

Hospital Outcomes Program Year Four

Report to the Pennsylvania General Assembly

March 1, 2023



pennsylvania
DEPARTMENT OF HUMAN SERVICES



Contents

1. Introduction and Background	1
2. Overview of Legislative Requirements	2
3. Potentially Avoidable Event Methodology	3
4. Hospital Results.....	9
5. Next Steps.....	18
Appendix A: Potentially Avoidable Readmissions — MCO Beneficiaries.....	20
Appendix B: Potentially Avoidable Complications — MCO Beneficiaries.....	33
Appendix C: Potentially Avoidable Readmissions — FFS Beneficiaries	40
Appendix D: Potentially Avoidable Complications — FFS Beneficiaries	53
Appendix E: Glossary	60
Appendix F: Hospital Report Template — MCO Beneficiaries	64
Appendix G: Hospital Report Template — FFS Beneficiaries	68
Appendix H: Hospital List	72

Section 1

Introduction and Background

The Act of June 22, 2018 (P.L. 258, No. 40) (Act 40) contained provisions, hereinafter, referred to as the Health Care Outcomes provisions¹, that required the Department of Human Services (Department or DHS) to establish Medicaid outcomes-based programs within the Commonwealth of Pennsylvania's Medical Assistance (MA) Program to provide hospitals and MA managed care organizations (MCOs) with information to reduce potentially avoidable events (PAEs) and further increase efficiency in Medicaid hospital services.

The Health Care Outcomes provisions define PAEs as consisting of the following:

- Potentially avoidable readmissions (PARs).
- Potentially avoidable admissions (PAAs).
- Potentially avoidable complications (PACs).
- Potentially avoidable emergency visits (PAVs).
- A combination of the events listed above.

This report is intended to provide an overview of the Hospital Outcomes Program to the General Assembly. As this is the fourth year of the program, a year-over-year comparison of the two most recent years is provided. This report is delivered in a detailed graphical format to allow hospitals and the Department to gain greater insight into the current findings in order to take necessary action to improve performance in the future. The findings for calendar year (CY) 2020 also capture the Department's Community HealthChoices (CHC) program on a statewide basis; CHC program information was limited to the Southwest and Southeast zones in CY 2019 due to the phase-in of the program (described further in Section 4). The findings are presented by geographical zone as defined in the Department's Physical Health (PH) HealthChoices and CHC programs.

¹ 62 P.S. §§ 501-a-536-a.

Section 2

Overview of Legislative Requirements

The Health Care Outcomes provisions include several requirements. One of the requirements is for the Department to conduct an analysis of the Medicaid Program and produce a report describing how hospitals and MCOs can improve efficiency and outcomes by reducing PAEs. The Department conducted the required analysis and produced a report titled “Comprehensive Analysis Health Care Outcomes Report to the Pennsylvania General Assembly”. This report, which provides a detailed description of the legislative requirements and the methodology used to select PAEs, the results of the analysis, and recommendations, was delivered to the General Assembly on December 31, 2019. A revised report was delivered to the General Assembly on February 28, 2020. For more information regarding the Comprehensive analysis, please refer to the full report which can be found at the following location:

https://www.dhs.pa.gov/docs/Publications/Documents/Highlighted Reports/Health Care Outcomes_Final_20200228.pdf

A second requirement in the Health Care Outcomes provisions is that the Department provide a progress report to the General Assembly by March 1, 2020 and each March 1 thereafter. This document titled “Hospital Outcomes Program Year Four” serves as the fourth year report.

The Health Care Outcomes provisions provide that the requirements of the Hospital Outcomes Program apply to all general acute care hospitals participating in the Medicaid Program and specify that the PAEs to be used are PAR and PAC. As this is the fourth year of the analysis, a year-over-year comparison of the two most recent years is included. An MCO outcomes program report is also required and will be provided as a separate report titled “Managed Care Organization Outcomes Program Year Four”.

Section 3

Potentially Avoidable Event Methodology

The Department is required to select a clinical categorical PAE methodology that will provide performance information at both the aggregate and case level. The methodology must include risk adjustment scoring to account for patient severity of illness and the population's chronic illness burden. Mercer Government Human Services Consulting (Mercer), part of Mercer Health & Benefits LLC, the Commonwealth's independent actuary who prepared this analysis, has developed the suite of clinical efficiencies which were selected as the methodology for identifying the PAE of PAR. Mercer worked under the direction of the Department to leverage the clinical efficiencies consistent with managed care rate setting to meet the requirements of the Health Care Outcomes provisions.

The methodology selected to determine PAC is consistent with the Centers for Medicare & Medicaid Services (CMS) definition related to provider preventable conditions (PPCs). PPCs include both health care acquired conditions (HCAC) and other provider preventable conditions (OPPCs), representing injuries or illnesses, or never events, that occurred while in the hospital.

The methodology utilized in year four of this analysis is consistent with the methodology used in the prior three years and consistent with the methodology utilized in managed care rate setting to adjust for inpatient inefficiencies. Mercer utilizes the most current version of the applicable software. In some instances, this may result in changes to the identification of certain PAEs as code sets are retired or replaced.

Impact of Coronavirus Disease 2019

The Year Four Act 40 Health Care Outcomes report is for the CY 2020 period, which is impacted by the Coronavirus Disease 2019 (COVID-19) pandemic. Like other states across the country, Pennsylvania experienced changes in how members accessed care, the types of care accessed and provider capacity to deliver care. Changes were a result of pandemic-related service demands and mitigation strategies (e.g., limits on in-person interaction), as well as the ongoing evolution of workforce, supply, and care delivery.

Similarly, inpatient and emergency department utilization patterns changed as members accessed more care for COVID-19-related conditions but less care for other needs. In addition, state, MCO, and provider priorities shifted to address the emergent needs of the pandemic.

While all individuals with a COVID-19 diagnosis during the CY 2020 base period were removed from the inpatient results, with the exception of the PAC analysis, the overall report should be read and interpreted in the broader context of the healthcare ecosystem during that time.

Data Sources

Mercer utilized PH HealthChoices and CHC encounter data for beneficiaries served through the managed care programs and fee-for-service (FFS) claims data for beneficiaries served through the FFS program. As a result of the pandemic's impact on the MA Program service utilization and to establish a data source that better reflects the utilization of MA services in CY 2023, the Department and Mercer used state fiscal year (SFY) 2020–2021 base data in the development of the CHC and PH HealthChoices CY 2023 capitation rates rather than using CY 2020 as the base data. Therefore, the results included in this report which reflect results for the CY 2020 time period will not align with the SFY 2020–2021 results used in the CY 2023 rate-development process.

The data used in this analysis includes services provided to MCO members and FFS beneficiaries for service dates from January 1, 2020 through December 31, 2020. While the data was checked for reasonableness compared to rate development, it will vary given the different time periods being analyzed, particularly given the utilization variability during COVID-19. As with the 2022 PAE analysis, data utilized for the PAE analysis include inpatient services, but as noted above, individuals with a COVID-19 diagnosis during the CY 2020 base period were removed from the inpatient results, with the exception of the PAC analysis.

The CY 2019 CHC encounter data utilized in the current analysis is limited to the Southwest and Southeast zones, as the CHC program was implemented in a multi-year regional phase-in. CHC was fully implemented in the remainder of the Commonwealth in CY 2020.

The following should be considered when reviewing the results of the analysis:

1. All data considered in this analysis was submitted by either FFS providers, PH HealthChoices MCOs, or CHC-MCOs through the Provider Reimbursement and Operations Management Information System (PROMISe™). No adjustments were made to account for misreporting or underreporting of data.
2. Identified PAEs and associated dollars within Mercer's analyses are not intended to express an opinion on the medical necessity of an event or imply a particular event is avoidable in a particular instance. Instead, the analysis serves to identify and quantify opportunities for improvement, which may exist within the Medicaid delivery system.
3. Costs associated with PAEs are displayed in total prior to adjustments applied as part of the managed care rate-setting process.
4. Hospitals included in the analysis are identified using a list of general acute care hospitals provided by the Department to Mercer, and are included in Appendix H.
5. The PAC analysis is specific to inpatient facilities and does not consider long-term care facilities.
6. FFS claims data includes beneficiaries who received services through the FFS delivery system and exclude members who are dually eligible (eligible for both Medicare and Medicaid).
7. The Department grouped results for the MA hospitals by PH HealthChoices and CHC zones.



