-270).....70

Cuban (004, 271-274).....23

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....0

Central American (221-230):

Guatemalan (222).....4

Honduran (223).....0

Nicaraguan (224).....0

Panamanian (225).....0

Salvadoran (226).....40

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....186

Ecuadorian (235).....7

Peruvian (237).....101

Other South American (231-233, 236, 238-249).....26

Other Hispanic (005, 200-209, 250-260, 290-999).....14

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....1486

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....414

Other race.....35

Hispanic origin:

White.....336

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....7

Other race.....128

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....117

5 years.....9

6 to 11 years.....166

12 to 17 years.....70

18 to 24 years.....228

25 to 34 years.....545

35 to 44 years.....317

45 to 54 years.....226

55 to 59 years.....	129
60 to 64 years.....	126
65 to 74 years.....	143
75 years and over.....	151
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 24 years.....	31
25 to 34 years.....	29
35 to 44 years.....	21
45 to 54 years.....	35
55 to 59 years.....	17
60 to 64 years.....	0
65 to 74 years.....	8
75 years and over.....	27

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	76
5 years.....	9
6 to 11 years.....	127
12 to 17 years.....	41
18 to 64 years.....	1147
65 to 74 years.....	135
75 years and over.....	144

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	33
5 years.....	0
6 to 11 years.....	25
12 to 17 years.....	16
18 to 64 years.....	313
65 to 74 years.....	8
75 years and over.....	7

Other race:

Under 5 years.....	8
5 years.....	0
6 to 11 years.....	14
12 to 17 years.....	13
18 to 64 years.....	111
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	97
65 to 74 years.....	8
75 years and over.....	27

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	19
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	17
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	9
5 years.....	0
6 to 11 years.....	39
12 to 17 years.....	13
18 to 64 years.....	339
65 to 74 years.....	27
75 years and over.....	17

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	21
65 to 74 years.....	0
75 years and over.....	6

Tract 155: FIPS.STATE=36, FIPS.COUNTY90=081, FIPS.TRACT90=0155

PERSONS

Universe: Persons

Total.....2158

RACE

Universe: Persons

White.....1441

Black.....9

American Indian, Eskimo, or Aleut.....29

Asian or Pacific Islander.....312

Other race.....367

RACE

Universe: Persons

White (800-869, 971).....1441

Black (870-934, 972).....9

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....29

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....97

Filipino (608, 977).....13

Japanese (611, 981).....0

Asian Indian (600, 982).....106

Korean (612, 979).....55

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....41

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoa (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....367

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....556

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....1602

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....99

Puerto Rican (003, 261-270).....177

Cuban (004, 271-274).....41

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289)	0
Central American (221-230):	
Guatemalan (222)	21
Honduran (223)	0
Nicaraguan (224)	0
Panamanian (225)	0
Salvadoran (226)	0
Other Central American (221, 227-230)	0
South American (231-249):	
Colombian (234)	115
Ecuadorian (235)	56
Peruvian (237)	12
Other South American (231-233, 236, 238-249)	20
Other Hispanic (005, 200-209, 250-260, 290-999)	15

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White	1220
Black	0
American Indian, Eskimo, or Aleut	29
Asian or Pacific Islander	312
Other race	41

Hispanic origin:

White	221
Black	9
American Indian, Eskimo, or Aleut	0
Asian or Pacific Islander	0
Other race	326

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years	137
5 years	19
6 to 11 years	120
12 to 17 years	73
18 to 24 years	215
25 to 34 years	440
35 to 44 years	286
45 to 54 years	191
55 to 59 years	120
60 to 64 years	45
65 to 74 years	204
75 years and over	42

Income in 1989 below poverty level:

Under 5 years	19
5 years	0
6 to 11 years	31
12 to 17 years	18
18 to 24 years	61
25 to 34 years	62
35 to 44 years	49
45 to 54 years	17
55 to 59 years	5
60 to 64 years	4
65 to 74 years	0
75 years and over	0

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:
Under 5 years.....77
5 years.....0
6 to 11 years.....92
12 to 17 years.....45
18 to 64 years.....897
65 to 74 years.....143
75 years and over.....42
Black:
Under 5 years.....0
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....9
65 to 74 years.....0
75 years and over.....0
American Indian, Eskimo, or Aleut:
Under 5 years.....7
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....9
65 to 74 years.....7
75 years and over.....0
Asian or Pacific Islander:
Under 5 years.....35
5 years.....10
6 to 11 years.....11
12 to 17 years.....0
18 to 64 years.....166
65 to 74 years.....26
75 years and over.....0
Other race:
Under 5 years.....18
5 years.....9
6 to 11 years.....17
12 to 17 years.....28
18 to 64 years.....216
65 to 74 years.....28
75 years and over.....0
Income in 1989 below poverty level:
White:
Under 5 years.....10
5 years.....0
6 to 11 years.....21
12 to 17 years.....13
18 to 64 years.....101
65 to 74 years.....0
75 years and over.....0
Black:
Under 5 years.....0
5 years.....0
6 to 11 years.....0
12 to 17 years.....0
18 to 64 years.....0
65 to 74 years.....0
75 years and over.....0
American Indian, Eskimo, or Aleut:
Under 5 years.....0
5 years.....0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	6
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	5
18 to 64 years.....	59
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	9
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	0
18 to 64 years.....	32
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	33
5 years.....	9
6 to 11 years.....	25
12 to 17 years.....	36
18 to 64 years.....	334
65 to 74 years.....	49
75 years and over.....	13
Income in 1989 below poverty level:	
Under 5 years.....	9
5 years.....	0
6 to 11 years.....	10
12 to 17 years.....	0
18 to 64 years.....	38
65 to 74 years.....	0
75 years and over.....	0

