

FROM: Patrick McDonnell Pure Secretary

DATE: February 28, 2019

SUBJECT: Questions from the FY2019-20 DEP Budget Hearing

The following are responses to questions raised at the House Appropriations Committee budget hearing for the Department of Environmental Protection (DEP):

Chairman Saylor/Rep. Ortitay/Rep. Krueger

> Why is DEP continually getting sued?

Commonwealth citizens have a great interest in what DEP regulates, as our authority directly affects property, economic interests, quality of life, and health. Everything our agency does occurs under some public interest magnification – and for that reason, we do as much as possible to fully engage the regulated community and the public in all of our actions and activities.

Without exception, over the last 10 years, less than one percent of the Department's final actions were appealed or challenged in court.

Please also see the response to the next question.

> What percent of permits is challenged?

Less than one percent of DEP's final actions are challenged annually.

In 2018, DEP took final (appealable) action on 42,689 applications. There were 128 appeals filed before the Environmental Hearing Board (EHB) in 2018. This constitutes a 0.30 percent appeal rate of our final actions.

Over the last 10 years, the EHB appeal numbers have not varied much – between 117 and 224 appeals per year – though 2008 was a high appeal outlier with 351 appeals filed. The 10-year annual average for appeals is 191.

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Assuming, conservatively, DEP took 30,000 final (appealable) actions each of these years prior (12,000 fewer than 2018), the appeal rate would still be less than one percent (0.64 percent).¹

The EHB had a particularly busy docket between 1985 and 1992 – when the DEP complement was one-third larger than it is today – where appeals filed per year ranged between 538 and 621.

How much money has DEP paid in legal fees for the last 10 years?

Over the past 11 years, the Department has paid a total of \$1.3 million pursuant to the Pennsylvania Clean Streams Law Section 309. This amount is the combination of court awarded fees and some fees paid in settlement, all pursuant to the statutory provision. Please note: The vast majority of these cases where fees were awarded are situations where DEP defended permits issued alongside the permittee and their counsel/experts.

How much money has DEP paid in reimbursed legal fees to outside groups who successfully challenged the Department in court?

Please see above. The total amount includes payments to both environmental groups and to other appellants.

What is the source of the money used to reimburse legal fees?
61% The Clean Water Fund
16% General Operations
14% Air & Energy Title V Management
6% Safe Drinking Water
3% Misc. Funds (mostly Dams & Encroachments/Solid Waste Abatement Fund)

> Does DEP hire outside counsel to handle lawsuits from environmental groups?

It is extremely rare for DEP to hire outside counsel for an environmental case.²

DEP has hired outside counsel for environmental cases in two cases that we are aware of:

¹ Land development downturn in 2006 is a consideration; however, the concurrent increase in Oil & Gas well permits and Chapter 102/105 permits in that program and the growth of the MS4 program more than made up for final action numbers from the decreased land development activity. Thus the 30,000 assumption is likely low.

 $^{^2}$ Note: The Department does use outside counsel in some non-environmental cases. For example, personnel cases, some civil rights cases where Office of Attorney General does not accept referral, and in very unique toxic tort cases where private counsel is appropriate (MTBE case). DEP does more of its own litigation and defense than most other agencies, as we are equipped to do so.

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<u>Robinson Township</u> RE: the environmental rights amendment. This decision was made under a prior administration, so we are not able to answer the reasons for this decision; however, the case did represent an important, unique, and significant constitutional issue.

<u>EQT – Declaratory Judgement (PA Supreme Court argument only)</u> RE: The Clean Streams Law civil penalty provision. This is the only case under the Wolf Administration and under DEP's current Chief Counsel where outside counsel has been engaged. There were a number of legal and strategic reasons for hiring specialized statutory construction counsel in this case. Moreover, EQT, which has experienced in-house environmental counsel and regular outside environmental counsel, also chose to hire an appellate specialist in this case, perhaps for similar strategic reasons. This outside counsel engagement in EQT was for the Supreme Court argument only. The DEP Office of Chief Counsel litigated the case in the lower court and prevailed in the civil penalty case and that appeal.

Again, it is remarkably rare to encounter a case that DEP counsel cannot handle, as we have some of the most experienced state environmental compliance and enforcement attorneys in both the Commonwealth and the United States.

> Does DEP have adequate staff to handle lawsuits from outside groups?

While DEP is down 25 attorney positions from 14 years ago and faces competition for hiring from the private sector and budgetary pressures, we have worked to be more efficient and our attorneys are highly competent to handle lawsuits.

> In the last 10 years, how much money and staff time have been spent on lawsuits with oil & gas companies?

Unfortunately, there is likely no way to meaningfully answer this question as we do not track our work in this way. We have a central office program and three regional offices that house oil and gas program technical staff. We also have approximately 10 attorneys statewide that do some or all oil and gas program legal work.

> When and why does DEP hire outside counsel?

It is particularly rare in environmental cases, and these decisions have been made in the past by different people, but we can try to answer this question with respect to the current administration. On any particular case, the decision is fact and circumstance specific and typically involves litigation strategy.

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DEP retains outside counsel in environmental litigation only in extraordinary situations because we already employ a number of highly specialized litigators and environmental law specialists whose primary function is to represent the Department in court. Moreover, it is cost prohibitive to hire outside counsel in the thousands of compliance and enforcement actions we are engaged in each year.³

Of the two environmental cases where DEP has used outside counsel in the past 10 years, this is what was spent:

Total= \$933,235.50

Case: <u>Robinson Township</u> Article 1, section 27 litigation. Corbett Administration: Amount paid: \$765,376.75 Paid over years: 2012-2014 Unique and constitutional case.

Case: <u>EQT Supreme Court Appeal (only)</u> Wolf Administration: Amount paid: \$167,858.75 Paid during year: 2017 PA Supreme Court brief and argument. Key civil penalty provision in the Clean Streams Law being challenged.

Rep. Ortitay

What is the cost-benefit analysis for the Alternative Energy Portfolio Standards (AEPS) changes to increase renewables in the draft Climate Action Plan?

The draft Pennsylvania Climate Action Plan (CAP) is available on the DEP website at the following URL:

https://www.dep.pa.gov/Business/Energy/OfficeofPollutionPrevention/climatechange/Publishing Images/Pages/CCAC/2018%20PA%20CAP%20Draft%20112018.pdf

There are several sections that may be helpful in better understanding the incorporation of more renewables:

³ The litigation statistics provided related to appeals per year reflect only those actions that are appealed. Thousands more compliance and enforcement actions are taken each year which require compliance and legal staff time.

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1. There is a cost-benefit analysis for the strategy "Create a diverse portfolio of clean, utilityscale electricity generation" beginning on page 68 of the draft CAP. Included in that strategy are several possible actions, one of which is increasing AEPS Tier 1 targets. That section includes cost-benefit, but it is for the entire strategy, not just the AEPS portion.

2. In Appendix A there is more detailed information by each action. Table 11 on page A-1 shows Greenhouse Gas (GHG) reductions, cost per GHG reduction, and net present value for each action (including AEPS).

3. Also in the Appendix on page A-18 is a breakdown of cost-benefit analysis for just the AEPS strategy.

Rep. Fiedler

What was the highest complement number DEP had in the last 15 years? What is it currently?

DEP had 3,124 authorized positions with 2,874 filled positions on December 31, 2005. The current year authorized is 2,497 with 2,308 filled as of December 31, 2018.

Rep. Bullock

> Total number and list of Environmental Justice areas.

There are currently 1,015 Environmental Justice (EJ) Areas. DEP identifies EJ Areas at the census tract level, and an EJ Area is any census tract where 20 percent or more individuals live in poverty and/or 30 percent or more of the population is minority based on the most current census tract data from the U.S. Census Bureau and the federal guidelines for poverty.

Please find attached a list of EJ Areas in the Commonwealth.

Rep. Fred Keller

➢ For SRBC and DRBC, how are dues calculated and what are the dues that each state pays?

Please find attached the DRBC Contribution History and the SRBC FY2020 Budget, which show the dues allocations and the dues paid by each state for DRBC and SRBC respectively. Both are a split of the annual projected budgets. DRBC is set by a formula in the compact but has been renegotiated over the years; the current splits are in the attached summary of costs by year.

SRBC is set as an agreement between the states by resolution (it is referenced in the sheet attached (Resolution 96-08); it is not specified in the compact.

> Does SRBC have performance measures?

SRBC does work for DEP that is on a contracted basis and for this work, SRBC has deliverables and due dates. However, these are not performance measures exactly, rather terms of a contract. For other activities, SRBC does not have performance standards that they must meet as required by Pennsylvania.

> Does SRBC have performance measures related to the Chesapeake Bay?

Because SRBC is not one of the signatories to the Chesapeake Bay agreement, the commission does not have performance measures related to the Chesapeake Bay agreement.

> Are there performance measures for the Chesapeake Bay?

Pennsylvania is a signatory to the 2014 Chesapeake Bay Watershed Agreement, which contains 10 goals and 31 outcomes related to the diversity, environmental literacy, stewardship, water quality, and habitat improvement in the Chesapeake Bay. The Chesapeake Bay Program partnership has developed management strategies and two-year workplans that specify actions to achieve the outcomes.

Included in these outcomes is the achievement of the nutrient and sediment reduction targets established as part of the 2010 Total Maximum Daily Load (TMDL). Pennsylvania is currently developing the third version of a Watershed Implementation Plan to address revised reduction targets established by the Chesapeake Bay Program partnership in July 2018. By 2025, Pennsylvania is obligated to reduce nitrogen pollution levels by 34.18 million pounds per year and phosphorous levels by 700,000 pounds per year.

Rep. Fred Keller/Chairman Saylor

In August 2018, a New York plant released 35 million gallons of untreated waste into the Susquehanna River. Was it assessed a fine? If so, how much was it?

There was a release related to a flooding event in August of 2018 that impacted the City of Binghamton, New York, and its related sewage treatment plant, which discharges to the Susquehanna River. As the facility is located in New York State, DEP does not have jurisdiction over the facility and did not assess a penalty on the facility. The sewage discharge in question appears to be part of a combined sewer overflow (CSO) event that occurred on August 13, 2018,

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and lasted over approximately six days. This was one of approximately 20 CSO discharges reported for this facility in August. We would not expect the New York State Department of Environmental Conservation (NYSDEC) to assess a penalty as CSOs are authorized outfalls under the facility's NPDES permit designed to discharge to alleviate excessive flows and prevent infrastructure, homeowner, or facility damage. We have contacted NYSDEC but have not gotten a response. We will be sure to follow up when we receive a response.

Rep. Chris Quinn

Between DEP and the Conservation Districts, how many inspectors are there for the pipeline work?

Between DEP and the Conservation Districts, we estimate a total of 220 staff devote all or a portion of their time inspecting pipeline construction. This figure is broken down into the following:

- <u>Conservation district staff</u> provide Ch. 102 and Ch. 105 program support actions including the inspection of active construction sites. This construction includes either distribution or transmission pipelines (but not gathering lines, which are inspected by DEP's Oil & Gas program). Roughly 128 conservation district technicians provided this work in 66 counties. These staff do not dedicate their entire workday to performing pipeline inspection work but inspections on pipeline activities (relating to distribution and transmission lines) is one element of their work duties depending on the amount of active pipeline construction work in their respective county.
- **<u>Regional DEP staff</u>** perform actions to carry out the Ch. 102 and Ch. 105 programs as well. Between 40 and 50 DEP regional staff are involved in performing these pipeline inspections. Again, these staff are not solely working on pipeline inspections, but an element of their work duties involves inspecting construction sites, including pipelines (distribution and transmission lines) to ensure regulatory and permit compliance.
- The Office of Oil and Gas Management (O&G) has District Office staff that perform various functions, including the inspection of oil and gas pipelines. These O&G staff work, in part, overseeing work relating to the construction of the gathering lines and do not oversee either distribution or transmission line construction. The O&G program has a total of 43 staff working under this program in the O&G District Offices that perform inspections on the gathering lines as part of their overall program duties.

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Rep. White

> What is the data on discharges from the Willow Grove base?

Please find attached the discharge sampling information (HAGS Sampling Data).

> How many families have been impacted by the Willow Grove base PFAS situation?

Following sampling of nearly 900 wells, the projected impacts are 172 homes about the Health Advisory Limit (HAL) of 70 ppt, and 126 below the HAL but above 40 pt. All homes are being connected to the public water system.

From the public water systems, the populations impacted prior to the wells being taken offline were as follows:

- Warminster Municipal Authority 40,000
- Horsham Water and Sewer Authority 25,000
- Warring Township Water and Sewer Department 21,588
- Horsham Air Guard Station 440.

Rep. Gabler

Has DEP been in communication with NYU School of Law's State Energy & Environmental Impact Center? Has there been any agreement to participate?

Attorneys from the DEP Office of Chief Counsel participate in conference calls with other states' attorneys to discuss how certain federal environmental actions may impact the states participating in the calls. From time to time, fellows from the NYU School of Law's State Energy & Environmental Impact Center participate on the calls. The fellows' involvement is limited to providing an update on certain federal environmental activities. Once they have completed the update, the fellows drop off the calls, and the states' attorneys deliberate among themselves. DEP Office of Chief Counsel has never been in direct contact with the fellows or the university for one-on-one discussions of any kind, and DEP is not a party to any agreement that involves the NYU center.