Medically necessary treatment and services are services or supplies that are needed to diagnose or treat a patient's condition, disease, or its symptoms. A condition that is medically necessary can also be potentially avoidable. See 55 Pa. Code § 1101.21.

Example: If an individual with a history of asthma is admitted to a hospital because of intense shortness of breath and bluish lips, the admission is likely medically necessary. If the individual had received appropriate medication and evidence-based treatment in an outpatient setting, the asthma symptoms may not have progressed to the point at which the individual needed to be hospitalized. In other words, the admission was potentially avoidable even though it may have been medically necessary.

Potentially Avoidable Event Process

Each PAE is identified following an established process described below.

Potentially Avoidable Readmissions

PARs are return hospitalizations within a 30-day period that may have resulted from a deficiency in the care or treatment provided to the beneficiary during a previous hospital stay or from a deficiency in post-hospital discharge follow up. The readmission analysis for both FFS and managed care considers all hospital readmissions within 30 days of a previous discharge for the same beneficiary at any facility and any diagnosis-related group (DRG). Mercer applied exclusionary criteria for certain conditions referred to as clinical global exclusions (e.g., indications of trauma, cancer, burns, HIV/AIDS). These clinical global exclusions are made for conditions and situations that may require more complex treatment for beneficiaries. Any beneficiary identified as having a clinical global exclusion is excluded from PAR analyses.

After clinical global exclusions are considered, Mercer clinicians review all remaining readmissions to determine if the readmission should be considered potentially avoidable. Readmissions are not considered potentially avoidable when:

- Readmissions are for conditions unrelated to the previous admission.
- Beneficiaries chose to leave against medical advice.
- Beneficiaries were three years of age and under or 85 years of age and older.
- There is evidence of transition of care as reflected by the presence of a claim for a visit to a primary care provider, specialist, or a clinic such as a federally qualified health center after the hospital discharge and prior to the readmission.
- Beneficiaries were discharged due to death or placement into hospice.

Potentially Avoidable Complications

PACs are harmful events or negative outcomes, including an infection or surgical complication, which occur after the beneficiary's admission to a hospital or may have resulted from the care, lack of care, or treatment provided during the hospital stay, rather than from a natural progression of an underlying illness.

The complications analysis is consistent with the conditions defined as PPCs by CMS and includes both HCACs and OPPCs. CMS has published a list of HCACs and their specifications, which is available on the CMS website.²

² CMS.gov, ICD-10 HAC List. Available at: https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/HospitalAcqCond/icd10_hacs.html.

HCACs are medical complications or conditions that were not present when the patient was admitted to the hospital and develop during the hospitalization. Examples of HCACs include hospital acquired infections and injuries due to falls. If the condition was present when the individual was admitted to the hospital, it is considered present on admission (POA). When the condition is POA it is not considered a HCAC.

Federal law, as well as the Department's policy, precludes payment for HCACs. The Department has evaluated its policy and surveyed its MCOs and determined that processes are in place and effective to prevent payment to providers related to HCACs. The Department has concluded that there is no cost to MA related to PPCs. Therefore, this analysis includes an examination of the numbers and types of PPCs as an indicator of the quality of care provided by hospitals. However, the analysis does not include a process to evaluate cost.

In addition to not paying for HCACs, federal law precludes Medicaid Programs from paying for the following OPPCs, which are also referred to as "never-events"³.

- Wrong surgical or other invasive procedure performed on a patient.
- Surgical or other invasive procedure performed on the wrong body part.
- Surgical or other invasive procedure performed on the wrong patient.

No utilization related to OPPCs was identified in the PH HealthChoices, CHC, or FFS utilization data; therefore, no further analysis regarding OPPCs is included in this analysis.

Zone Criteria

For purposes of this analysis, the results are calculated on a statewide basis and by geographical zone as defined in the Department's PH HealthChoices and CHC programs. Hospital results are assigned to a geographical zone based on the physical location of the hospital based on county.

Each zone will reflect its own unique member and hospital composition as well as a rural and urban mix. All results should be reviewed in consideration of these potential zone variations (i.e., there may be more PAEs identified as a proportion of overall admits/visits based on geography).

³ Medicaid.gov. Provider Preventable Conditions. Available at: <https://www.medicaid.gov/medicaid/financial-management/provider-preventable-conditions/index.html>.

Risk Adjustment

The Health Care Outcomes provisions require risk adjustment scoring to account for severity of illness and population chronic illness burden. To account for the acuity differences inherent in the data, Mercer calculated the acuity utilizing all patient refined-diagnosis related groups (APR-DRGs) relative value weights from the inpatient encounter and claims data. These acuity factors were not directly applied within the results but are, instead intended to inform the overall acuity level of the events being analyzed. The risk-adjustment approach for each PAE is as follows:

1. **PAR:** An average APR-DRG relative value weight (case mix index [CMI]) was calculated by hospital for all admissions. APR-DRGs classify patients according to their reason of admission. Each APR-DRG is assigned a value weight for severity of illness and risk of mortality. The CMI is calculated by aggregating all assigned value weights and dividing by the number of admissions.
2. **PAC:** Because PACs were not paid for in the Medicaid Program, no risk-adjustment analysis was performed.

Section 4

Hospital Results

An evaluation of year four data suggests opportunities exist to improve the efficiency of how care and services are delivered.

The accompanying information is provided in graphical format by geographical zone to assist the Department and hospitals in the identification of opportunities to develop interventions that will improve patient care and decrease avoidable cost.

The table and figure below display the statewide results of the PAEs applicable to hospitals. The following should be noted for each Health Care Outcomes data year:

- CY 2019 data:
 - Data includes PH HealthChoices MCOs.
 - Data includes FFS beneficiaries.
 - Data includes CHC-MCOs for applicable zones.
 - As the CHC program was implemented with a multi-year regional phase-in, CY 2019 CHC results are limited to the Southwest and Southeast zones. CHC was implemented in the remainder of the Commonwealth in CY 2020.
- CY 2020 data:
 - Data includes PH HealthChoices MCOs.
 - Data includes FFS beneficiaries.
 - Data includes CHC-MCOs.