Tract 157: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0157

PERSONS

Universe: Persons

Total.....1393

RACE

Universe: Persons

White.....665

Black.....21

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....288

Other race.....419

RACE

Universe: Persons

White (800-869, 971).....	665
Black (870-934, 972).....	21
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	0
Filipino (608, 977).....	26
Japanese (611, 981).....	6
Asian Indian (600, 982).....	16
Korean (612, 979).....	107
Vietnamese (619, 980).....	30
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	103
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	419
PERSONS OF HISPANIC ORIGIN	
Universe: <i>Persons of Hispanic origin</i>	
Total.....	688
HISPANIC ORIGIN	
Universe: <i>Persons</i>	
Not of Hispanic origin (000-001, 006-199).....	705
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	42
Puerto Rican (003, 261-270).....	171
Cuban (004, 271-274).....	39
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	22
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	14
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	168
Ecuadorian (235).....	153
Peruvian (237).....	21
Other South American (231-233, 236, 238-249).....	11
Other Hispanic (005, 200-209, 250-260, 290-999).....	47
HISPANIC ORIGIN BY RACE	
Universe: <i>Persons</i>	
Not of Hispanic origin:	
White.....	371

Black.....	21
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	281
Other race.....	32
Hispanic origin:	
White.....	294
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	7
Other race.....	387

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	49
5 years.....	0
6 to 11 years.....	67
12 to 17 years.....	25
18 to 24 years.....	122
25 to 34 years.....	334
35 to 44 years.....	152
45 to 54 years.....	102
55 to 59 years.....	28
60 to 64 years.....	50
65 to 74 years.....	52
75 years and over.....	45

Income in 1989 below poverty level:

Under 5 years.....	17
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	43
18 to 24 years.....	30
25 to 34 years.....	103
35 to 44 years.....	23
45 to 54 years.....	51
55 to 59 years.....	6
60 to 64 years.....	21
65 to 74 years.....	41
75 years and over.....	32

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	12
5 years.....	0
6 to 11 years.....	43
12 to 17 years.....	18
18 to 64 years.....	325
65 to 74 years.....	52
75 years and over.....	45

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	21
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	9
5 years.....	0
6 to 11 years.....	16
12 to 17 years.....	0
18 to 64 years.....	186
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	28
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	7
18 to 64 years.....	256
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	7
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	32
18 to 64 years.....	58
65 to 74 years.....	41
75 years and over.....	32
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	77
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	10
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	11
18 to 64 years.....	99

65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
<i>Income in 1989 above poverty level:</i>	
Under 5 years.....	15
5 years.....	0
6 to 11 years.....	40
12 to 17 years.....	14
18 to 64 years.....	404
65 to 74 years.....	17
75 years and over.....	0
<i>Income in 1989 below poverty level:</i>	
Under 5 years.....	17
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	43
18 to 64 years.....	130
65 to 74 years.....	8
75 years and over.....	0

**Tract 159: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0159**

PERSONS

Universe: Persons

Total.....4320

RACE

Universe: Persons

White.....3531

Black.....5

American Indian, Eskimo, or Aleut.....9

Asian or Pacific Islander.....290

Other race.....485

RACE

Universe: Persons

White (800-869, 971).....3531

Black (870-934, 972).....5

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....9

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....35

Filipino (608, 977).....33

Japanese (611, 981).....0

Asian Indian (600, 982).....0

Korean (612, 979).....109

Vietnamese (619, 980).....11

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....0

Other Asian (601-603, 610, 614-617, 620-652, 985).....102

Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	485

PERSONS OF HISPANIC ORIGINUniverse: *Persons of Hispanic origin*

Total.....944

HISPANIC ORIGINUniverse: *Persons*

Not of Hispanic origin (000-001, 006-199).....3376

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....	107
Puerto Rican (003, 261-270).....	116
Cuban (004, 271-274).....	52
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	12
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	276
Ecuadorian (235).....	70
Peruvian (237).....	129
Other South American (231-233, 236, 238-249).....	106
Other Hispanic (005, 200-209, 250-260, 290-999).....	76

HISPANIC ORIGIN BY RACEUniverse: *Persons*

Not of Hispanic origin:

White.....	3081
Black.....	5
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	290
Other race.....	0

Hispanic origin:

White.....	450
Black.....	0
American Indian, Eskimo, or Aleut.....	9
Asian or Pacific Islander.....	0
Other race.....	485

POVERTY STATUS IN 1989 BY AGEUniverse: *Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	239
5 years.....	24
6 to 11 years.....	177
12 to 17 years.....	214
18 to 24 years.....	427
25 to 34 years.....	913