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Rep. McCarter

▶ How many inspectors and air quality monitors does DEP have monitoring methane?

Air Quality Field Operation Inspection Staff (inspection staff cover all air pollutant sources, not just methane)

Regions	Filled	Vacancies
South East	14	7* - 1 posted
Northeast	11	3 - 1 posted
Southcentral	11	3*
Northcentral	7	
Southwest	11	2-1 Posted
Northwest	12	

*SERO and SCRO - No significant shale natural gas drilling, compression and processing activities at these regions.

During inspections all DEP staff look for methane leaks using audible, visual, and olfactory observations. The Air Quality Inspectors also use six (6) forward looking infrared (FLIR) cameras to detect leaks. These same inspectors check for the facilities' compliance with leak detection and repair (LDAR) requirements found in AQ Permit Exemption 38 and General Permit 5 (applicable to Mid-stream gas gathering and processing) and General Permit 5A for Well sites. These authorizations also require facilities to regularly inspect components for leaks and fix them expeditiously as practicable. The regional field staff also review the Compliance Demonstration Reports, Compliance Certifications, including LDAR inspection results, required by the authorizations.

DEP does not directly measure methane in the air through ambient monitoring stations. DEP used a continuous methane analyzer system during its unconventional gas sector long term monitoring project, but the data gathered using the system was unreliable. DEP continues to evaluate new technological advances in this area.

Rep. Comitta

I want to thank Governor Wolf and you for taking the actions you have to address climate change so far, because I think not acting on this critical issue will have severe consequences on our economy, the environment and our children's future.

As part of those efforts, I understand DEP will shortly be issuing its latest update to Pennsylvania' Climate Action Plan. If the draft is any indication of the scope of what you intend to recommend, we have a big job ahead of us.

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The draft recommended things like dramatically expanding the renewables goals in the Alternative Energy Portfolio Standards, expanding the Act 129 Energy Use Reduction Program for electric utilities and including natural gas for the first time, providing incentives for electric vehicle use and more.

No one wants to see these recommendations get dusty on a shelf. What next steps do you plan to take to help develop a consensus around how to implement the most important of the Plan's recommendations?

In addition to contributing fully to responding to the Governor's 2019-1 Executive Order to Lead by Example: *Commonwealth Leadership in Addressing Climate Change and Promoting Energy Conservation and Sustainable Governance*, DEP will be providing advice and assistance to the GreenGov Council on conservation, sustainability and efficiency strategies.

With respect to next steps for the implementation of the Climate Action Plan, DEP intends to help Pennsylvanians, local governments, companies, non-profits and other interested parties to assess how they can contribute towards the climate goal by choosing to implement the best fit actions described in the report. Most importantly the Climate Action Plan will be the baseline information used to motivate and enable Pennsylvanians to assess actions. We will look to help Pennsylvanians evaluate and possibly further develop information such as "what are the opportunities for largest energy and cost savings across and within sectors for me, or my operations?" "How can I utilize goal setting and comprehensive planning to identify sectors with the largest opportunities to meet climate goals including near-term and long-term implementation strategies?"

Our key focus of assistance will be:

- Identifying infrastructure for resiliency planning
 - 1) Estimating potential impact of planning for community segments
- Energy Efficiency/Buildings
 - 1) Tracking energy use
 - 2) Assessing EE potential
- Transportation
 - 1) Estimating impacts of various levels of alt. fuel vehicle adoption, including electrification
 - 2) Expanding and incentivizing use of public transit
- Energy Supply
 - 1) Identifying how much local, cost-effective renewable energy generation will/can be available at different geographic scales

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I want to thank you for the action you took last week to stop the review of permits for the Mariner East II and other Energy Transfer/Sunoco pipeline projects until they come into compliance with orders you have issued them.

At the same time, Governor Wolf has called on the General Assembly to fill gaps in the way the state regulates pipelines, including their routes.

While I think even stronger action is needed, what specific legislative initiatives are you supporting or legislative proposals would you support to deal with the very real pipeline safety and routing issues we are all very concerned about?

We support legislation to provide the Public Utility Commission with the authority to regulate siting and routing of intrastate pipelines; legislation requiring pipeline operators to provide more information to schools located within 1,000 feet of a pipeline, including how to respond to leaks; legislation requiring public utility facilities transporting natural gas or natural gas liquids to work with county emergency coordinators on response to releases and emergency response; and legislation mandating the installation and use of automatic or remote shutoff valves in high consequence areas.

Last summer my district and areas all across the state experienced heavy rains that caused flooding from streams at levels many have never seen in the past. There are ways of helping to reduce flood damage and pollution from storm water like installing green infrastructure and retrofitting existing storm water facilities, but what my communities lack is state help paying for these projects. What new funding is included in the budget to help communities deal with the damage and the water pollution caused by storm water and flooding?

There is \$14.974 million in the FY2019-20 budget for PENNVEST related to storm water, water and sewer grants. Governor Wolf's proposed Restore Pennsylvania initiative, while separate from the budget, would provide much-needed funding to assist with storm water and flooding remediation.

DEP has been cited by US EPA for "severe understaffing" of a number of its programs that protect Pennsylvanians' health for several years running, including the current fiscal year, yet DEP's authorized complement in the Governor's proposed budget is unchanged it remains at 2,509. For comparison, the total staff complement in the department was 3,079 in 2008. How can the agency possibly meet the minimum requirements of its mission with this continued severe understaffing?

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Following years of budget cuts and concomitant staffing reductions, DEP has received letters from the Federal Government regarding staff and inspection levels on several programs in recent years, including letters from EPA about DEP's bureaus of Air Quality and Safe Drinking Water (the latter being addressed in the next question), and from the US Office of Surface Mining Reclamation and Enforcement (OSMRE).

Air Quality

DEP maintains a network of 70 ambient air quality monitoring stations across the Commonwealth. In June of 2018, EPA conducted a Technical Systems Audit of DEP's ambient air monitoring program and found "BAQ's [Bureau of Air Quality's] air monitoring network is severely understaffed." At the time of the EPA audit, there were 25 ambient air monitoring program staff with seven vacancies (these are not inspectors and counted above). DEP authorized five (5) addition ambient air monitoring positions for FY 18/19. Two (2) of those positions have been filled with the remaining three (3) in the process of being filled. DEP believes that 30 positions is sufficient to operate the existing ambient air monitoring network.

OSMRE

OSMRE cited DEP for not meeting our inspection frequencies. We entered into a two-year action plan with OSMRE and received a letter in September 2018 acknowledging that DEP now meets inspection frequencies, increasing overall compliance with required inspection frequencies from 66.72 percent in 2014 to 92.45 percent in 2018. Part of the solution was staffing - DEP worked to fill vacancies – and part of it involved leveraging technology, specifically the implementation of an aerial inspection program.

DEP is using the resources at its disposal and leveraging technology to ensure that it continues to realize its mission to protect the environment and public health and safety. Investments in information technology modernization – especially through the ePermitting and eInspections initiatives, along with digitization efforts – have allowed the Department to increase efficiency and responsiveness. Furthermore, the dedication and professionalism of DEP's staff remains central to our continued ability to meet the demands of our important mission.

The operating budget for the Safe Drinking Water Program, which has been continually cited by US EPA for severe understaffing, including the current fiscal year, is flat-lined in the Governor's proposed budget. No new positions are called for. How can DEP assure our citizens that the Commonwealth is protecting their drinking water?

DEP received a letter from EPA in 2016 citing concerns about understaffing and sanitarian workload. Since that time, the Department developed and is implementing a plan to address the concerns, including a rulemaking to update fees to address the funding gap and an interim plan to hire additional sanitarians. We continue to provide EPA with regular updates on our progress.

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As a result of the Final General Update (to Chapter 109) and Fees Rulemaking (published on August 18, 2018), DEP amended the existing permit fees and added a new annual fee to supplement Commonwealth costs and fill a \$7.5 million funding gap. Ahead of the final rulemaking, DEP received approval to hire 33 new staff to restore staffing levels. The 33 positions include: 17 sanitarians (field inspectors), 5 engineers, 2 geologists, 4 filter plant/compliance specialists, and 5 other positions to fill in gaps. DEP also received approval to use waivered funds to begin the hiring process in 2018. Nearly all of the positions have been filled. Beginning in 2019, these positions are being funded through the new fees (being deposited into the Safe Drinking Water Fund).

Regarding how DEP is assuring our citizens that drinking water is being protected, 28 of the 33 positions (85 percent) are field positions to ensure sufficient staffing levels to properly administer the Safe Drinking Water Act and regulations. DEP Central Office staff have been diligently and expeditiously developing and delivering training to the new staff to gct them trained as soon as possible. The new staff are also working their way through the Safe Drinking Water training plan to ensure completion of additional on-line, classroom, and on-the-job training.

Attached:

- List of Environmental Justice Areas
- DRBC Contribution History
- SRBC FY2020 Budget
- HAGS Sampling Data

GEOGRAPHY	POVERTY_PC	NON_WHITE_PC	TOTAL_POPULATION
ensus Tract 9801.01, Union County, Pennsylvania	0	78	3392
nsus Tract 9503, Huntingdon County, Pennsylvania	11	30	8051
nsus Tract 1011, Bucks County, Pennsylvania	18	31	2785
nsus Tract 4.01, Lebanon County, Pennsylvania	43	57	4727
nsus Tract 9808, Union County, Pennsylvania	21	17	3476
nsus Tract 9602, Mifflin County, Pennsylvania	22	2	4073
nsus Tract 8052, Westmoreland County, Pennsylvania	25	23	2146
nsus Tract 4, Lehigh County, Pennsylvania	25	60	3793
nsus Tract 19, Lehigh County, Pennsylvania	17	54	4501
nsus Tract 57.03, Lehigh County, Pennsylvania	11	46	3702
nsus Tract 22.02, Lehigh County, Pennsylvania	30	25	4342
nsus Tract 4018, Delaware County, Pennsylvania	10	70	4184
nsus Tract 4019, Delaware County, Pennsylvania	7	51	4219
nsus Tract 4003.01, Delaware County, Pennsylvania	29	91	5948
nsus Tract 4004.02, Delaware County, Pennsylvania	20	82	4431
nsus Tract 6021, Beaver County, Pennsylvania	24	22	3610
nsus Tract 9, Lehigh County, Pennsylvania	38	83	1498
nsus Tract 4008.01, Delaware County, Pennsylvania	17	91	2318
nsus Tract 315.01, Adams County, Pennsylvania	30	16	3401
nsus Tract 4007, Delaware County, Pennsylvania	28	75	6204
nsus Tract 4007, Delaware County, Pennsylvania	13	40	3770
nsus Tract 4050.02, Delaware County, Pennsylvania	39	87	2102
nsus Tract 4034.01, Delaware County, Pennsylvania	18	47	2788
nsus Tract 4.02, Lebanon County, Pennsylvania	23	46	3938
nsus Tract 4064.02, Delaware County, Pennsylvania	43	88	1361
nsus Tract 1003, Blair County, Pennsylvania	26	5	2817
	25	14	3861
nsus Tract 1005, Blair County, Pennsylvania	50	52	3681
nsus Tract 4047, Delaware County, Pennsylvania	52	15	2626
nsus Tract 1007, Blair County, Pennsylvania	21	19	3460
nsus Tract 6054, Beaver County, Pennsylvania		38	2344
nsus Tract 6057, Beaver County, Pennsylvania	36		5796
nsus Tract 4021, Delaware County, Pennsylvania	9	94	
nsus Tract 220, Dauphin County, Pennsylvania	12	58	5335
nsus Tract 907, Union County, Pennsylvania	27	12	4191
nsus Tract 9805.01, Union County, Pennsylvania	0	74	1757
nsus Tract 4026, Delaware County, Pennsylvania	28	78	3933
nsus Tract 6011, Beaver County, Pennsylvania	32	12	3242
nsus Tract 6012, Beaver County, Pennsylvania	31	39	2935
nsus Tract 6013, Beaver County, Pennsylvania	32	28	2591
nsus Tract 4006, Delaware County, Pennsylvania	11	45	4959
nsus Tract 4016, Delaware County, Pennsylvania	4	37	1697
nsus Tract 4013.01, Delaware County, Pennsylvania	11	49	2348
nsus Tract 4044, Delaware County, Pennsylvania	24	66	1657
nsus Tract 9607, Mifflin County, Pennsylvania	22	8	2329
nsus Tract 9608, Mifflin County, Pennsylvania	29	9	3616
nsus Tract 1011, Allegheny County, Pennsylvania	22	20	2754
nsus Tract 1005, Allegheny County, Pennsylvania	25	72	2256
nsus Tract 1.01, Lehigh County, Pennsylvania	17	43	3357
nsus Tract 4052, Delaware County, Pennsylvania	42	96	3451
nsus Tract 6047, Beaver County, Pennsylvania	22	25	1506
nsus Tract 6040, Beaver County, Pennsylvania	22	31	2642
nsus Tract 6042, Beaver County, Pennsylvania	21	24	1510