Table 1 — Hospital Results for PAEs and Cost for Both MCO and FFS Beneficiaries

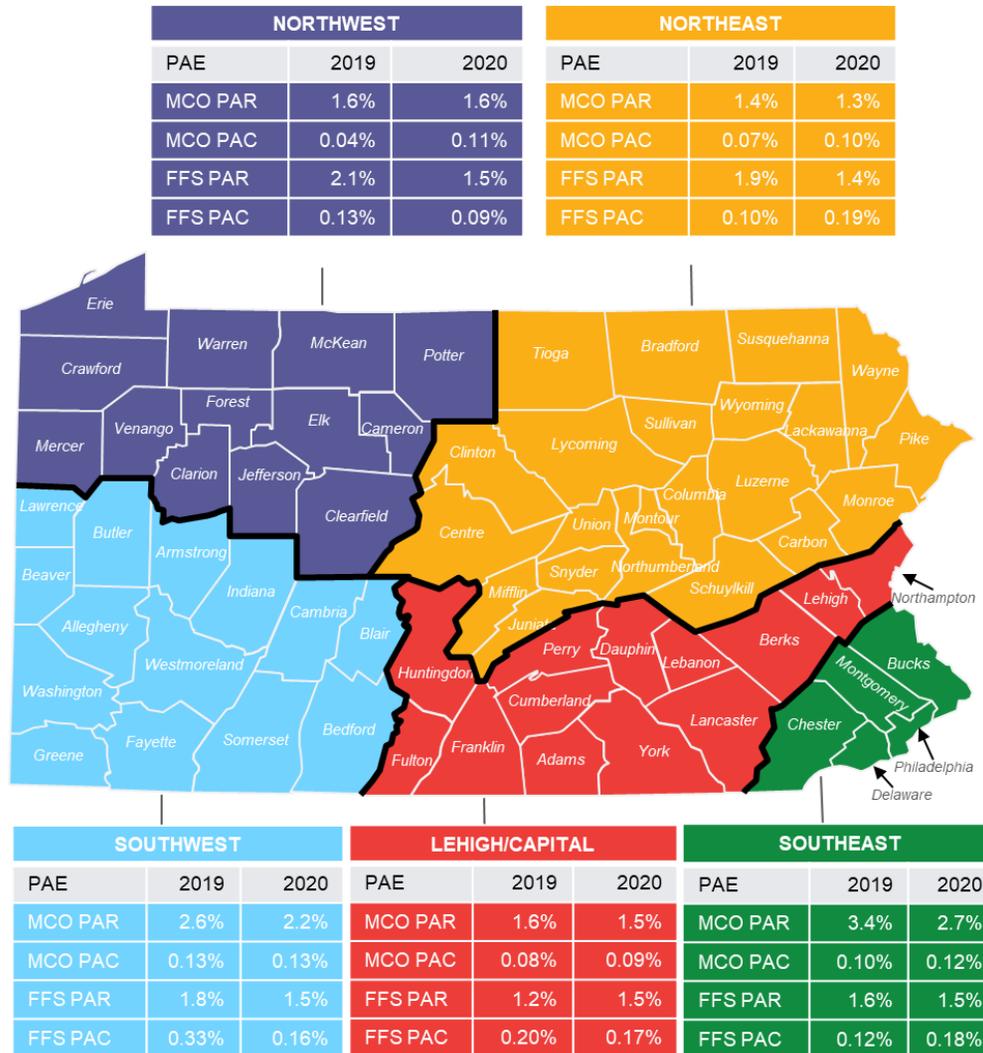
Description of PAEs	Number of PAEs	Number of PAEs	Percentage of Admits	Percentage of Admits	Cost Associated With PAEs*	Cost Associated With PAEs*	Percentage of Inpatient Cost	Percentage of Inpatient Cost
	CY 2019	CY 2020	CY 2019	CY 2020	CY 2019	CY 2020	CY 2019	CY 2020
Medicaid MCO Beneficiaries								
PAR	6,384	4,986	2.5%	2.1%	\$68,062,985	\$56,125,127	2.7%	2.1%
PAC**	252	284	0.1%	0.1%	\$0	\$0	0.0%	0.0%
Medicaid FFS Beneficiaries								
PAR	537	458	1.6%	1.5%	\$8,104,725	\$6,167,922	2.0%	1.6%
PAC**	58	54	0.2%	0.2%	\$0	\$0	0.0%	0.0%
Total	7,231	5,782	2.5%	2.1%	\$76,167,710	\$62,293,049	2.6%	2.1%

*Costs in the table may differ from results provided directly to the MCOs as part of rate setting, as costs associated with PAEs are displayed prior to replacement costs, other adjustments, and/or rounding. Additionally, as noted above, CY 2023 rate setting was based on SFY 2020–2021 data and not CY 2020 data.

**The number of PAC PAEs identified in this table represent the total number of encounters/claims identified with a PAC. These values may vary from the actual total number of PACs as some encounters/claims may have multiple PACs identified.

PAR cost amounts are separate from any recoupment activities that may have occurred by either the MCOs or through the FFS program.

Figure 1 — PAE (as a percentage of total admits) Hospital Results by PH HealthChoices and CHC Program Zones



- PAR — Potentially Avoidable Readmission
- PAC — Potentially Avoidable Complications

Overall, combined PAEs across MCO and FFS beneficiaries decreased by 1,449 PAEs from CY 2019 to CY 2020, with decreases in statewide PARs for MCO beneficiaries being the driver. The total PAE dollars across MCO and FFS beneficiaries decreased by \$13.9 million.

The combined PAC experience as a percentage of admits for the MCO and FFS beneficiaries remained flat at 0.1% and 0.2% for both CY 2019 and CY 2020, respectively.

MCO Beneficiary Results

PARs as a percentage of admissions have decreased from 2.5% to 2.1% for MCO beneficiaries. This was primarily driven by the overall suppression of utilization within the hospital systems during the start of the COVID-19 pandemic.

The cost associated with PARs decreased about \$11.9 million from approximately \$68.1 million to \$56.1 million.

Table 2 below displays the 20 most frequent APR-DRGs for PARs. In addition, a comparison to the prior year is displayed including the percentage change in both occurrence and identified cost.

The following APR-DRGs had the most notable increases in occurrence:

- MALFUNCTION, REACTION, COMPLIC OF GENITOURINARY DEVICE OR PROC
- HEPATIC COMA & OTHER MAJOR ACUTE LIVER DISORDERS

The following APR-DRGs had the most notable decreases in occurrence:

- CHRONIC OBSTRUCTIVE PULMONARY DISEASE
- DIABETES
- ALCOHOL ABUSE & DEPENDENCE
- RESPIRATORY FAILURE

Table 2 — PAR by APR-DRG MCO Beneficiaries

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE Percentage Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost Percentage Change
		CY 2019	CY 2020		CY 2019	CY 2020	
0420	DIABETES	427	336	-21%	\$3,201,832	\$2,338,970	-27%
0662	SICKLE CELL ANEMIA CRISIS	408	334	-18%	\$2,835,348	\$2,842,354	0%
0720	SEPTICEMIA & DISSEMINATED INFECTIONS	347	323	-7%	\$4,793,082	\$4,807,651	0%
0194	HEART FAILURE	272	238	-13%	\$3,046,870	\$3,303,793	8%
0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	207	165	-20%	\$1,353,984	\$1,454,817	7%
0140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	280	161	-43%	\$2,345,440	\$1,444,577	-38%
0775	ALCOHOL ABUSE & DEPENDENCE	237	158	-33%	\$1,176,796	\$807,292	-31%
0133	RESPIRATORY FAILURE	192	115	-40%	\$2,296,656	\$1,591,795	-31%
0280	ALCOHOLIC LIVER DISEASE	106	102	-4%	\$1,065,694	\$888,861	-17%
0425	OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS	98	90	-8%	\$1,223,188	\$900,116	-26%
0469	ACUTE KIDNEY INJURY	103	74	-28%	\$947,567	\$844,459	-11%
0710	INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE	82	74	-10%	\$1,320,956	\$1,055,348	-20%
0139	OTHER PNEUMONIA	80	74	-8%	\$958,474	\$809,689	-16%

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE Percentage Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost Percentage Change
		CY 2019	CY 2020		CY 2019	CY 2020	
0383	CELLULITIS & OTHER SKIN INFECTIONS	84	73	-13%	\$741,981	\$746,630	1%
0141	ASTHMA	94	70	-26%	\$591,896	\$481,608	-19%
0466	MALFUNCTION, REACTION, COMPLIC OF GENITOURINARY DEVICE OR PROC	48	55	15%	\$515,181	\$742,879	44%
0279	HEPATIC COMA & OTHER MAJOR ACUTE LIVER DISORDERS	47	54	15%	\$441,804	\$513,118	16%
0053	SEIZURE	115	50	-57%	\$1,296,412	\$580,452	-55%
0403	PROCEDURES FOR OBESITY	49	49	0%	\$315,006	\$458,549	46%
0254	OTHER DIGESTIVE SYSTEM DIAGNOSES	71	48	-32%	\$661,720	\$453,222	-32%

PACs increased from 252 to 284 for MCO beneficiaries. A portion of the increase is due to the inclusion of CHC experience in the Year Four analysis. Overall, the MCO experience of PACs remains flat year-over-year at 0.1% of total admits.

FFS Beneficiary Results

PARs as a percentage of admissions has decreased from 1.6% in CY 2019 to 1.5% in CY 2020 for those served through the FFS delivery system. The cost associated with PARs decreased from approximately \$8.1 million in CY 2019 to \$6.1 million in CY 2020, which may be driven by the final implementation of CHC and overall underutilization of the healthcare system.