35 to 44 years.....	708
45 to 54 years.....	397
55 to 59 years.....	225
60 to 64 years.....	166
65 to 74 years.....	226
75 years and over.....	185
Income in 1989 below poverty level:	
Under 5 years.....	10
5 years.....	0
6 to 11 years.....	41
12 to 17 years.....	0
18 to 24 years.....	67
25 to 34 years.....	107
35 to 44 years.....	28
45 to 54 years.....	19
55 to 59 years.....	40
60 to 64 years.....	22
65 to 74 years.....	24
75 years and over.....	61

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	188
5 years.....	24
6 to 11 years.....	134
12 to 17 years.....	138
18 to 64 years.....	2376
65 to 74 years.....	212
75 years and over.....	185

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	5
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	9
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	16
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	19
18 to 64 years.....	175
65 to 74 years.....	8
75 years and over.....	0

Other race:

Under 5 years.....	35
5 years.....	0
6 to 11 years.....	25
12 to 17 years.....	57
18 to 64 years.....	271

65 to 74 years.....	6
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	10
5 years.....	0
6 to 11 years.....	27
12 to 17 years.....	0
18 to 64 years.....	159
65 to 74 years.....	24
75 years and over.....	54
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	5
12 to 17 years.....	0
18 to 64 years.....	49
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	0
18 to 64 years.....	75
65 to 74 years.....	0
75 years and over.....	7
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	73
5 years.....	0
6 to 11 years.....	44
12 to 17 years.....	73
18 to 64 years.....	625
65 to 74 years.....	6
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	0
18 to 64 years.....	107

65 to 74 years.....	0
75 years and over.....	7

**Tract 161: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0161**

PERSONS*Universe: Persons*

Total.....	2262
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RACE*Universe: Persons*

White.....	1236
Black.....	105
American Indian, Eskimo, or Aleut.....	10
Asian or Pacific Islander.....	737
Other race.....	174

RACE*Universe: Persons*

White (800-869, 971).....	1236
Black (870-934, 972).....	105
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	10
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	351
Filipino (608, 977).....	14
Japanese (611, 981).....	0
Asian Indian (600, 982).....	256
Korean (612, 979).....	0
Vietnamese (619, 980).....	21
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	95
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	174

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	550
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HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	1712
Hispanic origin (002-005, 200-999):	

Mexican (002, 210-220).....	28
Puerto Rican (003, 261-270).....	183
Cuban (004, 271-274).....	70
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	20
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	0
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	35
Ecuadorian (235).....	68
Peruvian (237).....	0
Other South American (231-233, 236, 238-249).....	12
Other Hispanic (005, 200-209, 250-260, 290-999).....	134

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....	858
Black.....	105
American Indian, Eskimo, or Aleut.....	10
Asian or Pacific Islander.....	732
Other race.....	7

Hispanic origin:

White.....	378
Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	5
Other race.....	167

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	40
5 years.....	41
6 to 11 years.....	78
12 to 17 years.....	203
18 to 24 years.....	237
25 to 34 years.....	332
35 to 44 years.....	303
45 to 54 years.....	227
55 to 59 years.....	81
60 to 64 years.....	115
65 to 74 years.....	147
75 years and over.....	127

Income in 1989 below poverty level:

Under 5 years.....	36
5 years.....	8
6 to 11 years.....	31
12 to 17 years.....	47
18 to 24 years.....	33
25 to 34 years.....	77
35 to 44 years.....	28
45 to 54 years.....	0
55 to 59 years.....	14
60 to 64 years.....	9
65 to 74 years.....	37
75 years and over.....	11

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined***Income in 1989 above poverty level:****White:**

Under 5 years.....	14
5 years.....	30
6 to 11 years.....	29
12 to 17 years.....	72
18 to 64 years.....	624
65 to 74 years.....	118
75 years and over.....	118

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	36
18 to 64 years.....	48
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	10
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	26
5 years.....	7
6 to 11 years.....	49
12 to 17 years.....	82
18 to 64 years.....	493
65 to 74 years.....	16
75 years and over.....	9

Other race:

Under 5 years.....	0
5 years.....	4
6 to 11 years.....	0
12 to 17 years.....	13
18 to 64 years.....	120
65 to 74 years.....	13
75 years and over.....	0

Income in 1989 below poverty level:**White:**

Under 5 years.....	26
5 years.....	8
6 to 11 years.....	31
12 to 17 years.....	40
18 to 64 years.....	91
65 to 74 years.....	29
75 years and over.....	6

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	13
65 to 74 years.....	8
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	7
18 to 64 years.....	43
65 to 74 years.....	0
75 years and over.....	5

Other race:

Under 5 years.....	10
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	14
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	0
5 years.....	17
6 to 11 years.....	0
12 to 17 years.....	42
18 to 64 years.....	295
65 to 74 years.....	24
75 years and over.....	21

Income in 1989 below poverty level:

Under 5 years.....	36
5 years.....	8
6 to 11 years.....	31
12 to 17 years.....	15
18 to 64 years.....	61
65 to 74 years.....	0
75 years and over.....	0