Census Tract 21, Lehigh County, Pennsylvania	34	61	6304
Census Tract 1115, Crawford County, Pennsylvania	22	9	5206
Census Tract 1116, Crawford County, Pennsylvania	37	15	3979
Census Tract 1111, Crawford County, Pennsylvania	40	7	3051
Census Tract 1112, Crawford County, Pennsylvania	21	4	2387
Census Tract 101.02, Blair County, Pennsylvania	25	2	2954
Census Tract 224.03, Dauphin County, Pennsylvania	12	30	6034
Census Tract 213, Dauphin County, Pennsylvania	50	86	6003
Census Tract 131, Philadelphia County, Pennsylvania	25	77	1492
Census Tract 132, Philadelphia County, Pennsylvania	33	90	2905
Census Tract 133, Philadelphia County, Pennsylvania	36	61	3546
Census Tract 135, Philadelphia County, Pennsylvania	17	49	3658
Census Tract 137, Philadelphia County, Pennsylvania	30	77	4863
Census Tract 170, Philadelphia County, Pennsylvania	26	82	3086
Census Tract 171, Philadelphia County, Pennsylvania	24	100	4269
Census Tract 173, Philadelphia County, Pennsylvania	40	97	3202
Census Tract 174, Philadelphia County, Pennsylvania	53	99	2118
Census Tract 175, Philadelphia County, Pennsylvania	63	99	7097
Census Tract 178, Philadelphia County, Pennsylvania	56	75	5725
Census Tract 36, Lebanon County, Pennsylvania	19	35	3413
Census Tract 241.01, Dauphin County, Pennsylvania	24	35	1865
Census Tract 215, Dauphin County, Pennsylvania	24	85	3767
Census Tract 211, Dauphin County, Pennsylvania	32	91	2709
Census Tract 4027, Delaware County, Pennsylvania	19	81	2559
Census Tract 4003.02, Delaware County, Pennsylvania	17	77	3682
Census Tract 4034.02, Delaware County, Pennsylvania	22	41	3842
Census Tract 4004.01, Delaware County, Pennsylvania	24	84	4946
Census Tract 214, Dauphin County, Pennsylvania	55	91	5091
Census Tract 201, Dauphin County, Pennsylvania	28	45	3170
Census Tract 3010.01, Monroe County, Pennsylvania	12	43	11650
Census Tract 4017, Delaware County, Pennsylvania	11	68	2672
Census Tract 315.02, Adams County, Pennsylvania	23	31	4214
Census Tract 7041, Washington County, Pennsylvania	48	35	1740
Census Tract 7543, Washington County, Pennsylvania	21	29	2934
Census Tract 1004, Lackawanna County, Pennsylvania	29	36	1870
Census Tract 1107, Lackawanna County, Pennsylvania	30	4	2541
Census Tract 4031.04, Delaware County, Pennsylvania	33	65	2507
Census Tract 4033, Delaware County, Pennsylvania	13	32	6658
Census Tract 1108, Lackawanna County, Pennsylvania	20	9	3153
Census Tract 301, Clinton County, Pennsylvania	22	4	2960
Census Tract 15.01, Lehigh County, Pennsylvania	26	66	6878
Census Tract 1.02, Lehigh County, Pennsylvania	10	49	4409
Census Tract 239, Philadelphia County, Pennsylvania	34	74	1363
Census Tract 240, Philadelphia County, Pennsylvania	32	67	3815
Census Tract 257, Philadelphia County, Pennsylvania	9	49	3464
Census Tract 235, Philadelphia County, Pennsylvania	8	42	1318
Census Tract 258, Philadelphia County, Pennsylvania	4	98	1693
Census Tract 259, Philadelphia County, Pennsylvania	14	99	4830
Census Tract 260, Philadelphia County, Pennsylvania	16	96	3096
Census Tract 261, Philadelphia County, Pennsylvania	12	99	3207
Census Tract 262, Philadelphia County, Pennsylvania	10	99	4449
Census Tract 263.02, Philadelphia County, Pennsylvania	19	99	5537
Census Tract 264, Philadelphia County, Pennsylvania	15	100	5753
	27.00		0.00

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Census Tract 265, Philadelphia County, Pennsylvania	23	99	5229
Census Tract 266, Philadelphia County, Pennsylvania	16	100	6855 6722
Census Tract 267, Philadelphia County, Pennsylvania	22	97	4059
Census Tract 14, York County, Pennsylvania	22	41	5337
Census Tract 5301, Forest County, Pennsylvania	13	50	1866
Census Tract 203, Dauphin County, Pennsylvania	34	56	
Census Tract 207, Dauphin County, Pennsylvania	37	93	2642
Census Tract 223, Dauphin County, Pennsylvania	6	31	5931
Census Tract 8054, Westmoreland County, Pennsylvania	40	38	1684
Census Tract 268, Philadelphia County, Pennsylvania	20	96	4949
Census Tract 299, Philadelphia County, Pennsylvania	43	81	3957
Census Tract 300, Philadelphia County, Pennsylvania	34	88	7171
Census Tract 301, Philadelphia County, Pennsylvania	32	66	4899
Census Tract 511, Columbia County, Pennsylvania	44	19	6789
Census Tract 512, Columbia County, Pennsylvania	36	5	5019
Census Tract 179, Philadelphia County, Pennsylvania	36	64	6885
Census Tract 188, Philadelphia County, Pennsylvania	57	75	9146
Census Tract 218, Philadelphia County, Pennsylvania	25	36	4164
Census Tract 302, Philadelphia County, Pennsylvania	30	87	6800
Census Tract 306, Philadelphia County, Pennsylvania	16	60	8519
Census Tract 307, Philadelphia County, Pennsylvania	22	52	4158
Census Tract 308, Philadelphia County, Pennsylvania	11	55	4570
Census Tract 309, Philadelphia County, Pennsylvania	28	81	4507
Census Tract 310, Philadelphia County, Pennsylvania	19	62	8413
Census Tract 312, Philadelphia County, Pennsylvania	27	87	5081
Census Tract 313, Philadelphia County, Pennsylvania	30	70	6222
Census Tract 316, Philadelphia County, Pennsylvania	17	39	5854
Census Tract 317, Philadelphia County, Pennsylvania	13	60	6314
Census Tract 347.01, Philadelphia County, Pennsylvania	13	35	6515
Census Tract 348.02, Philadelphia County, Pennsylvania	16	41	5423
Census Tract 349, Philadelphia County, Pennsylvania	17	38	5508
Census Tract 3014.01, Monroe County, Pennsylvania	9	46	4275
Census Tract 250, Dauphin County, Pennsylvania	21	6	2817
Census Tract 209, Dauphin County, Pennsylvania	31	73	3727
Census Tract 132.02, Lancaster County, Pennsylvania	15	32	5991
Census Tract 329.02, Susquehanna County, Pennsylvania	20	5	2162
Census Tract 2007.07, Montgomery County, Pennsylvania	8	39	3982
Census Tract 2067.02, Montgomery County, Pennsylvania	0	72	3160
Census Tract 3003.12, Monroe County, Pennsylvania	27	31	1600
Census Tract 8007, Westmoreland County, Pennsylvania	50	31	2209
Census Tract 506, Columbia County, Pennsylvania	21	8	5401
Census Tract 507, Columbia County, Pennsylvania	22	7	4927
Census Tract 263.01, Philadelphia County, Pennsylvania	18	99	4270
Census Tract 8.04, Philadelphia County, Pennsylvania	6	33	3746
Census Tract 30.02, Philadelphia County, Pennsylvania	22	81	3122
Census Tract 30.01, Philadelphia County, Pennsylvania	24	74	4416
Census Tract 28.02, Philadelphia County, Pennsylvania	6	34	5803
Census Tract 27.01, Philadelphia County, Pennsylvania	25	69	4372
Census Tract 337.02, Philadelphia County, Pennsylvania	7	37	5107
Census Tract 3003.07, Monroe County, Pennsylvania	13	64	6916
Census Tract 3003.09, Monroe County, Pennsylvania	11	48	5083
Census Tract 206, Dauphin County, Pennsylvania	25	75	1241
Census Tract 205, Dauphin County, Pennsylvania	21	52	3509

Census Tract 3316, Clearfield County, Pennsylvania	20	1	2319
Census Tract 236, Philadelphia County, Pennsylvania	12	33	2731
Census Tract 237, Philadelphia County, Pennsylvania	10	73	4738
Census Tract 238, Philadelphia County, Pennsylvania	16	76	4392
Census Tract 2009, Venango County, Pennsylvania	41	4	2580
Census Tract 2003, Venango County, Pennsylvania	25	8	1726
Census Tract 2006.02, Montgomery County, Pennsylvania	7	40	8580
Census Tract 110, Northampton County, Pennsylvania	50	60	3238
Census Tract 5512, Allegheny County, Pennsylvania	40	40	3677
Census Tract 5509, Allegheny County, Pennsylvania	37	56	1740
Census Tract 2619, Fayette County, Pennsylvania	32	17	3680
Census Tract 2633, Fayette County, Pennsylvania	20	7	
Census Tract 2604.01, Fayette County, Pennsylvania	20	1	1733
Census Tract 2614.02, Fayette County, Pennsylvania	29		2407
Census Tract 2614.01, Fayette County, Pennsylvania	33	22	2754
Census Tract 143, Northampton County, Pennsylvania		12	2749
Census Tract 3054, Chester County, Pennsylvania	38	64	4228
Census Tract 122.04, Philadelphia County, Pennsylvania	37	63	4054
Census Tract 122.03, Philadelphia County, Pennsylvania	22	78	3405
Census Tract 345.01, Philadelphia County, Pennsylvania	31	57	777
Census Tract 345.02, Philadelphia County, Pennsylvania	29	46	3804
Census Tract 11.02, Philadelphia County, Pennsylvania	11	43	4771
Census Tract 9.02, Philadelphia County, Pennsylvania	21	21	2559
Census Tract 9.01, Philadelphia County, Pennsylvania	23	29	2639
Census Tract 9.01, Philadelphia County, Pennsylvania Census Tract 172.01, Philadelphia County, Pennsylvania	23	36	2081
Census Tract 172.01, Philadelphia County, Pennsylvania	46	98	3516
Census Tract 772.02, Philadelphia County, Pennsylvania Census Tract 274.01, Philadelphia County, Pennsylvania	45	99	3374
Census Tract 274.01, Finiadelphia County, Pennsylvania Census Tract 9506, Tioga County, Pennsylvania	17	91	3262
Census Tract 2330, Huga County, Pennsylvania Census Tract 2132, Luzerne County, Pennsylvania	20	7	5563
Census Tract 2132, Euzerne County, Pennsylvania	29	15	4773
Census Tract 2136, Luzerne County, Pennsylvania Census Tract 2136, Luzerne County, Pennsylvania	27	12	1803
	27	9	1950
Census Tract 2009.08, Montgomery County, Pennsylvania	7	32	2167
Census Tract 5617, Allegheny County, Pennsylvania	19	49	868
Census Tract 5520, Allegheny County, Pennsylvania	22	54	2697
Census Tract 5519, Allegheny County, Pennsylvania	60	47	1614
Census Tract 2113.01, Luzerne County, Pennsylvania	4	35	4632
Census Tract 1606, Clarion County, Pennsylvania	33	8	5298
Census Tract 113, Northampton County, Pennsylvania	27	59	4419
Census Tract 178, Northampton County, Pennsylvania	7	41	2618
Census Tract 2174, Luzerne County, Pennsylvania	45	61	1552
Census Tract 372, Philadelphia County, Pennsylvania	16	34	4564
Census Tract 383, Philadelphia County, Pennsylvania	57	92	3972
Census Tract 390, Philadelphia County, Pennsylvania	38	89	8258
Census Tract 378, Philadelphia County, Pennsylvania	26	19	2242
Census Tract 377, Philadelphia County, Pennsylvania	46	70	5338
Census Tract 112, Franklin County, Pennsylvania	31	30	2939
Census Tract 9510, Armstrong County, Pennsylvania	24	8	2928
Census Tract 3003.08, Monroe County, Pennsylvania	14	60	2907
Census Tract 3003.05, Monroe County, Pennsylvania	19	53	7350
Census Tract 241.02, Dauphin County, Pennsylvania	32	25	5247
Census Tract 7, Erie County, Pennsylvania	43	53	2941
Census Tract 9801.09, Erie County, Pennsylvania	0	54	2295
Census Tract 16, York County, Pennsylvania	45	54	1574