Table 3 below displays the 20 most frequent APR-DRGs for PARs. In addition, a comparison to the prior year is displayed including the percentage change in both occurrence and identified cost.

The following APR-DRGs had the most notable increases in occurrence:

- DISORDERS OF PANCREAS EXCEPT MALIGNANCY
- OTHER DISORDERS OF THE LIVER

The following APR-DRGs had the most notable decreases in occurrence:

- SEPTICEMIA & DISSEMINATED INFECTIONS
- DIABETES

Table 3 — PAR by APR-DRG FFS Beneficiaries

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE Percentage Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost Percentage Change
		CY 2019	CY 2020		CY 2019	CY 2020	
0720	SEPTICEMIA & DISSEMINATED INFECTIONS	49	39	-20%	\$930,652	\$547,367	-41%
0775	ALCOHOL ABUSE & DEPENDENCE	20	24	20%	\$109,113	\$132,000	21%
0194	HEART FAILURE	24	23	-4%	\$358,164	\$704,988	97%
0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	6	20	233%	\$33,878	\$221,235	553%
0420	DIABETES	20	14	-30%	\$219,452	\$122,455	-44%
0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	7	13	86%	\$207,684	\$306,943	48%
0662	SICKLE CELL ANEMIA CRISIS	10	13	30%	\$81,389	\$95,657	18%
0469	ACUTE KIDNEY INJURY	13	11	-15%	\$201,094	\$196,647	-2%
0280	ALCOHOLIC LIVER DISEASE	15	11	-27%	\$152,620	\$128,331	-16%

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE Percentage Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost Percentage Change
		CY 2019	CY 2020		CY 2019	CY 2020	
0710	INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE	12	9	-25%	\$258,359	\$216,139	-16%
0199	HYPERTENSION	5	9	80%	\$33,775	\$133,827	296%
0283	OTHER DISORDERS OF THE LIVER	1	9	800%	\$16,456	\$94,586	475%
0241	PEPTIC ULCER & GASTRITIS	8	8	0%	\$100,624	\$52,255	-48%
0139	OTHER PNEUMONIA	10	7	-30%	\$125,029	\$98,186	-21%
0463	KIDNEY & URINARY TRACT INFECTIONS	10	7	-30%	\$117,040	\$66,094	-44%
0244	DIVERTICULITIS & DIVERTICULOSIS	2	7	250%	\$32,360	\$64,373	99%
0661	COAGULATION & PLATELET DISORDERS	0	7	0%	\$0	\$52,130	0%
0165	CORONARY BYPASS W AMI OR COMPLEX PDX	1	6	500%	\$6,967	\$76,806	1,002%
0344	OSTEOMYELITIS, SEPTIC ARTHRITIS & OTHER MUSCULOSKELETAL INFECTIONS	4	6	50%	\$130,400	\$62,657	-52%
0812	POISONING OF MEDICINAL AGENTS	4	6	50%	\$19,622	\$61,993	216%

PACs decreased from 58 to 54 for FFS beneficiaries. This represents fairly consistent performance in CY 2020 as compared to CY 2019.

Overall

The Department's efficiency adjustments, which are part of the PH HealthChoices and CHC rate-setting process, took into account the costs associated with PARs for MCO beneficiaries.

In order to provide the data in a format that will provide the most descriptive information the year four results are graphically displayed by PAE and by zone in Appendices A–D. Appendices A and B relate to beneficiaries enrolled in MCOs while Appendices C and D relate to beneficiaries served in the FFS program.

Section 5

Next Steps

The analyses included in this report address the requirements of Health Care Outcomes provisions regarding development of a Hospital Outcomes Program. The hospital level analyses will be completed and ready for distribution to each hospital in the second calendar quarter of 2023. A template of the analysis that will be provided to each hospital is included as Appendices F and G.

Effective CY 2020, the mandatory managed care program for dually eligible individuals and individuals with physical disabilities, CHC, was implemented statewide, and the MCOs manage most hospital utilizations for their members. The Department will continue to identify opportunities to work with the Pennsylvania hospital community directly and through the Hospital and Healthsystem Association of Pennsylvania.

In order to identify opportunities for the hospitals to reduce PAEs, the Department is focusing on the following efforts. In addition, the Department released the 2019–2022 Strategic Plan⁴ and continues to strengthen the strategies included in the document through the efforts below.

1. In the FFS delivery system, the following payment policy is in place for readmissions for the same beneficiaries for the same facility, which is provided in MA Bulletin 01-11-44 — Revised Payment Policy for Hospital Readmissions, which is available at DHS website www.dhs.pa.gov. It establishes the Department’s payment policy for readmissions as below:
 - A. If the readmission is for the treatment of conditions that could or should have been treated during the previous admission, the Department shall make no payment in addition to the hospital’s original DRG payment. If the combined hospital stay qualifies as an outlier, an outlier payment shall be made.
 - B. If the readmission is due to complications of the original diagnosis and the result is a different DRG with a higher payment, the Department shall pay the higher DRG payment rather than the original DRG payment.
 - C. If the readmission is due to conditions unrelated to the previous admission, the Department shall consider the readmission as a new admission for payment purposes.

⁴ Pennsylvania Department of Human Services Strategic Plan 2019–2022 available at <https://www.dhs.pa.gov/about/DHS-Information/Pages/Learn-About-DHS.aspx>.

2. The Department's Bureau of Program Integrity continues its efforts to identify inappropriate admissions and readmissions in the FFS program. If the inpatient admissions are deemed to be related for the same provider, the provider is notified and payment may be adjusted or recouped. MCOs are responsible for the review of admissions and readmissions of their members. The MCOs establish their own readmission payment policy. Mercer reviews inpatient readmission encounters for annual efficiency adjustments as part of PH HealthChoices rate setting. The Department has increased the amount of rate reduction applied for these inefficiencies to encourage the MCOs to reduce the number of PARs in future rate setting years.
3. As part of the strategy, MA providers, including hospitals, are encouraged to focus on Social Determinants of Health (SDOH), which include elements such as access to food, access to health services, education and employment, environmental conditions, income, housing, and relationships, among others. These health-related social needs are considered responsible for approximately 80% of a person's health outcomes. The focus on improvement of SDOH addresses the whole person's health rather than focusing on specific body systems, diagnoses, or conditions, and to reduce health disparities based on age, race, ethnicity, sex, primary language, and disability status. By working to meet SDOH needs, the Department will explore the opportunities to reduce health care costs including PAEs.
4. The Department administers the Hospital Quality Incentive Program (HQIP), which awards inpatient acute care hospitals serving MA beneficiaries for reducing PAAs which includes readmission as well. Results for CY 2019 of HQIP show 133 out of 168 eligible hospitals achieved reduction in preventable admission rates when compared to the initial year of the program. The information on the program is available at <https://www.dhs.pa.gov/providers/Providers/Pages/Hospital-Assessment-Initiative-.aspx>. The Department is aligning the methodology for this HQIP with the methodology of the Health Care Outcomes reporting beginning with CY 2022 hospital performance.
5. Beginning in CY 2022, the Department will be adding a new HQIP focused on reducing health disparities within the PAAs. The initial year of the incentive payment will provide funding for eligible hospitals to develop and implement data driven policies to reduce inequities in health care provided to MA beneficiaries with race or ethnicity identified as Latino/Hispanic or Non-Hispanic African American.

Appendix A

Potentially Avoidable Readmissions — MCO Beneficiaries

Contents

Table Number	Table Title
1	Total Events
2	Total Dollars
3	APR-DRG Case Mix Index
4	Events and Dollars by Age Band and Gender
5	Events and Dollars by Top 10 APR-DRG

The tables identified above are included for each zone. Zone results are displayed in the following order: Southeast, Southwest, Lehigh/Capital, Northeast, and Northwest. This is the fourth year of the analysis; therefore, both CY 2020 and CY 2019 results are available and displayed as applicable.

Detailed Description of Tables

Table 1 — displays the total number of PAR as a percentage of total inpatient hospital admissions. This value is displayed at both the zone and statewide level.