**Tract 163: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0163**

PERSONS

Universe: Persons

Total.....5140

RACE

Universe: Persons

White.....	2271
Black.....	1236
American Indian, Eskimo, or Aleut.....	21
Asian or Pacific Islander.....	973

Other race.....639

RACE*Universe: Persons*

White (800-869, 971).....2271

Black (870-934, 972).....1236

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....21

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....788

Filipino (608, 977).....40

Japanese (611, 981).....0

Asian Indian (600, 982).....60

Korean (612, 979).....0

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....30

Other Asian (601-603, 610, 614-617, 620-652, 985).....55

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....639

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....1876

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....3264

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....9

Puerto Rican (003, 261-270).....886

Cuban (004, 271-274).....33

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....312

Central American (221-230):

Guatemalan (222).....58

Honduran (223).....11

Nicaraguan (224).....19

Panamanian (225).....16

Salvadoran (226).....34

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....92

Ecuadorian (235).....170

Peruvian (237).....0

Other South American (231-233, 236, 238-249).....18

Other Hispanic (005, 200-209, 250-260, 290-999).....218

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....	1134
Black.....	1119
American Indian, Eskimo, or Aleut.....	21
Asian or Pacific Islander.....	973
Other race.....	17

Hispanic origin:

White.....	1137
Black.....	117
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	622

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....	226
5 years.....	51
6 to 11 years.....	274
12 to 17 years.....	375
18 to 24 years.....	522
25 to 34 years.....	609
35 to 44 years.....	613
45 to 54 years.....	496
55 to 59 years.....	228
60 to 64 years.....	212
65 to 74 years.....	283
75 years and over.....	120

Income in 1989 below poverty level:

Under 5 years.....	131
5 years.....	25
6 to 11 years.....	110
12 to 17 years.....	144
18 to 24 years.....	134
25 to 34 years.....	85
35 to 44 years.....	105
45 to 54 years.....	184
55 to 59 years.....	41
60 to 64 years.....	63
65 to 74 years.....	63
75 years and over.....	21

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	81
5 years.....	29
6 to 11 years.....	74
12 to 17 years.....	202
18 to 64 years.....	1171
65 to 74 years.....	200
75 years and over.....	88

Black:

Under 5 years.....	55
5 years.....	0
6 to 11 years.....	66
12 to 17 years.....	67
18 to 64 years.....	674
65 to 74 years.....	71
75 years and over.....	29

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	14
18 to 64 years.....	7
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	60
5 years.....	14
6 to 11 years.....	61
12 to 17 years.....	51
18 to 64 years.....	515
65 to 74 years.....	9
75 years and over.....	0

Other race:

Under 5 years.....	30
5 years.....	8
6 to 11 years.....	73
12 to 17 years.....	41
18 to 64 years.....	313
65 to 74 years.....	3
75 years and over.....	3

Income in 1989 below poverty level:

White:

Under 5 years.....	33
5 years.....	14
6 to 11 years.....	54
12 to 17 years.....	55
18 to 64 years.....	226
65 to 74 years.....	16
75 years and over.....	21

Black:

Under 5 years.....	65
5 years.....	5
6 to 11 years.....	3
12 to 17 years.....	28
18 to 64 years.....	146
65 to 74 years.....	9
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	25
5 years.....	6
6 to 11 years.....	45
12 to 17 years.....	17
18 to 64 years.....	142
65 to 74 years.....	28
75 years and over.....	0

Other race:

Under 5 years.....	8
5 years.....	0

6 to 11 years.....	8
12 to 17 years.....	44
18 to 64 years.....	98
65 to 74 years.....	10
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	74
5 years.....	19
6 to 11 years.....	129
12 to 17 years.....	158
18 to 64 years.....	938
65 to 74 years.....	12
75 years and over.....	12

Income in 1989 below poverty level:

Under 5 years.....	58
5 years.....	14
6 to 11 years.....	62
12 to 17 years.....	87
18 to 64 years.....	293
65 to 74 years.....	20
75 years and over.....	0

Tract 295: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0295

PERSONS

Universe: Persons

Total.....3338

RACE

Universe: Persons

White.....2533
 Black.....72
 American Indian, Eskimo, or Aleut.....0
 Asian or Pacific Islander.....531
 Other race.....202

RACE

Universe: Persons

White (800-869, 971).....2533
 Black (870-934, 972).....72
 American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):
 American Indian (000-599, 973).....0
 Eskimo (935-940, 974).....0
 Aleut (941-970, 975).....0
 Asian or Pacific Islander (600-699, 976-985):
 Asian (600-652, 976, 977, 979-982, 985):
 Chinese (605-607, 976).....143
 Filipino (608, 977).....202
 Japanese (611, 981).....0
 Asian Indian (600, 982).....79
 Korean (612, 979).....100
 Vietnamese (619, 980).....0
 Cambodian (604).....0
 Hmong (609).....0

Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	7
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	202

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....592

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....2746

Hispanic origin (002-005, 200-999):

Mexican (002, 210-220).....33

Puerto Rican (003, 261-270).....135

Cuban (004, 271-274).....37

Other Hispanic (005, 200-209, 221-260, 275-999):