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Census Tract 146, Northampton County, Pennsylvania	23	54	3452
Census Tract 2008, Luzerne County, Pennsylvania	29	49 27	4861
Census Tract 9, Erie County, Pennsylvania	30 40	38	2861
Census Tract 5, Erie County, Pennsylvania	40	44	3857
Census Tract 6, Erie County, Pennsylvania	10	36	7239
Census Tract 3114.01, Chester County, Pennsylvania		30	8532
Census Tract 3045.01, Chester County, Pennsylvania	1	88	3521
Census Tract 2039.01, Montgomery County, Pennsylvania	26	35	2647
Census Tract 2014.07, Montgomery County, Pennsylvania	5 33	100	4470
Census Tract 83.02, Philadelphia County, Pennsylvania	65	93	4320
Census Tract 176.02, Philadelphia County, Pennsylvania	28	47	2836
Census Tract 4.01, Philadelphia County, Pennsylvania	37	57	2551
Census Tract 5, York County, Pennsylvania	49	81	2977
Census Tract 7, York County, Pennsylvania		79	1819
Census Tract 10, York County, Pennsylvania	47	66	3774
Census Tract 11, York County, Pennsylvania	29	69	3872
Census Tract 12, York County, Pennsylvania	57	58	2502
Census Tract 8, Erie County, Pennsylvania	55	20	3752
Census Tract 10, Erie County, Pennsylvania	29	20	2967
Census Tract 11, Erie County, Pennsylvania	28	44	2001
Census Tract 12, Erie County, Pennsylvania	42 57	14	5380
Census Tract 131.02, Cumberland County, Pennsylvania	13	43	5053
Census Tract 3079, Chester County, Pennsylvania	13	61	4140
Census Tract 3034.01, Chester County, Pennsylvania	26	56	2782
Census Tract 208, Dauphin County, Pennsylvania	20	50	8399
Census Tract 229, Dauphin County, Pennsylvania	28	53	2983
Census Tract 222, Dauphin County, Pennsylvania	28	42	6239
Census Tract 3002.02, Monroe County, Pennsylvania	37	99	3908
Census Tract 201.01, Philadelphia County, Pennsylvania	35	100	3259
Census Tract 201.02, Philadelphia County, Pennsylvania	27	81	5479
Census Tract 311.01, Philadelphia County, Pennsylvania	30	30	8673
Census Tract 113, Centre County, Pennsylvania	26	48	5665
Census Tract 142, Northampton County, Pennsylvania	9	46	2699
Census Tract 147, Northampton County, Pennsylvania	33	33	2342
Census Tract 144, Northampton County, Pennsylvania	19	63	3076
Census Tract 145, Northampton County, Pennsylvania	13	50	3137
Census Tract 13, York County, Pennsylvania	25	6	4109
Census Tract 9706, Greene County, Pennsylvania	58	17	5878
Census Tract 120, Centre County, Pennsylvania	77	25	6492
Census Tract 121, Centre County, Pennsylvania	20	24	5247
Census Tract 122, Centre County, Pennsylvania	19	38	3880
Census Tract 2089.06, Montgomery County, Pennsylvania	22	4	2056
Census Tract 9518, Armstrong County, Pennsylvania	23	4	3947
Census Tract 9511, Armstrong County, Pennsylvania	23	4	3149
Census Tract 2142, Luzerne County, Pennsylvania	27	27	1716
Census Tract 237, Dauphin County, Pennsylvania	18	78	4131
Census Tract 318, Philadelphia County, Pennsylvania	24	59	4359
Census Tract 319, Philadelphia County, Pennsylvania	8	34	10095
Census Tract 101.10, York County, Pennsylvania	24	31	2394
Census Tract 25, Erie County, Pennsylvania	24	56	4172
Census Tract 321, Philadelphia County, Pennsylvania	17	42	3163
Census Tract 323, Philadelphia County, Pennsylvania	27	43	6047
Census Tract 325, Philadelphia County, Pennsylvania	21		

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Census Tract 326, Philadelphia County, Pennsylvania	23	39	6363
Census Tract 9891, Philadelphia County, Pennsylvania	61	86	3145
Census Tract 329, Philadelphia County, Pennsylvania	26	40	3264
Census Tract 213, York County, Pennsylvania	19	33	4583
Census Tract 1, York County, Pennsylvania	45	52	1206
Census Tract 15, York County, Pennsylvania	49	69	3501
Census Tract 204, Dauphin County, Pennsylvania	25	49	1813
Census Tract 4, York County, Pennsylvania	22	42	2364
Census Tract 8, York County, Pennsylvania	18	53	2101
Census Tract 235, Dauphin County, Pennsylvania	16	32	2249
Census Tract 216, Dauphin County, Pennsylvania	20	89	2893
Census Tract 212, Dauphin County, Pennsylvania	36	92	2161
Census Tract 311.02, Philadelphia County, Pennsylvania	15	88	3997
Census Tract 195.02, Philadelphia County, Pennsylvania	56	87	3266
Census Tract 195.01, Philadelphia County, Pennsylvania	59	96	4697
Census Tract 289.01, Philadelphia County, Pennsylvania	40	90	4417
Census Tract 289.02, Philadelphia County, Pennsylvania	43	92	6923
Census Tract 2144, Luzerne County, Pennsylvania	26	7	1852
Census Tract 821, Northumberland County, Pennsylvania	33	22	2853
Census Tract 107, Northampton County, Pennsylvania	11	34	5539
Census Tract 106, Northampton County, Pennsylvania	9	35	7567
Census Tract 109, Northampton County, Pennsylvania	19	63	3297
Census Tract 105, Northampton County, Pennsylvania	41	77	4132
Census Tract 101, Franklin County, Pennsylvania	20	1	
Census Tract 363.02, Philadelphia County, Pennsylvania	14	39	4492
Census Tract 369, Philadelphia County, Pennsylvania	36	46	3597
Census Tract 9705.01, Greene County, Pennsylvania	5	40	5139
Census Tract 16, Erie County, Pennsylvania	14	38	5199
Census Tract 13, Erie County, Pennsylvania	59	30 77	4393
Census Tract 14, Erie County, Pennsylvania	42		1795
Census Tract 15, Erie County, Pennsylvania		46	1793
Census Tract 2, York County, Pennsylvania	62	75	2790
Census Tract 3, York County, Pennsylvania	42	65	2587
Census Tract 219.03, Dauphin County, Pennsylvania	43	66	2109
Census Tract 226.05, Dauphin County, Pennsylvania	4	43	3522
Census Tract 3024, Chester County, Pennsylvania	5	38	4330
Census Tract 3026, Chester County, Pennsylvania	19	39	3865
Census Tract 3104, Chester County, Pennsylvania	48	37	4868
Census Tract 228, Dauphin County, Pennsylvania	57	26	3336
Census Tract 220, Dauphin County, Pennsylvania Census Tract 86.02, Philadelphia County, Pennsylvania	5	30	5408
Census Tract 375, Philadelphia County, Pennsylvania	39	83	2840
Census Tract 3065.03, Chester County, Pennsylvania	28	50	4241
Census Tract 3065.04, Chester County, Pennsylvania	14	53	2607
	7	34	5102
Census Tract 109, Franklin County, Pennsylvania	16	34	4431
Census Tract 211, Somerset County, Pennsylvania	38	5	2018
Census Tract 110, Franklin County, Pennsylvania	37	49	5622
Census Tract 4202, McKean County, Pennsylvania	46	2	3176
Census Tract 28, Schuylkill County, Pennsylvania	30	7	2222
Census Tract 2036.01, Montgomery County, Pennsylvania	34	80	2938
Census Tract 8041, Westmoreland County, Pennsylvania	36	18	2407
Census Tract 101, Northampton County, Pennsylvania	5	35	3921
Census Tract 330, Philadelphia County, Pennsylvania	36	27	7224
Census Tract 320, Philadelphia County, Pennsylvania	11	36	6652

Census Tract 360, Philadelphia County, Pennsylvania	12	46	3118
Census Tract 269, Philadelphia County, Pennsylvania	15	84	2229
Census Tract 270, Philadelphia County, Pennsylvania	17	89	2818
Census Tract 271, Philadelphia County, Pennsylvania	29	96	2938
Census Tract 272, Philadelphia County, Pennsylvania	14	94	4920
Census Tract 273, Philadelphia County, Pennsylvania	15	96	7439
Census Tract 275, Philadelphia County, Pennsylvania	29	93	5147
Census Tract 276, Philadelphia County, Pennsylvania	29	98	3547
Census Tract 277, Philadelphia County, Pennsylvania	28	97	5126
Census Tract 278, Philadelphia County, Pennsylvania	31	98	4836
Census Tract 280, Philadelphia County, Pennsylvania	36	99	4141
Census Tract 281, Philadelphia County, Pennsylvania	34	95	4124
Census Tract 282, Philadelphia County, Pennsylvania	27	97	5236
Census Tract 219.04, Dauphin County, Pennsylvania	4	44	5213
Census Tract 226.06, Dauphin County, Pennsylvania	13	50	3024
Census Tract 2143, Luzerne County, Pennsylvania	24	5	1864
Census Tract 112, Northampton County, Pennsylvania	40	75	5857
Census Tract 111, Northampton County, Pennsylvania	33	27	3240
Census Tract 119, Erie County, Pennsylvania	24	6	6509
Census Tract 119, Life County, Fennsylvania Census Tract 2007.03, Montgomery County, Pennsylvania	6	32	4262
Census Tract 2007.03, Montgomery County, Pennsylvania	6	32	1688
	8	59	6266
Census Tract 2035, Montgomery County, Pennsylvania	9	54	2727
Census Tract 2058.01, Montgomery County, Pennsylvania	21	22	2185
Census Tract 2092.02, Montgomery County, Pennsylvania	33	63	2877
Census Tract 17, Erie County, Pennsylvania	38	72	2133
Census Tract 18, Erie County, Pennsylvania	39	21	1911
Census Tract 19, Erie County, Pennsylvania	21	20	3006
Census Tract 20, Erie County, Pennsylvania		4	3230
Census Tract 810, Northumberland County, Pennsylvania	22	3	2721
Census Tract 816, Northumberland County, Pennsylvania	26	5	2158
Census Tract 817, Northumberland County, Pennsylvania	24	7	3291
Census Tract 820, Northumberland County, Pennsylvania	21		2806
Census Tract 23, Erie County, Pennsylvania	27	17 7	2069
Census Tract 9610, Indiana County, Pennsylvania	31		3524
Census Tract 315.02, Philadelphia County, Pennsylvania	19	30	6941
Census Tract 314.01, Philadelphia County, Pennsylvania	23	75	5685
Census Tract 314.02, Philadelphia County, Pennsylvania	26	64 ^{or}	
Census Tract 167.01, Philadelphia County, Pennsylvania	45	99	3021
Census Tract 167.02, Philadelphia County, Pennsylvania	43	90	3129
Census Tract 279.01, Philadelphia County, Pennsylvania	48	99	4514
Census Tract 279.02, Philadelphia County, Pennsylvania	39	66	4638
Census Tract 81.01, Philadelphia County, Pennsylvania	44	100	2632
Census Tract 71.02, Philadelphia County, Pennsylvania	44	99	4815
Census Tract 88.02, Philadelphia County, Pennsylvania	74	43	6881
Census Tract 87.02, Philadelphia County, Pennsylvania	42	59	3326
Census Tract 87.01, Philadelphia County, Pennsylvania	37	53	5233
Census Tract 81.02, Philadelphia County, Pennsylvania	35	100	5442
Census Tract 5619, Allegheny County, Pennsylvania	31	89	2639
Census Tract 5632, Allegheny County, Pennsylvania	26	33	2300
Census Tract 9818, Allegheny County, Pennsylvania	67	56	311
Census Tract 6, York County, Pennsylvania	31	55	2940
Census Tract 124, Franklin County, Pennsylvania	22	14	2984
Census Tract 1601.02, Clarion County, Pennsylvania	37	7	5159