Table 2 — displays the total expenditures related to PAR as a percentage of total inpatient hospital expenditures. This value is displayed at both the zone and statewide level.

Table 3 — displays the average APR-DRG CMI for those admissions identified as PARs at the zone and statewide level.⁵ Also displays the APR-DRG average CMI for all admissions at the zone and statewide level.

Table 4 — displays the total number of PAR as a percentage of total inpatient hospital admissions by age band and gender. These values are displayed at both the zone and statewide level.

Table 5 — displays the 10 most frequent diagnosis (APR-DRG) in the zone that result in PAR within the zone. These values are displayed at both the zone and statewide level.

Additional Notes Regarding Data

1. Admissions and Dollars for CY 2020 service dates are based on PH HealthChoices MCO encounter data and CHC-MCO encounter data submitted through January 7, 2022.
2. Inpatient is defined as acute inpatient hospital admissions.
3. APR-DRGs are assigned by PROMISe system and represent APR-DRG version 37. CMI reflects the average APR-DRG relative value weight across all admissions as established by the Department. If APR-DRG relative value weight was not present on the claim, an average relative value weight was assigned. These average relative value weights were calculated at the hospital level.
4. There are always at least two admissions related to a PAR. The first admission is referred to as the “anchor admission”. When the beneficiary is discharged and admitted again within 30 days, the subsequent admission is referred to as a “readmission”. The PAR APR-DRG is assigned based on the anchor admission.
5. Replacement costs are not considered in this analysis.
6. Age and gender are assigned using eligibility files provided by the Department.
7. Claims with revenue code 0762 and no room and board code, indicating an observation stay, were excluded from PAR analysis.

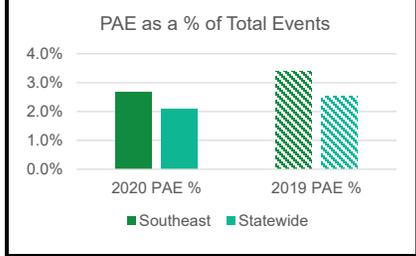
⁵APR-DRGs classify patients according to their reason of admission. Each APR-DRG is assigned a value weight for severity of illness and risk of mortality. The CMI is calculated by aggregating all assigned value weights and dividing by the number of admissions.

8. Readmissions are defined as inpatient hospital admissions within 30 days of an admission for the same beneficiary with any DRG at any facility. Not all readmissions within 30 days are considered potentially avoidable. Therefore, Mercer clinicians review readmissions (line by line) to determine if the readmission should be considered potentially avoidable. An admission is not considered potentially avoidable when:
 - A. Beneficiary has a qualifying clinical global exclusion diagnosis (examples include trauma and malignancies).
 - B. Beneficiary is three years of age and under or 85 years of age and older.
 - C. Beneficiary has a qualifying outpatient encounter between admissions.
 - D. Beneficiary was discharged due to death or to hospice.
9. Beneficiaries eligible for Medicare Part D or Medicare Advantage are excluded from analysis.
10. PAR values displayed are post clinical global exclusions and clinical review (as described in number 8 above). Targeted efficiency levels are not applied.

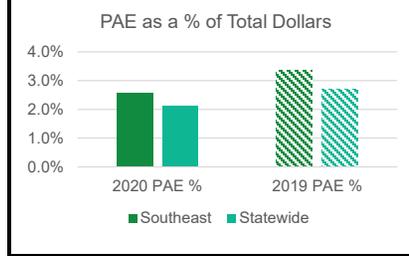
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southeast

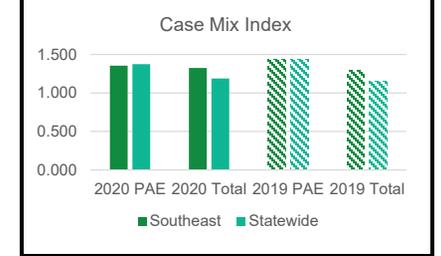
1. Total Events		
	Southeast	Statewide
PAE	2,397	4,986
Total	89,091	238,044
2020 PAE %	2.7%	2.1%
2019 PAE %	3.4%	2.5%



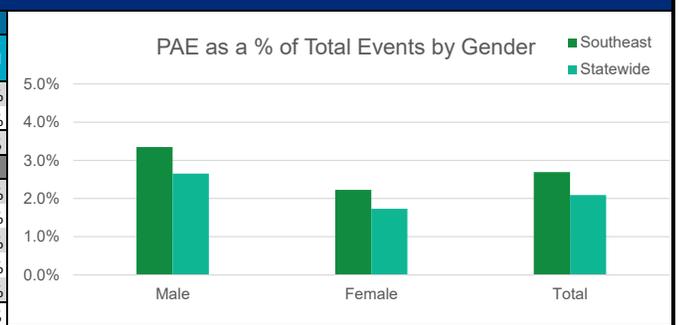
2. Total Dollars		
	Southeast	Statewide
PAE	\$ 30,513,846	\$ 56,125,127
Total	\$ 1,178,070,069	\$ 2,644,486,753
2020 PAE %	2.6%	2.1%
2019 PAE %	3.4%	2.7%



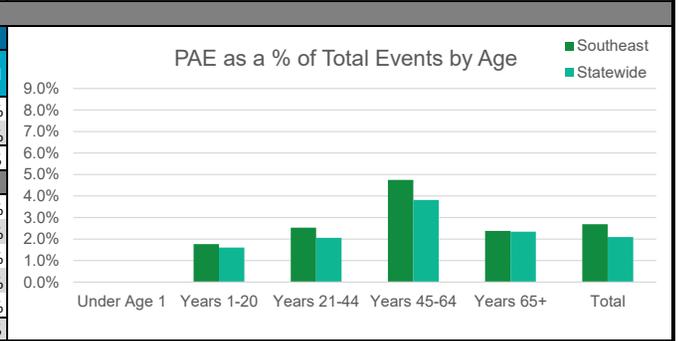
3. APR-DRG Case Mix Index		
	Southeast	Statewide
2020 PAE	1.354	1.375
2020 Total	1.324	1.188
2019 PAE	1.433	1.438
2019 Total	1.291	1.155



4. Events and Dollars by Age Band and Gender									
Southeast		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	36,897	1,235	3.3%	4.3%	\$ 598,244,299	\$ 16,141,789	2.7%	3.6%
All Ages	Female	52,194	1,162	2.2%	2.8%	\$ 579,825,770	\$ 14,372,057	2.5%	3.2%
Total		89,091	2,397	2.7%	3.4%	\$ 1,178,070,069	\$ 30,513,846	2.6%	3.4%
Under Age 1		16,375	-	0.0%	0.0%	\$ 214,688,874	\$ -	0.0%	0.0%
Years 1-20		8,394	148	1.8%	2.7%	\$ 133,348,020	\$ 2,881,345	2.2%	3.9%
Years 21-44		34,900	883	2.5%	3.3%	\$ 352,828,650	\$ 9,793,170	2.8%	3.4%
Years 45-64		28,120	1,335	4.7%	5.9%	\$ 455,939,673	\$ 17,433,867	3.8%	4.7%
Years 65+		1,302	31	2.4%	3.9%	\$ 21,264,852	\$ 405,464	1.9%	5.2%
Total		89,091	2,397	2.7%	3.4%	\$ 1,178,070,069	\$ 30,513,846	2.6%	3.4%