Dominican (Dominican Republic) (275-289).....74

Central American (221-230):

Guatemalan (222).....0

Honduran (223).....20

Nicaraguan (224).....0

Panamanian (225).....0

Salvadoran (226).....12

Other Central American (221, 227-230).....0

South American (231-249):

Colombian (234).....127

Ecuadorian (235).....59

Peruvian (237).....25

Other South American (231-233, 236, 238-249).....25

Other Hispanic (005, 200-209, 250-260, 290-999).....45

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

White.....2168

Black.....61

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....517

Other race.....0

Hispanic origin:

White.....365

Black.....11

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....14

Other race.....202

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

Under 5 years.....201

5 years.....21

6 to 11 years.....159

12 to 17 years.....	102
18 to 24 years.....	220
25 to 34 years.....	696
35 to 44 years.....	436
45 to 54 years.....	272
55 to 59 years.....	114
60 to 64 years.....	107
65 to 74 years.....	342
75 years and over.....	301
Income in 1989 below poverty level:	
Under 5 years.....	13
5 years.....	0
6 to 11 years.....	16
12 to 17 years.....	22
18 to 24 years.....	16
25 to 34 years.....	35
35 to 44 years.....	76
45 to 54 years.....	36
55 to 59 years.....	25
60 to 64 years.....	40
65 to 74 years.....	12
75 years and over.....	65

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	148
5 years.....	12
6 to 11 years.....	101
12 to 17 years.....	73
18 to 64 years.....	1327
65 to 74 years.....	335
75 years and over.....	280

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	46
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	10
5 years.....	9
6 to 11 years.....	39
12 to 17 years.....	17
18 to 64 years.....	357
65 to 74 years.....	7
75 years and over.....	15

Other race:

Under 5 years.....	43
5 years.....	0

6 to 11 years.....	19
12 to 17 years.....	12
18 to 64 years.....	115
65 to 74 years.....	0
75 years and over.....	6
Income in 1989 below poverty level:	
White:	
Under 5 years.....	4
5 years.....	0
6 to 11 years.....	7
12 to 17 years.....	22
18 to 64 years.....	154
65 to 74 years.....	7
75 years and over.....	59
Black:	
Under 5 years.....	9
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	17
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	9
12 to 17 years.....	0
18 to 64 years.....	57
65 to 74 years.....	5
75 years and over.....	6
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
Universe: Persons of Hispanic origin for whom poverty status is	
Universe: determined	
Income in 1989 above poverty level:	
Under 5 years.....	72
5 years.....	0
6 to 11 years.....	31
12 to 17 years.....	27
18 to 64 years.....	355
65 to 74 years.....	8
75 years and over.....	24
Income in 1989 below poverty level:	
Under 5 years.....	4
5 years.....	0

6 to 11 years.....	0
12 to 17 years.....	8
18 to 64 years.....	52
65 to 74 years.....	0
75 years and over.....	0

**Tract 297: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0297**

PERSONS

Universe: Persons

Total.....1675

RACE

Universe: Persons

White.....1167

Black.....98

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....281

Other race.....129

RACE

Universe: Persons

White (800-869, 971).....1167

Black (870-934, 972).....98

American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):

American Indian (000-599, 973).....0

Eskimo (935-940, 974).....0

Aleut (941-970, 975).....0

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976).....13

Filipino (608, 977).....105

Japanese (611, 981).....0

Asian Indian (600, 982).....37

Korean (612, 979).....31

Vietnamese (619, 980).....0

Cambodian (604).....0

Hmong (609).....0

Laotian (613).....0

Thai (618).....21

Other Asian (601-603, 610, 614-617, 620-652, 985).....74

Pacific Islander (653-699, 978, 983, 984):

Polynesian (653-659, 978, 983):

Hawaiian (653, 654, 978).....0

Samoan (655, 983).....0

Tongan (657).....0

Other Polynesian (656, 658, 659).....0

Micronesian (660-675, 984):

Guamanian (660, 984).....0

Other Micronesian (661-675).....0

Melanesian (676-680).....0

Pacific Islander, not specified (681-699).....0

Other race (700-799, 986-999).....129

PERSONS OF HISPANIC ORIGIN

Universe: Persons of Hispanic origin

Total.....327

HISPANIC ORIGIN

Universe: Persons

Not of Hispanic origin (000-001, 006-199).....1348
 Hispanic origin (002-005, 200-999):
 Mexican (002, 210-220).....0
 Puerto Rican (003, 261-270).....0
 Cuban (004, 271-274).....7
 Other Hispanic (005, 200-209, 221-260, 275-999):
 Dominican (Dominican Republic) (275-289).....209
 Central American (221-230):
 Guatemalan (222).....0
 Honduran (223).....0
 Nicaraguan (224).....0
 Panamanian (225).....0
 Salvadoran (226).....0
 Other Central American (221, 227-230).....0
 South American (231-249):
 Colombian (234).....66
 Ecuadorian (235).....38
 Peruvian (237).....0
 Other South American (231-233, 236, 238-249).....7
 Other Hispanic (005, 200-209, 250-260, 290-999).....0