Census Tract 121, Cumberland County, Pennsylvania	00		
Census Tract 122, Cumberland County, Pennsylvania	20	22	2347
Census Tract 123, Cumberland County, Pennsylvania	27	25	2079
Census Tract 3003.04, Monroe County, Pennsylvania	40	29	2645
Census Tract 3, Lebanon County, Pennsylvania	12	40	6747
Census Tract 5, Lebanon County, Pennsylvania	27	70	4673
Census Tract 306, Clinton County, Pennsylvania	25	35	3706
Census Tract 307, Clinton County, Pennsylvania	41	9	2320
	37	8	7470
Census Tract 291, Philadelphia County, Pennsylvania	40	90	4811
Census Tract 8028, Westmoreland County, Pennsylvania	29	20	2282
Census Tract 8002, Westmoreland County, Pennsylvania	25	36	1534
Census Tract 9, York County, Pennsylvania	55	50	3282
Census Tract 2007, Venango County, Pennsylvania	33	9	1981
Census Tract 122.02, Erie County, Pennsylvania	27	11	6443
Census Tract 1, Erie County, Pennsylvania	64	33	1665
Census Tract 3, Erie County, Pennsylvania	30	26	4191
Census Tract 4, Erie County, Pennsylvania	42	50	2340
Census Tract 108, Northampton County, Pennsylvania	27	18	2275
Census Tract 227.02, Dauphin County, Pennsylvania	12	40	4817
Census Tract 227.01, Dauphin County, Pennsylvania	11	37	3833
Census Tract 4041.02, Delaware County, Pennsylvania	11	32	5476
Census Tract 4046, Delaware County, Pennsylvania	29	88	2321
Census Tract 4063, Delaware County, Pennsylvania	21	51	3234
Census Tract 2001, Luzerne County, Pennsylvania	32	13	2932
Census Tract 6028, Beaver County, Pennsylvania	37	34	2589
Census Tract 3080, Chester County, Pennsylvania	27	36	5163
Census Tract 132, Cumberland County, Pennsylvania	34	15	4449
Census Tract 2002, Luzerne County, Pennsylvania	29	30	3442
Census Tract 2180, Luzerne County, Pennsylvania	28	10	4195
Census Tract 2025, Montgomery County, Pennsylvania	13	74	5482
Census Tract 2036.02, Montgomery County, Pennsylvania	12	58	4078
Census Tract 5615, Allegheny County, Pennsylvania	26	77	3124
Census Tract 5614, Allegheny County, Pennsylvania	18	80	4073
Census Tract 5612, Allegheny County, Pennsylvania	36	93	1302
Census Tract 5611, Allegheny County, Pennsylvania	42	97	898
Census Tract 4023, Delaware County, Pennsylvania	20	99	3408
Census Tract 7, Lehigh County, Pennsylvania	38	86	4452
Census Tract 94, Lehigh County, Pennsylvania	23	42	4564
Census Tract 4015.02, Delaware County, Pennsylvania	12	37	4313
Census Tract 2, Lebanon County, Pennsylvania	26	24	4390
Census Tract 4077, Delaware County, Pennsylvania	8	33	2681
Census Tract 2127, Luzerne County, Pennsylvania	21	18	4695
Census Tract 2176, Luzerne County, Pennsylvania	23	68	3003
Census Tract 2175, Luzerne County, Pennsylvania	32	61	2764
Census Tract 28.01, Philadelphia County, Pennsylvania	24	72	4386
Census Tract 274.02, Philadelphia County, Pennsylvania	20	95	7245
Census Tract 86.01, Philadelphia County, Pennsylvania	20	49	2863
Census Tract 367, Philadelphia County, Pennsylvania	5	31	2747
Census Tract 376, Philadelphia County, Pennsylvania	38	62	2822
Census Tract 3041.01, Chester County, Pennsylvania	6	34	4455
Census Tract 3041.02, Chester County, Pennsylvania	12	30	3475
Census Tract 4064.01, Delaware County, Pennsylvania	24	85	2741
Census Tract 292, Philadelphia County, Pennsylvania	21	85	4061
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Census Tract 293, Philadelphia County, Pennsylvania	52	82	2937
Census Tract 294, Philadelphia County, Pennsylvania	52	82	2882
Census Tract 298, Philadelphia County, Pennsylvania	27	68	4907
Census Tract 334, Philadelphia County, Pennsylvania	21	45	5486
Census Tract 335, Philadelphia County, Pennsylvania	22	54	4055
Census Tract 336, Philadelphia County, Pennsylvania	13	34	7351
Census Tract 338, Philadelphia County, Pennsylvania	9	35	6283
Census Tract 339, Philadelphia County, Pennsylvania	22	32	3483
Census Tract 340, Philadelphia County, Pennsylvania	8	36	2923
Census Tract 180.02, Philadelphia County, Pennsylvania	21	6	5430
Census Tract 88.01, Philadelphia County, Pennsylvania	63	42	2302
Census Tract 8039.02, Westmoreland County, Pennsylvania	22	16	3747
Census Tract 2024.02, Montgomery County, Pennsylvania	7	59	4748
Census Tract 2073, Montgomery County, Pennsylvania	11	32	2668
Census Tract 2088.01, Montgomery County, Pennsylvania	44	42	1262
Census Tract 233, Dauphin County, Pennsylvania	23	63	4215
Census Tract 217, Dauphin County, Pennsylvania	14	68	5858
Census Tract 65, Philadelphia County, Pennsylvania	32	99	4107
Census Tract 66, Philadelphia County, Pennsylvania	41	96	3487
Census Tract 67, Philadelphia County, Pennsylvania	34	88	6777
Census Tract 69, Philadelphia County, Pennsylvania	53	100	2321
Census Tract 70, Philadelphia County, Pennsylvania	36	97	3528
Census Tract 70, Philadelphia County, Pennsylvania	31	98	4335
Census Tract 72, Philadelphia County, Pennsylvania	31	98	2450
Census Tract 74, Philadelphia County, Pennsylvania	39	91	4467
Census Tract 74, Philadelphia County, Pennsylvania	49	52	2047
Census Tract 78, Philadelphia County, Pennsylvania	20	46	4215
Census Tract 115, Philadelphia County, Pennsylvania	18	93	4686
Census Tract 117, Philadelphia County, Pennsylvania	24	50	1820
Census Tract 118, Philadelphia County, Pennsylvania	16	99	5909
Census Tract 119, Philadelphia County, Pennsylvania	31	99	4260
Census Tract 120, Philadelphia County, Pennsylvania	15	61	1883
Census Tract 121, Philadelphia County, Pennsylvania	30	79	2968
Census Tract 1, Lebanon County, Pennsylvania	31	39	4121
	25	33	1850
Census Tract 708, Allegheny County, Pennsylvania Census Tract 705, Allegheny County, Pennsylvania	23	29	3106
	26	35	1514
Census Tract 2206, Allegheny County, Pennsylvania Census Tract 5610, Allegheny County, Pennsylvania	31	83	1431
Census Tract 3070, Allegheny County, Fernsylvania Census Tract 102.03, Cumberland County, Pennsylvania	13	31	3392
Census Tract 6035, Beaver County, Pennsylvania	20	14	1621
	22	79	939
Census Tract 5606, Allegheny County, Pennsylvania	36	24	1551
Census Tract 804, Allegheny County, Pennsylvania	30	47	4488
Census Tract 709, Allegheny County, Pennsylvania Census Tract 8003, Westmoreland County, Pennsylvania	31	21	2387
Census Tract 9810.01, Cumberland County, Pennsylvania	0	64	3638
	28	25	2960
Census Tract 2152, Luzerne County, Pennsylvania	28	7	2471
Census Tract 2141, Luzerne County, Pennsylvania	49	68	3157
Census Tract 122.01, Philadelphia County, Pennsylvania	22	85	2430
Census Tract 98.01, Philadelphia County, Pennsylvania	34	96	2607
Census Tract 71.01, Philadelphia County, Pennsylvania	45	45	2414
Census Tract 2010, Luzerne County, Pennsylvania	20	56	4862
Census Tract 2177, Luzerne County, Pennsylvania	20	24	3381
Census Tract 2007, Luzerne County, Pennsylvania	21		

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Census Tract 4066, Delaware County, Pennsylvania	21	25	2434
Census Tract 2089.04, Montgomery County, Pennsylvania	26	49	3179
Census Tract 364, Philadelphia County, Pennsylvania	50	38	759
Census Tract 366, Philadelphia County, Pennsylvania	5	32	1867
Census Tract 2026.04, Montgomery County, Pennsylvania	8	31	2389
Census Tract 2023.02, Montgomery County, Pennsylvania	5	38	1964
Census Tract 388, Philadelphia County, Pennsylvania	9	40	3767
Census Tract 389, Philadelphia County, Pennsylvania	27	91	3221
Census Tract 9800, Philadelphia County, Pennsylvania	4	42	1248
Census Tract 2003.01, Montgomery County, Pennsylvania	4	31	5737
Census Tract 2032.04, Montgomery County, Pennsylvania	4	33	6753
Census Tract 2022.02, Montgomery County, Pennsylvania	6	72	3207
Census Tract 7752, Washington County, Pennsylvania	28	12	2368
Census Tract 64, Philadelphia County, Pennsylvania	31	91	3443
Census Tract 2170.02, Luzerne County, Pennsylvania	31	29	3053
Census Tract 2005, Luzerne County, Pennsylvania	48	46	2827
Census Tract 2509, Allegheny County, Pennsylvania	27	76	1270
Census Tract 2507, Allegheny County, Pennsylvania	33	78	803
Census Tract 2503, Allegheny County, Pennsylvania	39	59	1378
Census Tract 807, Allegheny County, Pennsylvania	20	43	1840
Census Tract 5, Lehigh County, Pennsylvania	36	81	2568
Census Tract 20, Lehigh County, Pennsylvania	32	67	5094
Census Tract 16, Lehigh County, Pennsylvania	41	87	3513
Census Tract 17, Lehigh County, Pennsylvania	34	85	5179
Census Tract 8, Lehigh County, Pennsylvania	54	89	3928
Census Tract 10, Lehigh County, Pennsylvania	44	90	2946
Census Tract 812, Northumberland County, Pennsylvania	12	38	6598
Census Tract 813, Northumberland County, Pennsylvania	22	11	2232
Census Tract 2179, Luzerne County, Pennsylvania	14	51	4549
Census Tract 2107, Allegheny County, Pennsylvania	17	72	1944
Census Tract 4203, McKean County, Pennsylvania	37	3	2725
Census Tract 4211, McKean County, Pennsylvania	20	6	3531
Census Tract 285, Philadelphia County, Pennsylvania	37	99	2921
Census Tract 286, Philadelphia County, Pennsylvania	25	97	7984
Census Tract 287, Philadelphia County, Pennsylvania	40	98	2527
Census Tract 4105, Delaware County, Pennsylvania	31	89	4965
Census Tract 4107, Delaware County, Pennsylvania	36	85	5373
Census Tract 288, Philadelphia County, Pennsylvania	34	92	4409
Census Tract 290, Philadelphia County, Pennsylvania	36	95	7208
Census Tract 8006, Westmoreland County, Pennsylvania	40	29	2609
Census Tract 2013, Luzerne County, Pennsylvania	26	37	2009
Census Tract 2009, Luzerne County, Pennsylvania	40	46	
Census Tract 1014, Blair County, Pennsylvania	21	5	3169
Census Tract 1016, Blair County, Pennsylvania	47	2	3679
Census Tract 1017, Blair County, Pennsylvania	24	17	3474
Census Tract 4024, Delaware County, Pennsylvania	33		3790
Census Tract 2016.06, Montgomery County, Pennsylvania	11	92	3487
Census Tract 2088.02, Montgomery County, Pennsylvania		51	2489
Census Tract 2013.02, Montgomery County, Pennsylvania	29 11	24	3717
Census Tract 2040.02, Montgomery County, Pennsylvania	13	32	2965
Census Tract 234, Dauphin County, Pennsylvania	29	30	3538
Census Tract 2123, Luzerne County, Pennsylvania	29 20	58	1741
Census Tract 2006, Luzerne County, Pennsylvania	20 23	6	2853
	20	21	2079

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Census Tract 2012, Luzerne County, Pennsylvania	23	37	2318
Census Tract 2011, Luzerne County, Pennsylvania	30	63	1317 1890
Census Tract 7544, Washington County, Pennsylvania	30	22	1249
Census Tract 8040, Westmoreland County, Pennsylvania	43	19	7060
Census Tract 9504, Huntingdon County, Pennsylvania	22	6	2436
Census Tract 9509, Huntingdon County, Pennsylvania	30	18	6062
Census Tract 57.05, Lehigh County, Pennsylvania	9	31	
Census Tract 2178, Luzerne County, Pennsylvania	27	59	3532
Census Tract 815, Northumberland County, Pennsylvania	22	2	2374
Census Tract 2022.01, Montgomery County, Pennsylvania	6	37	4934
Census Tract 2038.03, Montgomery County, Pennsylvania	27	61	5422 3345
Census Tract 2038.04, Montgomery County, Pennsylvania	21	75	
Census Tract 4065, Delaware County, Pennsylvania	21	26	1805
Census Tract 4029, Delaware County, Pennsylvania	23	96	3502
Census Tract 4045, Delaware County, Pennsylvania	27	85	5329
Census Tract 6, Lehigh County, Pennsylvania	18	68	6610
Census Tract 23.02, Lehigh County, Pennsylvania	5	34	3137
Census Tract 4030.02, Delaware County, Pennsylvania	22	7	2675
Census Tract 5626, Allegheny County, Pennsylvania	25	36	2726
Census Tract 116, Blair County, Pennsylvania	21	2	4123
Census Tract 4050, Delaware County, Pennsylvania	35	97	1895
Census Tract 4020, Delaware County, Pennsylvania	22	61	2211
Census Tract 4053, Delaware County, Pennsylvania	36	91	2594
Census Tract 6041, Beaver County, Pennsylvania	20	30	2779
Census Tract 6045, Beaver County, Pennsylvania	38	87	2342
Census Tract 6046, Beaver County, Pennsylvania	23	21	3104
Census Tract 4025, Delaware County, Pennsylvania	36	95	3273
Census Tract 4031.03, Delaware County, Pennsylvania	7	37	2664
Census Tract 4031.01, Delaware County, Pennsylvania	11	40	3615
Census Tract 4028, Delaware County, Pennsylvania	13	73	5693
Census Tract 4868, Allegheny County, Pennsylvania	28	72	1932
Census Tract 5, Cambria County, Pennsylvania	39	29	1616
Census Tract 6, Cambria County, Pennsylvania	37	21	1758
Census Tract 12, Cambria County, Pennsylvania	26	11	3409
Census Tract 68, Lehigh County, Pennsylvania	15	31	4614
Census Tract 1009, Lackawanna County, Pennsylvania	30	18	1439
Census Tract 1011, Lackawanna County, Pennsylvania	20	14	2499
Census Tract 4508, Allegheny County, Pennsylvania	22	30	2586
Census Tract 4270, Allegheny County, Pennsylvania	26	6	3721
Census Tract 1413, Allegheny County, Pennsylvania	24	28	5411
Census Tract 96, Lehigh County, Pennsylvania	37	70	7570
Census Tract 97, Lehigh County, Pennsylvania	44	82	3661 9040
Census Tract 1002.09, Bucks County, Pennsylvania	5	45	
Census Tract 4626, Allegheny County, Pennsylvania	26	32	3509
Census Tract 4644, Allegheny County, Pennsylvania	24	40	3552
Census Tract 2156, Luzerne County, Pennsylvania	23	17	5422 3006
Census Tract 2171, Luzerne County, Pennsylvania	15	50	
Census Tract 7832, Washington County, Pennsylvania	32	6	2559
Census Tract 1002, Lackawanna County, Pennsylvania	33	43	2790
Census Tract 4022, Delaware County, Pennsylvania	10	89	2302
Census Tract 1019, Blair County, Pennsylvania	55	7	1446
Census Tract 2014, Luzerne County, Pennsylvania	26	27	2281 2986
Census Tract 2172, Luzerne County, Pennsylvania	41	71	2900