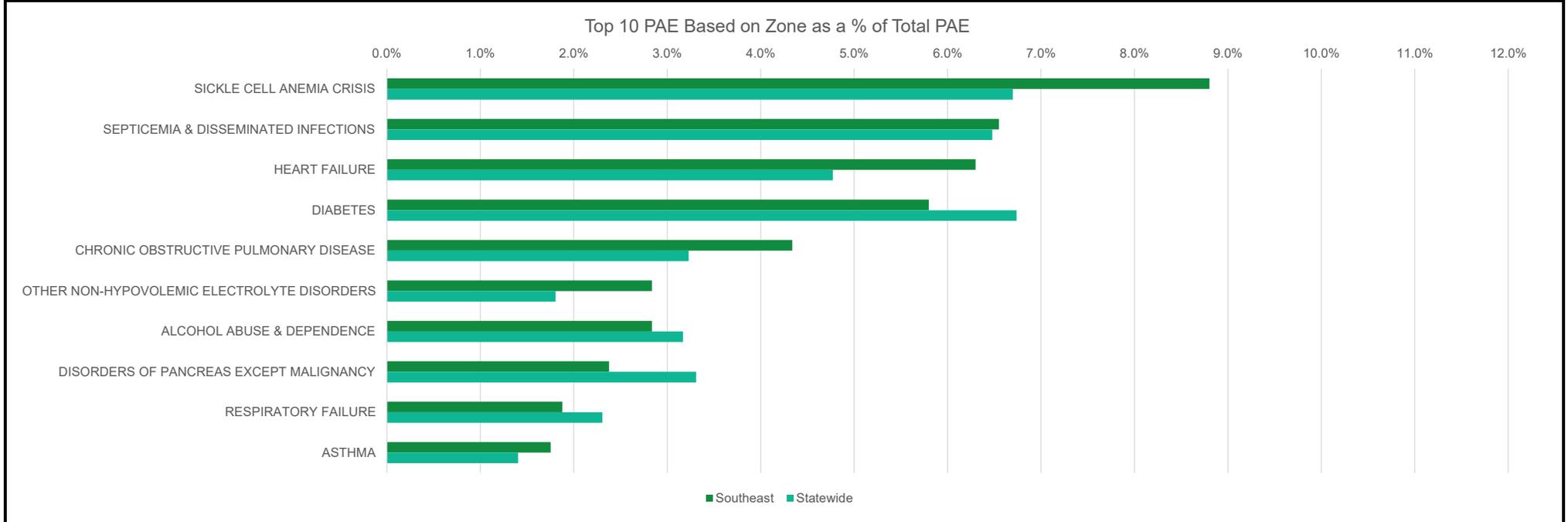
Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	93,353	2,478	2.7%	3.3%	\$ 1,301,457,014	\$ 28,989,402	2.2%	2.9%
All Ages	Female	144,691	2,508	1.7%	2.1%	\$ 1,343,029,739	\$ 27,135,725	2.0%	2.5%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%
Under Age 1		50,714	-	0.0%	0.0%	\$ 452,493,191	\$ -	0.0%	0.0%
Years 1-20		23,556	379	1.6%	2.1%	\$ 329,235,295	\$ 5,712,095	1.7%	2.8%
Years 21-44		91,740	1,892	2.1%	2.4%	\$ 793,959,871	\$ 19,020,426	2.4%	2.8%
Years 45-64		69,520	2,656	3.8%	4.8%	\$ 1,031,328,095	\$ 30,740,039	3.0%	3.8%
Years 65+		2,514	59	2.3%	3.6%	\$ 37,470,301	\$ 652,567	1.7%	4.3%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southeast

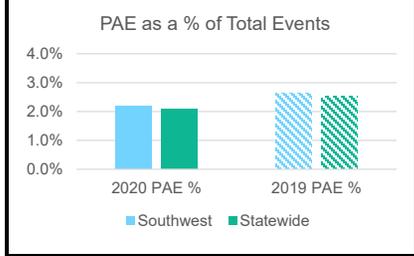
5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Southeast				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0662	SICKLE CELL ANEMIA CRISIS	211	\$ 1,931,491	8.8%	8.5%	334	\$ 2,842,354	6.7%	6.4%
2	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	157	\$ 2,671,508	6.5%	4.7%	323	\$ 4,807,651	6.5%	5.4%
3	0194	HEART FAILURE	151	\$ 2,288,218	6.3%	5.1%	238	\$ 3,303,793	4.8%	4.3%
4	0420	DIABETES	139	\$ 1,149,033	5.8%	6.0%	336	\$ 2,338,970	6.7%	6.7%
5	0140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	104	\$ 1,067,724	4.3%	5.1%	161	\$ 1,444,577	3.2%	4.4%
6	0425	OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS	68	\$ 707,430	2.8%	2.3%	90	\$ 900,116	1.8%	1.5%
7	0775	ALCOHOL ABUSE & DEPENDENCE	68	\$ 407,382	2.8%	3.8%	158	\$ 807,292	3.2%	3.7%
8	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	57	\$ 683,158	2.4%	2.1%	165	\$ 1,454,817	3.3%	3.2%
9	0133	RESPIRATORY FAILURE	45	\$ 699,922	1.9%	3.0%	115	\$ 1,591,795	2.3%	3.0%
10	0141	ASTHMA	42	\$ 319,592	1.8%	1.9%	70	\$ 481,608	1.4%	1.5%
All Else			1,355	\$ 18,588,389	56.5%	57.4%	2,996	\$ 36,152,153	60.1%	59.9%
Total			2,397	\$ 30,513,846	100.0%	100.0%	4,986	\$ 56,125,127	100.0%	100.0%



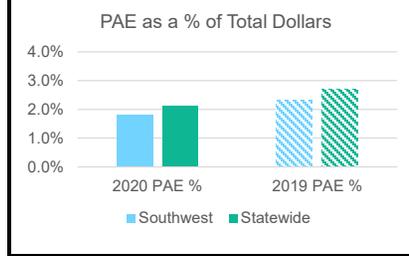
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southwest

1. Total Events		
	Southwest	Statewide
PAE	1,073	4,986
Total	49,036	238,044
2020 PAE %	2.2%	2.1%
2019 PAE %	2.6%	2.5%



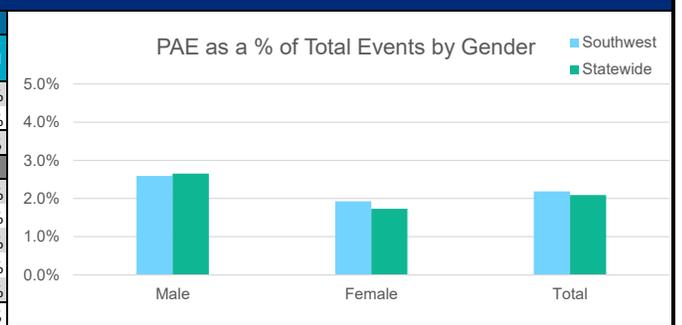
2. Total Dollars		
	Southwest	Statewide
PAE	\$ 9,470,429	\$ 56,125,127
Total	\$ 523,226,902	\$ 2,644,486,753
2020 PAE %	1.8%	2.1%
2019 PAE %	2.3%	2.7%



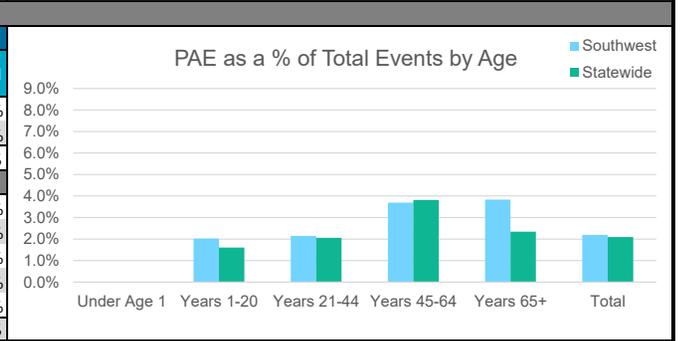
3. APR-DRG Case Mix Index		
	Southwest	Statewide
2020 PAE	1.443	1.375
2020 Total	1.217	1.188
2019 PAE	1.481	1.438
2019 Total	1.210	1.155