HISPANIC ORIGIN BY RACE*Universe: Persons*

Not of Hispanic origin:

 White.....1059
 Black.....8
 American Indian, Eskimo, or Aleut.....0
 Asian or Pacific Islander.....281
 Other race.....0

Hispanic origin:

 White.....108
 Black.....90
 American Indian, Eskimo, or Aleut.....0
 Asian or Pacific Islander.....0
 Other race.....129

POVERTY STATUS IN 1989 BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

 Under 5 years.....56
 5 years.....0
 6 to 11 years.....70
 12 to 17 years.....77
 18 to 24 years.....224
 25 to 34 years.....342
 35 to 44 years.....187
 45 to 54 years.....166
 55 to 59 years.....79
 60 to 64 years.....120
 65 to 74 years.....83
 75 years and over.....127

Income in 1989 below poverty level:

 Under 5 years.....0
 5 years.....0
 6 to 11 years.....0
 12 to 17 years.....0
 18 to 24 years.....16
 25 to 34 years.....40
 35 to 44 years.....16
 45 to 54 years.....18
 55 to 59 years.....10

60 to 64 years.....	9
65 to 74 years.....	9
75 years and over.....	9

POVERTY STATUS IN 1989 BY RACE BY AGE*Universe: Persons for whom poverty status is determined*

Income in 1989 above poverty level:

White:

Under 5 years.....	30
5 years.....	0
6 to 11 years.....	34
12 to 17 years.....	38
18 to 64 years.....	783
65 to 74 years.....	65
75 years and over.....	114

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	90
65 to 74 years.....	0
75 years and over.....	0

American Indian, Eskimo, or Aleut:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Asian or Pacific Islander:

Under 5 years.....	26
5 years.....	0
6 to 11 years.....	30
12 to 17 years.....	27
18 to 64 years.....	164
65 to 74 years.....	11
75 years and over.....	13

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	6
12 to 17 years.....	12
18 to 64 years.....	81
65 to 74 years.....	7
75 years and over.....	0

Income in 1989 below poverty level:

White:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	68
65 to 74 years.....	9
75 years and over.....	9

Black:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0

18 to 64 years.....	8
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	10
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	23
65 to 74 years.....	0
75 years and over.....	0
POVERTY STATUS IN 1989 BY AGE	
<i>Universe: Persons of Hispanic origin for whom poverty status is</i>	
<i>Universe: determined</i>	
Income in 1989 above poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	18
12 to 17 years.....	18
18 to 64 years.....	244
65 to 74 years.....	7
75 years and over.....	0
Income in 1989 below poverty level:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	40
65 to 74 years.....	0
75 years and over.....	0

**Tract 299: FIPS.STATE=36, FIPS.COUNTY90=081,
FIPS.TRACT90=0299**

PERSONS*Universe: Persons*

Total.....220

RACE*Universe: Persons*

White.....160

Black.....	0
American Indian, Eskimo, or Aleut.....	0
Asian or Pacific Islander.....	0
Other race.....	60

RACE*Universe: Persons*

White (800-869, 971).....	160
Black (870-934, 972).....	0
American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):	
American Indian (000-599, 973).....	0
Eskimo (935-940, 974).....	0
Aleut (941-970, 975).....	0
Asian or Pacific Islander (600-699, 976-985):	
Asian (600-652, 976, 977, 979-982, 985):	
Chinese (605-607, 976).....	0
Filipino (608, 977).....	0
Japanese (611, 981).....	0
Asian Indian (600, 982).....	0
Korean (612, 979).....	0
Vietnamese (619, 980).....	0
Cambodian (604).....	0
Hmong (609).....	0
Laotian (613).....	0
Thai (618).....	0
Other Asian (601-603, 610, 614-617, 620-652, 985).....	0
Pacific Islander (653-699, 978, 983, 984):	
Polynesian (653-659, 978, 983):	
Hawaiian (653, 654, 978).....	0
Samoan (655, 983).....	0
Tongan (657).....	0
Other Polynesian (656, 658, 659).....	0
Micronesian (660-675, 984):	
Guamanian (660, 984).....	0
Other Micronesian (661-675).....	0
Melanesian (676-680).....	0
Pacific Islander, not specified (681-699).....	0
Other race (700-799, 986-999).....	60

PERSONS OF HISPANIC ORIGIN*Universe: Persons of Hispanic origin*

Total.....	122
------------	-----

HISPANIC ORIGIN*Universe: Persons*

Not of Hispanic origin (000-001, 006-199).....	98
Hispanic origin (002-005, 200-999):	
Mexican (002, 210-220).....	44
Puerto Rican (003, 261-270).....	0
Cuban (004, 271-274).....	0
Other Hispanic (005, 200-209, 221-260, 275-999):	
Dominican (Dominican Republic) (275-289).....	0
Central American (221-230):	
Guatemalan (222).....	0
Honduran (223).....	20
Nicaraguan (224).....	0
Panamanian (225).....	0
Salvadoran (226).....	0
Other Central American (221, 227-230).....	0
South American (231-249):	
Colombian (234).....	51
Ecuadorian (235).....	0
Peruvian (237).....	0