Census Tract 2003, Luzerne County, Pennsylvania			
	21	30	1944
Census Tract 4705.01, Allegheny County, Pennsylvania	6	44	3529
Census Tract 5624, Allegheny County, Pennsylvania	25	65	2622
Census Tract 1102, Allegheny County, Pennsylvania	12	44	4260
Census Tract 2704, Allegheny County, Pennsylvania	22	44	1034
Census Tract 2703, Allegheny County, Pennsylvania	24	39	2091
Census Tract 7833, Washington County, Pennsylvania	21	2	1503
Census Tract 7957, Washington County, Pennsylvania	22	5	2432
Census Tract 7921, Washington County, Pennsylvania	24	8	3497
Census Tract 4048, Delaware County, Pennsylvania	30	92	2036
Census Tract 4051, Delaware County, Pennsylvania	34	98	2269
Census Tract 4049, Delaware County, Pennsylvania	35	95	1308
Census Tract 2015, Luzerne County, Pennsylvania	21	10	2265
Census Tract 2038.01, Montgomery County, Pennsylvania	25	65	3854
Census Tract 7542, Washington County, Pennsylvania	21	12	2640
Census Tract 7640, Washington County, Pennsylvania	25	6	3295
Census Tract 5094, Allegheny County, Pennsylvania	22	25	5324
Census Tract 1025, Lackawanna County, Pennsylvania	26	34	2956
Census Tract 9609, Mifflin County, Pennsylvania	24	8	2381
Census Tract 4005, Delaware County, Pennsylvania	21	72	4064
Census Tract 1301, Allegheny County, Pennsylvania	51	100	1948
Census Tract 1208, Allegheny County, Pennsylvania	21	85	907
Census Tract 1207, Allegheny County, Pennsylvania	23	99	850
Census Tract 1204, Allegheny County, Pennsylvania	43	95	734
Census Tract 1203, Allegheny County, Pennsylvania	32	97	1785
Census Tract 4012, Allegheny County, Pennsylvania	37	7	3057
Census Tract 1006, Lackawanna County, Pennsylvania	22	42	
Census Tract 1029, Lackawanna County, Pennsylvania	52	42	4718
Census Tract 1030, Lackawanna County, Pennsylvania	18	32	4769
Census Tract 140, Berks County, Pennsylvania	22	12	2070
Census Tract 124, Berks County, Pennsylvania	6	37	5018
Census Tract 125, Berks County, Pennsylvania	12		6685
Census Tract 9504, Bradford County, Pennsylvania	26	31	2031
Census Tract 27, Berks County, Pennsylvania	8	4	3326
Census Tract 5080, Allegheny County, Pennsylvania	32	34	2063
Census Tract 5041, Allegheny County, Pennsylvania	28	33	1766
Census Tract 2814, Allegheny County, Pennsylvania		36	5575
Census Tract 2902, Allegheny County, Pennsylvania	30	47	2519
Census Tract 1115, Allegheny County, Pennsylvania	21	20	4016
Census Tract 1114, Allegheny County, Pennsylvania	32	75	3043
Census Tract 1113, Allegheny County, Pennsylvania	37	89	1437
Census Tract 1020, Lackawanna County, Pennsylvania	19	64	2494
Census Tract 134, Cambria County, Pennsylvania	27	30	2469
Census Tract 135, Cambria County, Pennsylvania	36	26	2339
Census Tract 136, Cambria County, Pennsylvania	37	20	2414
Census Tract 4810, Allegheny County, Pennsylvania	43	29	3641
Census Tract 1405, Allegheny County, Pennsylvania	37	42	3399
Census Tract 26, Berks County, Pennsylvania	15	41	1732
Census Tract 20, Berks County, Pennsylvania Census Tract 4621, Allegheny County, Pennsylvania	64	80	3369
	35	27	2821
Census Tract 14.02, Lehigh County, Pennsylvania	3	36	1921
Census Tract 57.04, Lehigh County, Pennsylvania	15	52	3606
Census Tract 111, Lycoming County, Pennsylvania Census Tract 29, Berks County, Pennsylvania	22	13	5821
Conside Tradit 29, Denks County, FennisyiVania	22	24	3182

Census Tract 1003, Lackawanna County, Pennsylvania	59	23	4673
Census Tract 1005, Lackawainia County, Fennsylvania	80	17	2136
Census Tract 9, Lycoming County, Pennsylvania	30	26	2806
Census Tract 9, Lycoming County, Pennsylvania	24	19	3185
Census Tract 10, Eyeoning County, Fennsylvania	36	52	1515
Census Tract 2019, Allegheny County, Pennsylvania	26	12	3314
Census Tract 1702, Allegheny County, Pennsylvania	32	5	2978
Census Tract 1702, Allegheny County, Pennsylvania	23	9	1780
Census Tract 1803, Allegheny County, Pennsylvania	29	49	2558
Census Tract 2620, Allegheny County, Pennsylvania	35	41	2456
Census Tract 2020, Allegheny County, Fennsylvania Census Tract 7512, Washington County, Pennsylvania	23	10	3271
Census Tract 7912, Washington County, Pennsylvania	33	17	3243
Census Tract 4867, Allegheny County, Pennsylvania	47	64	2226
Census Tract 3303, Clearfield County, Pennsylvania	23	9	4365
Census Tract 2022, Allegheny County, Pennsylvania	28	45	2910
Census Tract 2022, Allegheny County, Pennsylvania	22	24	2321
Census Tract 1017, Allegheny County, Pennsylvania	39	76	1539
Census Tract 1017, Allegheny County, Pennsylvania	47	98	990
Census Tract 2614, Allegheny County, Pennsylvania	39	75	1883
Census Tract 2609, Allegheny County, Pennsylvania	82	98	1545
	7	53	1733
Census Tract 2607, Allegheny County, Pennsylvania	29	16	5488
Census Tract 3, Lycoming County, Pennsylvania	37	51	4612
Census Tract 4, Lycoming County, Pennsylvania	24	19	3020
Census Tract 5, Lycoming County, Pennsylvania	27	20	3426
Census Tract 4240, Allegheny County, Pennsylvania	46	72	1398
Census Tract 4869, Allegheny County, Pennsylvania	24	75	3144
Census Tract 4838, Allegheny County, Pennsylvania	37	43	3045
Census Tract 1014, Lackawanna County, Pennsylvania	54	69	1411
Census Tract 5128, Allegheny County, Pennsylvania	18	33	2454
Census Tract 5120, Allegheny County, Pennsylvania	21	3	3213
Census Tract 13, Schuylkill County, Pennsylvania Census Tract 8, Schuylkill County, Pennsylvania	21	6	3757
	12	32	3568
Census Tract 4843, Allegheny County, Pennsylvania	17	52	3026
Census Tract 2715, Allegheny County, Pennsylvania	40	83	4910
Census Tract 18, Lehigh County, Pennsylvania	11	52	7100
Census Tract 15.02, Lehigh County, Pennsylvania	21	9	3871
Census Tract 204, Carbon County, Pennsylvania Census Tract 18, Berks County, Pennsylvania	28	57	2754
Census Tract 3063, Chester County, Pennsylvania	3	44	2860
Census Tract 3053, Chester County, Pennsylvania Census Tract 3053, Chester County, Pennsylvania	8	37	7332
Census Tract 3056, Chester County, Pennsylvania Census Tract 3056, Chester County, Pennsylvania	46	86	3324
	34	86	3431
Census Tract 3055, Chester County, Pennsylvania	18	58	2343
Census Tract 3057, Chester County, Pennsylvania	17	37	4961
Census Tract 9508.01, Pike County, Pennsylvania	37	18	2057
Census Tract 2, Lawrence County, Pennsylvania	23	28	6503
Census Tract 315.01, Philadelphia County, Pennsylvania	34	87	6314
Census Tract 305.01, Philadelphia County, Pennsylvania	35	86	6462
Census Tract 305.02, Philadelphia County, Pennsylvania	14	91	6528
Census Tract 98.02, Philadelphia County, Pennsylvania	65	93	5806
Census Tract 177.02, Philadelphia County, Pennsylvania	41	95	3919
Census Tract 177.01, Philadelphia County, Pennsylvania	37	26	1628
Census Tract 311, Mercer County, Pennsylvania	41	100	2912
Census Tract 113, Philadelphia County, Pennsylvania	r t		

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Census Tract 114, Philadelphia County, Pennsylvania	22	99	7325
Census Tract 157, Philadelphia County, Pennsylvania	27	61	2599
Census Tract 158, Philadelphia County, Pennsylvania	20	7	5937
Census Tract 7, Lawrence County, Pennsylvania	42	23	1924
Census Tract 9, Lawrence County, Pennsylvania	45	25	1816
Census Tract 8015, Westmoreland County, Pennsylvania	22	8	2673
Census Tract 165, Philadelphia County, Pennsylvania	62	100	2251
Census Tract 9103.01, Butler County, Pennsylvania	29	5	4927
Census Tract 8001, Westmoreland County, Pennsylvania	56	37	1132
Census Tract 124, Centre County, Pennsylvania	50	19	5070
Census Tract 115.02, Centre County, Pennsylvania	31	27	7560
Census Tract 9611.01, Indiana County, Pennsylvania	48	6	4247
Census Tract 9611.02, Indiana County, Pennsylvania	90	20	5030
Census Tract 136.02, Lancaster County, Pennsylvania	22	11	5810
Census Tract 161, Philadelphia County, Pennsylvania	30	53	5152
Census Tract 162, Philadelphia County, Pennsylvania	56	90	2278
Census Tract 163, Philadelphia County, Pennsylvania	63	95	3574
Census Tract 164, Philadelphia County, Pennsylvania	52	100	4567
Census Tract 9, Berks County, Pennsylvania	27	63	2707
Census Tract 10, Berks County, Pennsylvania	40	91	3283
Census Tract 11, Berks County, Pennsylvania	57	91	4021
Census Tract 12, Berks County, Pennsylvania	49	91	2054
Census Tract 13, Berks County, Pennsylvania	38	87	3485
Census Tract 14, Berks County, Pennsylvania	43	83	4275
Census Tract 15, Berks County, Pennsylvania	42	83	3387
Census Tract 16, Berks County, Pennsylvania	29	81	2728
Census Tract 17, Berks County, Pennsylvania	56	91	3226
Census Tract 19, Berks County, Pennsylvania	43	70	2706
Census Tract 20, Berks County, Pennsylvania	40	62	4028
Census Tract 5237.02, Allegheny County, Pennsylvania	9	32	5029
Census Tract 147, Lancaster County, Pennsylvania	50	85	4620
Census Tract 138, Philadelphia County, Pennsylvania	28	89	2271
Census Tract 139, Philadelphia County, Pennsylvania	53	90	3242
Census Tract 140, Philadelphia County, Pennsylvania	42	76	2940
Census Tract 141, Philadelphia County, Pennsylvania	34	86	2153
Census Tract 144, Philadelphia County, Pennsylvania	31	59	
Census Tract 145, Philadelphia County, Pennsylvania	28	98	3540
Census Tract 9022, Butler County, Pennsylvania	28	8	1682
Census Tract 5604, Allegheny County, Pennsylvania	32	69	1923
Census Tract 2629, Fayette County, Pennsylvania	26	6	1652
Census Tract 9508.02, Pike County, Pennsylvania	15	48	5013
Census Tract 9023, Butler County, Pennsylvania	40	13	5552
Census Tract 9024, Butler County, Pennsylvania	35		3352
Census Tract 9025, Butler County, Pennsylvania	33	12	2170
Census Tract 230, York County, Pennsylvania	21	6	3805
Census Tract 9807.05, Snyder County, Pennsylvania		8	5086
Census Tract 152, Philadelphia County, Pennsylvania	27	17	1948
Census Tract 153, Philadelphia County, Pennsylvania	57	97	5824
Census Tract 156, Philadelphia County, Pennsylvania	66 51	49	4135
Census Tract 190, Philadelphia County, Pennsylvania	51	90	1986
Census Tract 19, Schuylkill County, Pennsylvania	38	91	7949
Census Tract 19, Schuyikii County, Pennsylvania Census Tract 1008.11, Bucks County, Pennsylvania	25	17	5107
Census Tract 1000.11, Bucks County, Pennsylvania	11	34	4642
	3	38	9662