4. Events and Dollars by Age Band and Gender									
Southwest		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	19,264	499	2.6%	3.2%	\$ 254,762,120	\$ 4,545,197	1.8%	2.5%
All Ages	Female	29,772	574	1.9%	2.3%	\$ 268,464,782	\$ 4,925,232	1.8%	2.2%
Total		49,036	1,073	2.2%	2.6%	\$ 523,226,902	\$ 9,470,429	1.8%	2.3%
Under Age 1		9,868	-	0.0%	0.0%	\$ 80,835,740	\$ -	0.0%	0.0%
Years 1-20		5,587	113	2.0%	2.4%	\$ 78,985,268	\$ 1,342,094	1.7%	2.0%
Years 21-44		18,155	390	2.1%	2.6%	\$ 153,795,158	\$ 3,094,412	2.0%	2.5%
Years 45-64		15,113	558	3.7%	4.5%	\$ 205,686,845	\$ 4,959,713	2.4%	3.1%
Years 65+		313	12	3.8%	5.3%	\$ 3,923,891	\$ 74,210	1.9%	4.0%
Total		49,036	1,073	2.2%	2.6%	\$ 523,226,902	\$ 9,470,429	1.8%	2.3%



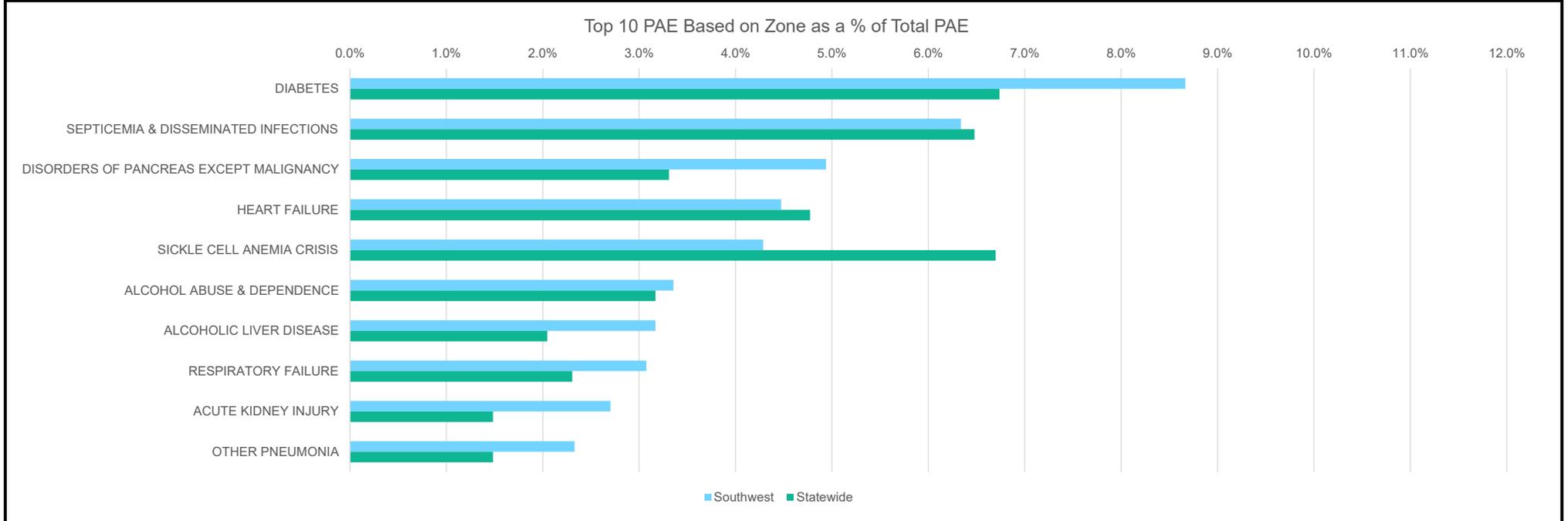
Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	93,353	2,478	2.7%	3.3%	\$ 1,301,457,014	\$ 28,989,402	2.2%	2.9%
All Ages	Female	144,691	2,508	1.7%	2.1%	\$ 1,343,029,739	\$ 27,135,725	2.0%	2.5%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%
Under Age 1		50,714	-	0.0%	0.0%	\$ 452,493,191	\$ -	0.0%	0.0%
Years 1-20		23,556	379	1.6%	2.1%	\$ 329,235,295	\$ 5,712,095	1.7%	2.8%
Years 21-44		91,740	1,892	2.1%	2.4%	\$ 793,959,871	\$ 19,020,426	2.4%	2.8%
Years 45-64		69,520	2,656	3.8%	4.8%	\$ 1,031,328,095	\$ 30,740,039	3.0%	3.8%
Years 65+		2,514	59	2.3%	3.6%	\$ 37,470,301	\$ 652,567	1.7%	4.3%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southwest

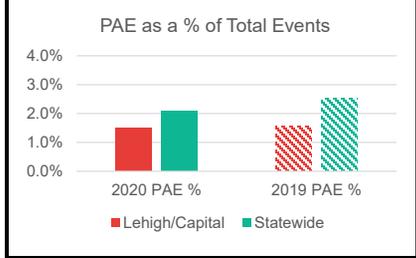
5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Southwest				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0420	DIABETES	93	\$ 507,961	8.7%	7.6%	336	\$ 2,338,970	6.7%	6.7%
2	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	68	\$ 930,384	6.3%	7.3%	323	\$ 4,807,651	6.5%	5.4%
3	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	53	\$ 360,307	4.9%	5.4%	165	\$ 1,454,817	3.3%	3.2%
4	0194	HEART FAILURE	48	\$ 377,608	4.5%	3.8%	238	\$ 3,303,793	4.8%	4.3%
5	0662	SICKLE CELL ANEMIA CRISIS	46	\$ 290,850	4.3%	5.0%	334	\$ 2,842,354	6.7%	6.4%
6	0775	ALCOHOL ABUSE & DEPENDENCE	36	\$ 134,671	3.4%	4.4%	158	\$ 807,292	3.2%	3.7%
7	0280	ALCOHOLIC LIVER DISEASE	34	\$ 309,070	3.2%	2.5%	102	\$ 888,861	2.0%	1.7%
8	0133	RESPIRATORY FAILURE	33	\$ 223,079	3.1%	3.0%	115	\$ 1,591,795	2.3%	3.0%
9	0469	ACUTE KIDNEY INJURY	29	\$ 212,175	2.7%	1.9%	74	\$ 844,459	1.5%	1.6%
10	0139	OTHER PNEUMONIA	25	\$ 181,954	2.3%	1.7%	74	\$ 809,689	1.5%	1.3%
All Else			608	\$ 5,942,370	56.7%	57.3%	3,067	\$ 36,435,445	61.5%	62.7%
Total			1,073	\$ 9,470,429	100.0%	100.0%	4,986	\$ 56,125,127	100.0%	100.0%



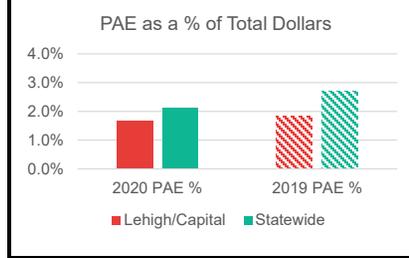
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Lehigh/Capital

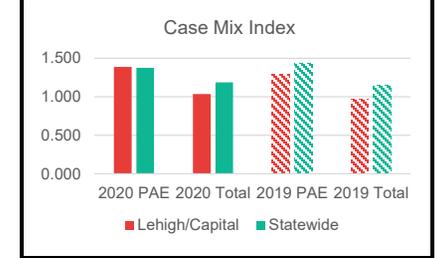
1. Total Events		
	Lehigh/Capital	Statewide
PAE	743	4,986
Total	49,473	238,044
2020 PAE %	1.5%	2.1%
2019 PAE %	1.6%	2.5%



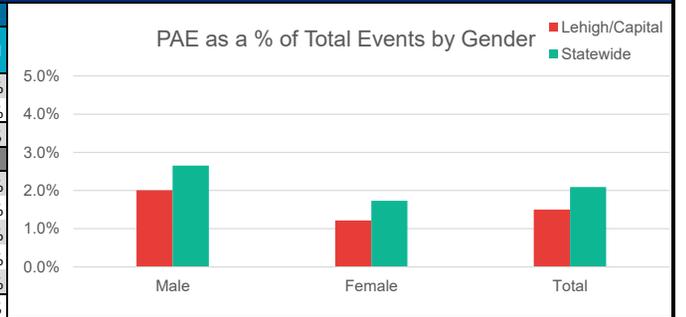
2. Total Dollars		
	Lehigh/Capital	Statewide
PAE	\$ 7,647,764	\$ 56,125,127
Total	\$ 451,040,646	\$ 2,644,486,753
2020 PAE %	1.7%	2.1%
2019 PAE %	1.8%	2.7%