Other South American (231-233, 236, 238-249).....7

Other Hispanic (005, 200-209, 250-260, 290-999).....0

HISPANIC ORIGIN BY RACE

Universe: Persons

Not of Hispanic origin:

White.....98

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....0

Hispanic origin:

White.....62

Black.....0

American Indian, Eskimo, or Aleut.....0

Asian or Pacific Islander.....0

Other race.....60

POVERTY STATUS IN 1989 BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

Under 5 years.....5

5 years.....0

6 to 11 years.....26

12 to 17 years.....0

18 to 24 years.....71

25 to 34 years.....36

35 to 44 years.....33

45 to 54 years.....37

55 to 59 years.....0

60 to 64 years.....0

65 to 74 years.....0

75 years and over.....0

Income in 1989 below poverty level:

Under 5 years.....0

5 years.....0

6 to 11 years.....0

12 to 17 years.....0

18 to 24 years.....0

25 to 34 years.....4

35 to 44 years.....8

45 to 54 years.....0

55 to 59 years.....0

60 to 64 years.....0

65 to 74 years.....0

75 years and over.....0

POVERTY STATUS IN 1989 BY RACE BY AGE

Universe: Persons for whom poverty status is determined

Income in 1989 above poverty level:

White:

Under 5 years.....5

5 years.....0

6 to 11 years.....18

12 to 17 years.....0

18 to 64 years.....125

65 to 74 years.....0

75 years and over.....0

Black:

Under 5 years.....0

5 years.....0

6 to 11 years.....0

12 to 17 years.....0

18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Other race:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	8
12 to 17 years.....	0
18 to 64 years.....	52
65 to 74 years.....	0
75 years and over.....	0
Income in 1989 below poverty level:	
White:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	12
65 to 74 years.....	0
75 years and over.....	0
Black:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
American Indian, Eskimo, or Aleut:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0
Asian or Pacific Islander:	
Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

Other race:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	0
65 to 74 years.....	0
75 years and over.....	0

POVERTY STATUS IN 1989 BY AGE

Universe: Persons of Hispanic origin for whom poverty status is

Universe: determined

Income in 1989 above poverty level:

Under 5 years.....	5
5 years.....	0
6 to 11 years.....	19
12 to 17 years.....	0
18 to 64 years.....	86
65 to 74 years.....	0
75 years and over.....	0

Income in 1989 below poverty level:

Under 5 years.....	0
5 years.....	0
6 to 11 years.....	0
12 to 17 years.....	0
18 to 64 years.....	12
65 to 74 years.....	0
75 years and over.....	0

COMPLIANCE CERTIFICATION

Pursuant to the requirements of 6 NYCRR 231-2.4(a)(2)(i), this certifies that all emission sources which are part of any major facility located in New York State and under the ownership or control of Orion Power Holdings, Inc. either comply or are on a schedule for compliance with all applicable emission limitations and standards under Chapter III of 6 NYCRR.



Donald M. McArthur
Designated Representative
Orion Power Holdings, Inc.

Date: 2/1/2001

APPENDIX 15-H

Compliance Certification

APPENDIX 15-I

Section 231-2.4 (a)(2)(ii)

APPENDIX 15-I
ASTORIA GENERATING STATION REPOWERING
SECTION 231-2.4(a)(2)(ii) ANALYSIS

1.0 INTRODUCTION

This analysis addresses the requirements of DEC's NANSR requirement in 6 NYCRR § 231-2.4(a)(2)(ii). That section requires an applicant for a proposed source project subject to Part 231-2 to submit an analysis of alternative sites, sizes, production processes, and environmental control techniques which demonstrates that the benefits of a proposed source project significantly outweigh the environmental and social costs imposed as a result of its location and construction within New York State.

2.0 ALTERNATIVE SITES

Because the Repowering involves the retirement of existing boilers at AGS, their replacement by six modern combined cycle combustion turbine assemblies, and the reuse of a significant amount of existing AGS equipment (including the Units 4 and 5 steam turbines), there is no feasible alternative site on which to accomplish the Repowering.

3.0 ALTERNATIVE PROCESSES AND SIZES

The use of modern combined cycle combustion turbine technology is the most thermally efficient method of generating electricity. Other processes capable of producing electricity at this scale are less thermally efficient while producing more air emissions. Thus, combined cycle combustion turbine technology is the preferred process.

With respect to size, the Repowering's proposed electrical output has been optimized to fit the configuration of the Site while addressing to the extent possible the shortage of electric generating capacity in New York City. Reducing the size of the Repowering would not be desirable in the face of this capacity shortage.

4.0 ALTERNATIVE CONTROL TECHNOLOGIES

Alternative emissions control technologies are discussed in Section 15.4 of this application. The proposed control technologies discussed in that section satisfy either BACT, LAER or the Article X standard of minimizing adverse environmental impacts. There are no demonstrated better control technologies for the Repowering than those proposed by Orion Power.