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Census Tract 191, Philadelphia County, Pennsylvania	33	84	8440
Census Tract 192, Philadelphia County, Pennsylvania	50	91	9510
Census Tract 200, Philadelphia County, Pennsylvania	41	98	1273 4696
Census Tract 202, Philadelphia County, Pennsylvania	32	94	4090 2779
Census Tract 203, Philadelphia County, Pennsylvania	45	99	2497
Census Tract 204, Philadelphia County, Pennsylvania	32	99	
Census Tract 205, Philadelphia County, Pennsylvania	28	94	2774
Census Tract 206, Philadelphia County, Pennsylvania	25	58	1724
Census Tract 197, Philadelphia County, Pennsylvania	48	97	7096
Census Tract 198, Philadelphia County, Pennsylvania	51	99	6992
Census Tract 199, Philadelphia County, Pennsylvania	53	98	4411
Census Tract 356.02, Philadelphia County, Pennsylvania	7	41	3183
Census Tract 357.01, Philadelphia County, Pennsylvania	24	46	4490
Census Tract 151.01, Philadelphia County, Pennsylvania	50	97	2092
Census Tract 151.02, Philadelphia County, Pennsylvania	48	99	3324
Census Tract 9602, Indiana County, Pennsylvania	24	1	4941
Census Tract 135.01, Lancaster County, Pennsylvania	21	50	9825
Census Tract 332, Mercer County, Pennsylvania	40	41	3212
Census Tract 333, Mercer County, Pennsylvania	24	3	2771
Census Tract 334, Mercer County, Pennsylvania	41	58	2395
Census Tract 2009.03, Montgomery County, Pennsylvania	14	38	4633
Census Tract 9822, Allegheny County, Pennsylvania	64	18	4516
Census Tract 5627, Allegheny Counly, Pennsylvania	29	38	1754
Census Tract 168, Philadelphia County, Pennsylvania	39	96	3942
Census Tract 39.01, Philadelphia County, Pennsylvania	18	33	6076
Census Tract 5236, Allegheny County, Pennsylvania	10	36	4876
Census Tract 5235.01, Allegheny County, Pennsylvania	10	56	4830
Census Tract 2012.04, Montgomery County, Pennsylvania	5	30	2145
Census Tract 327.02, Mercer County, Pennsylvania	21	1	2639
Census Tract 9812.02, Centre County, Pennsylvania	0	64	2292
Census Tract 177.03, Northampton County, Pennsylvania	7	35	2757
Census Tract 5523, Allegheny County, Pennsylvania	43	71	2184
Census Tract 5522, Allegheny County, Pennsylvania	29	19	915
Census Tract 5521, Allegheny County, Pennsylvania	73	63	1485
Census Tract 603, Allegheny County, Pennsylvania	27	28	2572
Census Tract 511, Allegheny County, Pennsylvania	74	100	327
Census Tract 510, Allegheny County, Pennsylvania	58	56	1965
Census Tract 509, Allegheny County, Pennsylvania	73	98	1349
Census Tract 506, Allegheny County, Pennsylvania	32	85	1884
Census Tract 323, Susquehanna County, Pennsylvania	23	5	3675
Census Tract 3006, Monroe County, Pennsylvania	19	32	4686
Census Tract 20, Schuylkill County, Pennsylvania	20	15	3632
Census Tract 26, Schuylkill County, Pennsylvania	24	1	3853
Census Tract 25, Berks County, Pennsylvania	42	86	2975
Census Tract 5630, Allegheny County, Pennsylvania	17	44	3275
Census Tract 5625, Allegheny County, Pennsylvania	29	60	3083
Census Tract 2, Berks County, Pennsylvania	52	80	3990
Census Tract 1002.08, Bucks County, Pennsylvania	21	47	5725
Census Tract 1057.04, Bucks County, Pennsylvania	6	42	6905
Census Tract 1016.05, Bucks County, Pennsylvania	18	44	4223
Census Tract 2058.05, Montgomery County, Pennsylvania	11	36	3332
Census Tract 2060.07, Montgomery County, Pennsylvania	7	39	6675
Census Tract 1007, Bucks County, Pennsylvania	14	45	3179

Census Tract 246, Philadelphia County, Pennsylvania Census Tract 247, Philadelphia County, Pennsylvania Census Tract 248, Philadelphia County, Pennsylvania Census Tract 249, Philadelphia County, Pennsylvania Census Tract 5213.01, Allegheny County, Pennsylvania Census Tract 242, Philadelphia County, Pennsylvania Census Tract 243, Philadelphia County, Pennsylvania Census Tract 244, Philadelphia County, Pennsylvania Census Tract 245, Philadelphia County, Pennsylvania Census Tract 1003.03, Bucks County, Pennsylvania Census Tract 166, Philadelphia County, Pennsylvania Census Tract 382, Philadelphia County, Pennsylvania Census Tract 380, Philadelphia County, Pennsylvania Census Tract 381, Philadelphia County, Pennsylvania Census Tract 4801.01, Allegheny County, Pennsylvania Census Tract 5620, Allegheny County, Pennsylvania Census Tract 9801, Allegheny County, Pennsylvania Census Tract 5616, Allegheny County, Pennsylvania Census Tract 1, Lancaster County, Pennsylvania Census Tract 2, Lancaster County, Pennsylvania Census Tract 3, Lancaster County, Pennsylvania Census Tract 5, Lancaster County, Pennsylvania Census Tract 6, Lancaster County, Pennsylvania Census Tract 32, Philadelphia County, Pennsylvania Census Tract 33, Philadelphia County, Pennsylvania Census Tract 36, Philadelphia County, Pennsylvania Census Tract 37.01, Philadelphia County, Pennsylvania Census Tract 37.02, Philadelphia County, Pennsylvania Census Tract 41.01, Philadelphia County, Pennsylvania Census Tract 41.02, Philadelphia County, Pennsylvania Census Tract 42.02, Philadelphia County, Pennsylvania Census Tract 2059.05, Montgomery County, Pennsylvania Census Tract 2, Philadelphia County, Pennsylvania Census Tract 5, Philadelphia County, Pennsylvania Census Tract 6, Philadelphia County, Pennsylvania Census Tract 7, Philadelphia County, Pennsylvania Census Tract 9606, Bedford County, Pennsylvania Census Tract 31, Philadelphia County, Pennsylvania Census Tract 54, Philadelphia County, Pennsylvania Census Tract 55, Philadelphia County, Pennsylvania Census Tract 56, Philadelphia County, Pennsylvania Census Tract 60, Philadelphia County, Pennsylvania Census Tract 61, Philadelphia County, Pennsylvania Census Tract 62, Philadelphia County, Pennsylvania Census Tract 3001.02, Monroe County, Pennsylvania Census Tract 3008, Monroe County, Pennsylvania Census Tract 79, Philadelphia County, Pennsylvania Census Tract 80, Philadelphia County, Pennsylvania Census Tract 107, Philadelphia County, Pennsylvania Census Tract 108, Philadelphia County, Pennsylvania Census Tract 109, Philadelphia County, Pennsylvania Census Tract 110, Philadelphia County, Pennsylvania Census Tract 111, Philadelphia County, Pennsylvania

Census Tract 112, Philadelphia County, Pennsylvania	31	99	4715
Census Tract 3034.02, Chester County, Pennsylvania	11	50	1977
Census Tract 8016, Westmoreland County, Pennsylvania	26	18	1277
Census Tract 2016.03, Montgomery County, Pennsylvania	9	49	4378
Census Tract 2024.01, Montgomery County, Pennsylvania	14	91	3660
Census Tract 9601, Indiana County, Pennsylvania	21	2	4308
Census Tract 2016.04, Montgomery County, Pennsylvania	8	40	3047
Census Tract 134, Lancaster County, Pennsylvania	11	42	3073
Census Tract 5234, Allegheny County, Pennsylvania	14	44	5002
Census Tract 5233, Allegheny County, Pennsylvania	9	40	4061
Census Tract 5232, Allegheny County, Pennsylvania	20	67	3901
Census Tract 1401, Allegheny County, Pennsylvania	19	33	5306
Census Tract 1306, Allegheny County, Pennsylvania	46	94	2859
Census Tract 1304, Allegheny County, Pennsylvania	44	98	982
Census Tract 1303, Allegheny County, Pennsylvania	40	94	1294
Census Tract 2050, Montgomery County, Pennsylvania	12	33	2467
Census Tract 2617, Fayette County, Pennsylvania	22	13	3103
Census Tract 2625, Fayette County, Pennsylvania	21	1	3250
Census Tract 2605, Fayette County, Pennsylvania	26	1	6429
Census Tract 2612, Fayette County, Pennsylvania	31	21	2407
Census Tract 2090, Montgomery County, Pennsylvania	34	41	1543
Census Tract 2062.01, Montgomery County, Pennsylvania	20	9	2401
Census Tract 13, Philadelphia County, Pennsylvania	10	11	5890
Census Tract 14, Philadelphia County, Pennsylvania	12	33	4482
Census Tract 15, Philadelphia County, Pennsylvania	17	39	2861
Census Tract 18, Philadelphia County, Pennsylvania	8	33	3206
Census Tract 19, Philadelphia County, Pennsylvania	8	41	2827
Census Tract 20, Philadelphia County, Pennsylvania	14	80	2111
Census Tract 21, Philadelphia County, Pennsylvania	20	77	2289
Census Tract 22, Philadelphia County, Pennsylvania	31	71	2219
Census Tract 1302, Allegheny County, Pennsylvania	40	98	1423
Census Tract 1013, Lackawanna County, Pennsylvania	20	11	2746
Census Tract 1915, Allegheny County, Pennsylvania	22	25	1909
Census Tract 4928, Allegheny County, Pennsylvania	38	67	2605
Census Tract 4927, Allegheny County, Pennsylvania	21	28	1987
Census Tract 4929, Allegheny County, Pennsylvania	24	34	2160
Census Tract 1006, Bucks County, Pennsylvania	11	30	3678
Census Tract 252, Philadelphia County, Pennsylvania	32	93	6591
Census Tract 253, Philadelphia County, Pennsylvania	25	93	3867
Census Tract 254, Philadelphia County, Pennsylvania	13	90	4145
Census Tract 255, Philadelphia County, Pennsylvania	7	76	2950
Census Tract 256, Philadelphia County, Pennsylvania	9	49	2912
Census Tract 283, Philadelphia County, Pennsylvania	38	93	5877
Census Tract 284, Philadelphia County, Pennsylvania	42	98	4655
Census Tract 346, Philadelphia County, Pennsylvania	17	57	2679
Census Tract 23, Philadelphia County, Pennsylvania	8	37	2819
Census Tract 24, Philadelphia County, Pennsylvania	8	44	5163
Census Tract 25, Philadelphia County, Pennsylvania	15	45	4022
Census Tract 29, Philadelphia County, Pennsylvania	11	33	4533
Census Tract 6.02, Schuylkill County, Pennsylvania	32	31	1430
Census Tract 6.01, Schuylkill County, Pennsylvania	33	19	3534
Census Tract 112, Berks County, Pennsylvania	8	31 10	4191 4717
Census Tract 8081, Westmoreland County, Pennsylvania	21	10	4717

Census Tract 5153, Allegheny County, Pennsylvania 29 Census Tract 5152, Allegheny County, Pennsylvania 8 Census Tract 7, Lancaster County, Pennsylvania 41 Census Tract 321, Mercer County, Pennsylvania 43 Census Tract 309, Mercer County, Pennsylvania 9 Census Tract 9104, Butler County, Pennsylvania 34 Census Tract 5100, Allegheny County, Pennsylvania 28 Census Tract 4, Schuylkill County, Pennsylvania 11 Census Tract 3081.02, Chester County, Pennsylvania 10 Census Tract 1001.04, Bucks County, Pennsylvania 15 Census Tract 3116, Chester County, Pennsylvania 21 Census Tract 5, Schuylkill County, Pennsylvania 26 Census Tract 103, Allegheny County, Pennsylvania 24 Census Tract 63, Philadelphia County, Pennsylvania 43 Census Tract 100, Philadelphia County, Pennsylvania 28 Census Tract 101, Philadelphia County, Pennsylvania 31 Census Tract 102, Philadelphia County, Pennsylvania 43 Census Tract 103, Philadelphia County, Pennsylvania 36 Census Tract 104, Philadelphia County, Pennsylvania 35 Census Tract 105, Philadelphia County, Pennsylvania 44 Census Tract 106, Philadelphia County, Pennsylvania 55 Census Tract 8, Lancaster County, Pennsylvania 42 Census Tract 9, Lancaster County, Pennsylvania 40 Census Tract 10, Lancaster County, Pennsylvania 39 Census Tract 2608, Fayette County, Pennsylvania 30 Census Tract 2621, Fayette County, Pennsylvania 25 Census Tract 2623, Fayette County, Pennsylvania 38 Census Tract 126, Berks County, Pennsylvania 13 Census Tract 118.05, Lancaster County, Pennsylvania 13 Census Tract 128, Centre County, Pennsylvania 26 Census Tract 125, Centre County, Pennsylvania 82 Census Tract 126, Centre County, Pennsylvania 66 Census Tract 11, Lancaster County, Pennsylvania 26 Census Tract 12, Lancaster County, Pennsylvania 13 Census Tract 14, Lancaster County, Pennsylvania 34 Census Tract 5, Berks County, Pennsylvania 28 Census Tract 6, Berks County, Pennsylvania 15 Census Tract 7, Berks County, Pennsylvania 30 Census Tract 8, Berks County, Pennsylvania 41 Census Tract 303, Mercer County, Pennsylvania 21 Census Tract 2630, Fayette County, Pennsylvania 32 Census Tract 2631, Fayette County, Pennsylvania 25 Census Tract 112, Lancaster County, Pennsylvania 31 Census Tract 501, Allegheny County, Pennsylvania 34 Census Tract 409, Allegheny County, Pennsylvania 52 Census Tract 406, Allegheny County, Pennsylvania 62 Census Tract 82, Philadelphia County, Pennsylvania 27 Census Tract 176.01, Philadelphia County, Pennsylvania 60 Census Tract 83.01, Philadelphia County, Pennsylvania 21 Census Tract 84, Philadelphia County, Pennsylvania 41 Census Tract 85, Philadelphia County, Pennsylvania 37 Census Tract 90, Philadelphia County, Pennsylvania 65 Census Tract 91, Philadelphia County, Pennsylvania 53

44	1863
- 39	2396
56	4779
3	3347
46	3304
11	3633
58	1827
44	5814
30	4448
46	4347
56	2033
18	4089
32	6294
95	4025
87	4481
99	6569
100	2866
100	2538
95	3690
95	4298
95	1466
84	3911
86	3571
72	3603
9	3821
3	2498
46	2939
46	2658
30	2461
34	5687
17	4627
17	3834
54 64	3288
78	5469
66	4751 3449
41	3186
73	4181
81	4356
16	3543
10	3416
2	5362
34	1848
88	1760
29	2921
23	2193
100	6896
97	6044
98	4740
97	4971
95	7296
37	6124
71	2866
	2000

Census Tract 92, Philadelphia County, Pennsylvania Census Tract 93, Philadelphia County, Pennsylvania Census Tract 94, Philadelphia County, Pennsylvania Census Tract 95, Philadelphia County, Pennsylvania Census Tract 96, Philadelphia County, Pennsylvania Census Tract 2607, Fayette County, Pennsylvania Census Tract 3007, Monroe County, Pennsylvania Census Tract 3009, Monroe County, Pennsylvania Census Tract 220, York County, Pennsylvania Census Tract 221, York County, Pennsylvania Census Tract 405, Allegheny County, Pennsylvania Census Tract 5231, Allegheny County, Pennsylvaria Census Tract 402, Allegheny County, Pennsylvania Census Tract 305, Allegheny County, Pennsylvania Census Tract 1, Cambria County, Pennsylvania Census Tract 2, Cambria County, Pennsylvania Census Tract 3001, Allegheny County, Pennsylvania Census Tract 12, Lehigh County, Pennsylvania Census Tract 14.01, Lehigh County, Pennsylvania Census Tract 7753, Washington County, Pennsylvania Census Tract 1807, Allegheny County, Pennsylvania Census Tract 404, Allegheny County, Pennsylvania Census Tract 201, Allegheny County, Pennsylvania Census Tract 2009.01, Montgomery County, Pennsylvania Census Tract 2089.03, Montgomery County, Pennsylvania Census Tract 2008, Montgomery County, Pennsylvania Census Tract 5151, Allegheny County, Pennsylvania Census Tract 5140, Allegheny County, Pennsylvania Census Tract 5138, Allegheny County, Pennsylvania Census Tract 5623, Allegheny County, Pennsylvania Census Tract 9609, Wayne County, Pennsylvania Census Tract 9607, Wayne County, Pennsylvania Census Tract 169.02, Philadelphia County, Pennsylvania Census Tract 3, Cambria County, Pennsylvania Census Tract 1004.03, Bucks County, Pennsylvania Census Tract 1003.04, Bucks County, Pennsylvania Census Tract 146, Philadelphia County, Pennsylvania Census Tract 147, Philadelphia County, Pennsylvania Census Tract 148, Philadelphia County, Pennsylvania Census Tract 149, Philadelphia County, Pennsylvania Census Tract 2037, Montgomery County, Pennsylvania Census Tract 2039.02, Montgomery County, Pennsylvania Census Tract 1003.06, Bucks County, Pennsylvania Census Tract 21, Berks County, Pennsylvania Census Tract 22, Berks County, Pennsylvania Census Tract 23, Berks County, Pennsylvania Census Tract 169.01, Philadelphia County, Pennsylvania Census Tract 208, Philadelphia County, Pennsylvania Census Tract 214, Philadelphia County, Pennsylvania Census Tract 241, Philadelphia County, Pennsylvania Census Tract 4689, Allegheny County, Pennsylvania Census Tract 5129, Allegheny County, Pennsylvania Census Tract 1, Berks County, Pennsylvania

Census Tract 3, Berks County, Pennsylvania	26	71	2230
Census Tract 4, Berks County, Pennsylvania	33	78	4098
Census Tract 9809, Allegheny County, Pennsylvania	0	53	2135
Census Tract 301, Mercer County, Pennsylvania	38	17	2007
Census Tract 2053, Montgomery County, Pennsylvania	20	52	2132
Census Tract 105, Erie County, Pennsylvania	21	11	4348
Census Tract 3, Lawrence County, Pennsylvania	28	24	3976
Census Tract 4, Lawrence County, Pennsylvania	59	52	1988
Census Tract 6, Lawrence County, Pennsylvania	33	19	1212
		10	3,702,808.00

Susquehanna River Basin Commission FY-2020 Allocation to Signatory Parties

	Equitable Apportionment*	Allocation			Current Contribution	
Signatory Party						
New York	12.50%	S	281,750	5	259,000	
Pennsylvania	37.50%	S	845,250	\$	237,000	
Maryland	25.00%	S	563,500	5	346,000	
Federal Government	25.00%	S	563,500	\$	*	
TOTAL	100.00%	\$	2,254,000	\$	1,192,000	

* per Resolution No. 96-08 adopted October 1, 1996

Unfunded Expenses

1

Unfunded Expenses	
MOU Projects	\$ 60,000
Planning Activilies	\$ 200,000
Hydrologic Monitoring/Studies	\$ 70,000
Flood Coordination/Projects	\$ 330,000
Drought Coordination/Projects	\$ 90,000
Information Tech/Data Mgmt	\$ 365,000
Watershed Coordination	\$ 225,000
Public Information & Education	\$ 130,000
General Program Administration	\$ 784,000
TOTAL UNFUNDED EXPENSES	\$ 2,254,000

Signa	tory Funding by	y DRBC Fisc	cal Year (7/1	l to 6/30) - G	Seneral Fund	
		' 1963 to FY				
Fiscal Year	Delaware	New Jersey	New York	Pennsylvania	United States	Totals
963	13,000	80,000	80,000	80,000	80,000	333,000
964	16,000	117,000	117,000	117,000	117,000	484,000
965	16,000	117,000	117,000	117,000	92,000 96,000	459,000
966	19,500	125,800	125,800	125,800 142,000	115,000	563,800
967	22,800	142,000 232,500	142,000 192,500	237.500	134,000	854,500
968	58,000 59,300	232,500	235,900	280,900	154,000	1,006,000
969	59,500	213,900	230,000	200,000		
970	68,500	279,500	239,500	251,900	153,000	992,400
971	76,800	318,400	278,400	315,000	175,000	1,163,600
972	84,500	349,500	308,500	355,000	179,000	1,276,500
973	121,300	355,900	313,900	383,900	216,000 220,000	1,391,000
974	138,400	378,346	307,900	434,200	209,000	1,389,600
975	129,300	357,700	282,900 252,800	410,700 407,800	177,000	1,369,000
1976	112,600	297,190 297,190	101,435	390,830	181,250	1,090,78
977	120,080	297,190	91,435	352,800	163,750	1,019,57
1978 1979	118,300	330,100	260,000	363,000	294,750	1,366,150
19/9	110,000					
1980	124,000	330,100	270,000	381,000	254,000	1,359,100
1981	130,500	346,600	270,000	400,200	266,000	1,413,300
1982	138,400	367,700	250,000	424,600	269,000	1,449,700
1983	149,800	391,784	180,000	459,600 487,200	269,000 269,000	1,493,000
1984	158,800	398,000	180,000	511,600	279,500	1,600,900
1985	166,800	443,000 473,000	263,000	543,500	268,000	1,722,80
1986	175,300	497,000	269,600	571,000	215,750	1,737,350
1987 1988	203,600	550,000	269,600	631,900	263,000	1,918,10
1989	203,600	550,000	269,600	631,900	263,000	1,918,100
1990	226,900	613,000	269,600	704,200	345,000	2,158,700
1991	253,500	554,000	269,600	633,800	427,750	2,138,65
1992	253,500	510,000	246,700	625,400	470,500	2,106,10
1993	282,000	510,000	246,700	625,400 672,200	475,000 484,750	2,139,10
1994	285,800	510,000 620,000	246,700 246,700	609,000	478,000	2,253,70
1995	300,000 344,000	620,000	481,500	688,000	440,500	2,574,00
1996 1997	344,000	688,000	481,500	688,000	107,000	2,308,50
1998	344,000	688,000	481,500	688,000	0	2,201,50
1999	392,000	792,000	481,500	813,000	0	2,478,50
2000	392,000	784,000	481,500	784,000	0	2,441,50
2001	392,000	787,000	485,000	784,000	0	2,448,00
2002	392,000	867,000	485,000	867,000	0	2,611,00
2003	392,000	867,000	485,000	867,000	0	2,611,00
2004	392,000	857,000	485,000	867,000	0	2,601,00 2,643,00
2005	434,000	857,000	485,000 485,000	867,000 867,000	0	2,643,00
2006	434,000	857,000	485,000	867,000	0	2,766,00
2007	434,000	857,000 893,000	608,000	893,000	0	2,828,00
2008	434,000 434,000	893,000	590,920	893,000	536,250	3,347,17
2010	447,000	893,000	472,800	893,000	178,750	2,884,55
2010	127,000	893,000	370,505	893,000	0	2,283,50
2012	447,000	893,000	355,000	493,000	0	2,188,00
2013	447,000	893,000	246,000	948,350	0	2,534,35
2014	447,000	693,000	246,000	998,350	0	2,384,35
2015	447,000	693,000	359,500	434,000	0	1,933,50
2016	447,000	693,000	359,500 359,500	434,000	0	1,933,50
2017	447,000	693,000 693,000	359,500	217,000	0	1,716,50
2018	447,000 447,000	693,000	359,500	217,000	0	1,716,500
2019 Projected					natory party contr	

Di	scharge of Untr	eated Wastewater from HAG to F	ark Creek	WWTP		
	sample type	location as described on report	PFOS		OA	PFOS+PFOA
4/19/2016		PFC WW effluent		9700	1200	10900
7/7/2016	-	PFC WW effluent		4700	790	5490
8/24/2016	-	PFC WW effluent		3300	350	3650
12/12/2016	-	new lift station		180	17	197
		wastewater lift station		240	19	259
May-17	·			190	9	199
Jun-17				180	7	187
Aug-17				170	14	184
11/27/2017	composite	lift station		130	11	141
12/26/2018	-	lift station		330	18	348
	•	rary Stormwater/Groundwater Di			DECA	
	sample type	location	PFOS	10 5	PFOA	
10/19/2017	-	Raw		18.5	0.68	
	grab	Treated Outfall		ND	ND	
11/2/2017	-	Raw		5.7	0.45	
	grab	Treated Outfall		ND	0.0033	
11/16/2017	-	Raw		9.7	0.92	
	grab	Treated Outfall		0.95	0.097	
12/7/2017	grab	Raw		6.5	0.58	
	grab	Treated Outfall		1.2	0.18	
12/22/2017	grab	Raw		4.9	0.41	
	grab	Treated Outfall		1.6	0.18	
1/4/2018	grab	Raw		3.7	0.38	
	grab	Treated Outfall		1.6	0.19	
1/22/2018	grab	Raw		4.9	0.41	
	grab	Treated Outfall		1.6	0.18	
2/8/2018	grab	Raw		4.8	0.33	
	grab	Treated Outfall		1.3	0.16	
2/26/2018	grab	Raw		4.1	0.3	
	grab	Treated Outfall		0.7	0.088	
3/8/2018	grab	Raw		4.1	0.3	
	grab	Treated Outfall		1.2	0.13	
3/27/2018	grab	Raw		5.3	0.47	
	grab	Treated Outfall		2.1	0.21	
4/12/2018	grab	Raw		5.2	0.29	
	grab	Treated Outfall		1.9	0.21	
8/31/2018	grab	Raw		0.59	0.036	
	grab	Treated Outfall		ND	ND	
9/10/2018	grab	Raw		2.2	0.16	
	grab	Treated Outfall		ND	ND	
9/19/2018	grab	Raw		ND	ND	
	grab	Treated Outfall		ND	ND	
10/3/2018	grab	Raw		ND	ND	
	grab	Treated Outfall		ND	ND	

10/17/2018 grab	Raw	0.24	0.33
grab	Treated Outfall	ND	0.0036
11/1/2018 grab	Raw	ND	ND
grab	Treated Outfall	ND	0.01
11/5/2018 grab	Raw	ND	0.31
grab	Treated Outfall	ND	0.0071
12/17/2018 grab	Raw	ND	0.21
grab	Treated Outfall	ND	0.011
1/8/2019 grab	Raw	3.5	0.31
grab	Treated Outfall	ND	0.0076