5.0 PROJECT BENEFITS VERSUS COSTS

A number of significant, tangible benefits will result from the Repowering. First, the single greatest benefit of the Repowering is the reduction of the environmental impacts of the existing AGS. When the Repowering has been completed, emissions of acid rain pollutants (nitrogen oxides and sulfur oxides) will be reduced by thousands of tons, as detailed in the Netting Analysis in Appendix 15-A of this Application. The reductions will be real and permanent, unlike new facilities that must rely on the argument that they may cause potential operational reductions at, or shutdown of, someone else's existing power plant in the future to improve air quality. These reductions as a result of the Repowering will be achieved while increasing net electrical capacity by almost 50%. Similarly, when the Repowering has been completed, the volume of water drawn from the East River and the volume of wastewater discharged to the river will be reduced by over 90%. The reduction in water use will also minimize the number of fish, eggs, and larvae that are drawn into the plant's pumps and piping systems.

Second, the standard method of producing steam from fossil fuels is inefficient by today's standards. In fact, the "thermal efficiency" of the existing AGS boiler technology, which is a measure of the amount of fuel required to produce a unit of electricity, averages approximately 30%. By contrast, the efficiency of the proposed combined cycle gas turbine assemblies is approximately 50%. By reusing the existing steam turbine in series with combined cycle gas turbine assemblies, the Repowering will increase the efficiency of the existing AGS by over 60%.

Third, the Repowering affirmatively addresses the electric generating needs of New York State, and New York City in particular. There is a clear and immediate need for additional generating capacity in New York City. On July 11, 2000, New York State Public Service Commission Chairman Maureen Helmer testified before the New York City Council that there is a statewide need to add over 600 MW per year of new generating capacity to meet the demands of a growing economy that is increasingly dependent on technology. Chairman Helmer further testified that there is a shortage in generating capacity in New York City, which has reduced the expected level of reliability and increased prices for electricity. She identified an immediate need for an additional 300 MW in New York City and an additional 200 MW each year thereafter. The Repowering will help address this identified need for reliable capacity in New York City.

From the standpoint of environmental and social costs, the Repowering's potential environmental and social impacts, which are summarized in Table I-1, are offset by its benefits. Indeed, as discussed above, existing air and water pollution impacts will be reduced significantly as a result of the Repowering, with a sizable net increase in electric generation. On balance, the net public gain from the Repowering far exceeds anticipated impacts.

Table I-1: Summary of Potential Impacts and Proposed Mitigation

Environmental Concern	Potential Impacts	Proposed Mitigation
Land Use	None anticipated given the existing facility	None anticipated
Air Quality		
Construction	<ul style="list-style-type: none"> Exhaust emissions Dust 	<ul style="list-style-type: none"> Maintain and operate equipment per manufacturer's recommendations Water application Temporary enclosures
Operation	<ul style="list-style-type: none"> Net reductions in emissions Cooling tower emissions 	<ul style="list-style-type: none"> Primary fuel-natural gas Selective catalytic reduction for NO_x Oxidation catalyst for CO, VOCs, and hazardous air pollutants Hybrid cooling tower to minimize vapor plumes
Water Resources		
Construction	Erosion from storm water runoff	<ul style="list-style-type: none"> Catch basin sediment filters Covering stockpiles Placing silt fences and hay bales as barrier controls around stockpiles
Operation	Net decrease in water withdrawal from East River	Hybrid cooling tower
Noise		
Construction	Construction equipment	Limiting hours for outdoor construction activities
Operation	New operating equipment	<ul style="list-style-type: none"> Select low noise equipment Install enclosures/buildings
Traffic and Transportation		
Construction	<ul style="list-style-type: none"> Increase in traffic Need for parking 	<ul style="list-style-type: none"> Provide adequate on-site parking or busing to site Use of water for equipment delivery Avoid peak commuting hours for deliveries
Operation	None anticipated	None anticipated
Hazardous Materials and Waste Management		
Construction	Generation of construction-related wastes	Minimize and properly manage waste generation and disposal

Table I-1 (continued)

Environmental Concern	Potential Impacts	Proposed Mitigation
Operation	Generation of new wastes associated with cooling tower and catalysts	Minimize and properly manage waste generation and disposal
Biological Resources		
Construction	None anticipated	None anticipated
Operation	Reduction in entrainment and impingement of fish, eggs, and larvae	Hybrid cooling tower reduce water withdrawal from East River
Visual Resources		
Construction	Site disturbance due to construction activities	Phased construction
Operation	Construction of cooling tower and alterations at the facility (stacks, lighting, etc.)	<ul style="list-style-type: none"> • Reducing number of stacks • Reconfiguring stack placement • Enhanced appearance of new plant using colors • Adding natural vegetation
Geological Resources		
Construction	Installation of foundations	Spread footings and caissons
Operation	Potential flooding	Design and locate structures and equipment to minimize flood impacts
Cultural Resources	None anticipated	None anticipated
Socioeconomic Resources		
Construction	Temporary construction employment	None anticipated
Operation	None anticipated	None anticipated
Transmission		
Construction	Noise and traffic increase during construction	<ul style="list-style-type: none"> • Limit construction activity hours • Noise abatement • Avoid peak commuting hours for deliveries
Operation	Visual impact of new lines and structures	Blend in colors, as appropriate