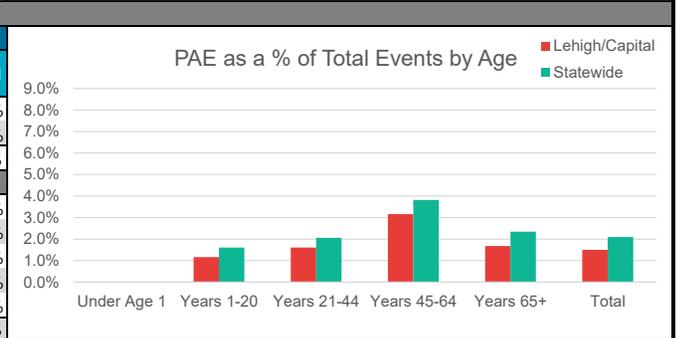
3. APR-DRG Case Mix Index		
	Lehigh/Capital	Statewide
2020 PAE	1.387	1.375
2020 Total	1.036	1.188
2019 PAE	1.288	1.438
2019 Total	0.974	1.155



4. Events and Dollars by Age Band and Gender									
Lehigh/Capital		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	17,762	357	2.0%	2.1%	\$ 207,949,466	\$ 3,983,566	1.9%	2.0%
All Ages	Female	31,711	386	1.2%	1.3%	\$ 243,091,180	\$ 3,664,198	1.5%	1.7%
Total		49,473	743	1.5%	1.6%	\$ 451,040,646	\$ 7,647,764	1.7%	1.8%
Under Age 1		12,976	-	0.0%	0.0%	\$ 83,925,103	\$ -	0.0%	0.0%
Years 1-20		4,816	56	1.2%	1.5%	\$ 45,300,868	\$ 680,898	1.5%	1.7%
Years 21-44		19,610	314	1.6%	1.5%	\$ 145,014,385	\$ 2,717,606	1.9%	2.1%
Years 45-64		11,534	364	3.2%	3.7%	\$ 169,531,367	\$ 4,141,675	2.4%	2.7%
Years 65+		537	9	1.7%	1.7%	\$ 7,268,923	\$ 107,586	1.5%	2.5%
Total		49,473	743	1.5%	1.6%	\$ 451,040,646	\$ 7,647,764	1.7%	1.8%



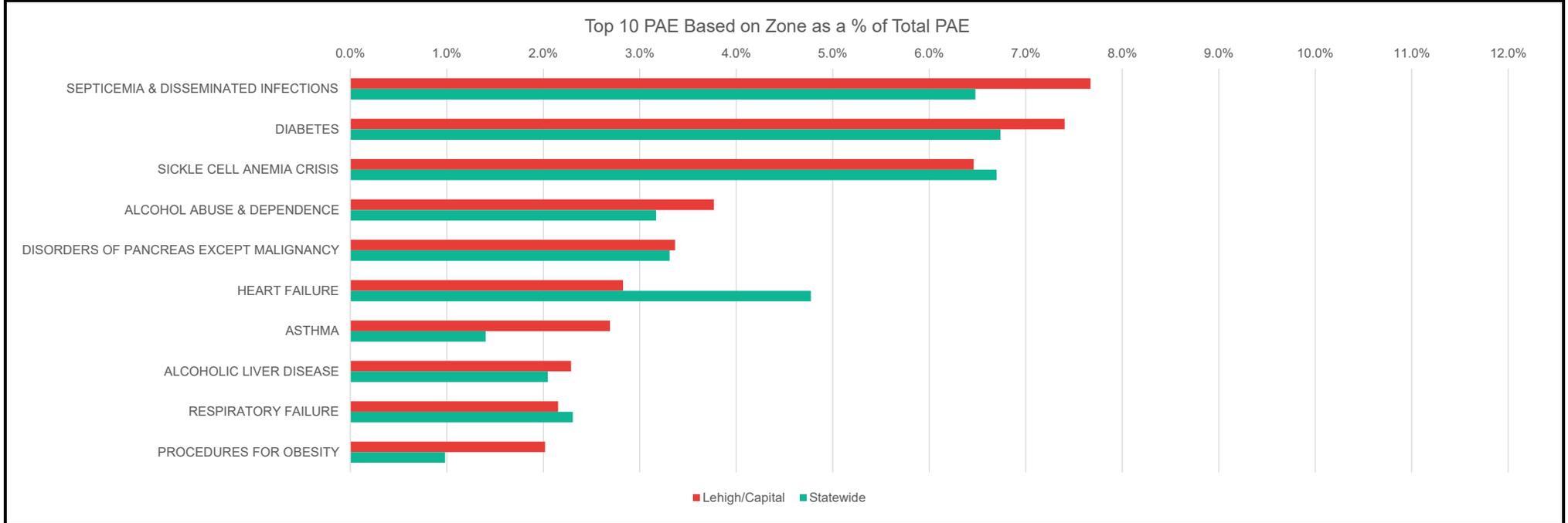
Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	93,353	2,478	2.7%	3.3%	\$ 1,301,457,014	\$ 28,989,402	2.2%	2.9%
All Ages	Female	144,691	2,508	1.7%	2.1%	\$ 1,343,029,739	\$ 27,135,725	2.0%	2.5%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%
Under Age 1		50,714	-	0.0%	0.0%	\$ 452,493,191	\$ -	0.0%	0.0%
Years 1-20		23,556	379	1.6%	2.1%	\$ 329,235,295	\$ 5,712,095	1.7%	2.8%
Years 21-44		91,740	1,892	2.1%	2.4%	\$ 793,959,871	\$ 19,020,426	2.4%	2.8%
Years 45-64		69,520	2,656	3.8%	4.8%	\$ 1,031,328,095	\$ 30,740,039	3.0%	3.8%
Years 65+		2,514	59	2.3%	3.6%	\$ 37,470,301	\$ 652,567	1.7%	4.3%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Lehigh/Capital

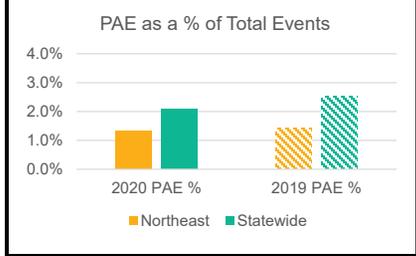
5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Lehigh/Capital				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	57	\$ 592,027	7.7%	4.7%	323	\$ 4,807,651	6.5%	5.4%
2	0420	DIABETES	55	\$ 342,580	7.4%	5.9%	336	\$ 2,338,970	6.7%	6.7%
3	0662	SICKLE CELL ANEMIA CRISIS	48	\$ 399,368	6.5%	4.8%	334	\$ 2,842,354	6.7%	6.4%
4	0775	ALCOHOL ABUSE & DEPENDENCE	28	\$ 118,638	3.8%	4.5%	158	\$ 807,292	3.2%	3.7%
5	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	25	\$ 196,525	3.4%	3.7%	165	\$ 1,454,817	3.3%	3.2%
6	0194	HEART FAILURE	21	\$ 386,948	2.8%	3.2%	238	\$ 3,303,793	4.8%	4.3%
7	0141	ASTHMA	20	\$ 118,032	2.7%	2.0%	70	\$ 481,608	1.4%	1.5%
8	0280	ALCOHOLIC LIVER DISEASE	17	\$ 87,491	2.3%	2.1%	102	\$ 888,861	2.0%	1.7%
9	0133	RESPIRATORY FAILURE	16	\$ 337,425	2.2%	2.9%	115	\$ 1,591,795	2.3%	3.0%
10	0403	PROCEDURES FOR OBESITY	15	\$ 113,032	2.0%	1.4%	49	\$ 458,549	1.0%	0.8%
All Else			441	\$ 4,955,699	59.4%	64.8%	3,096	\$ 37,149,436	62.1%	63.4%
Total			743	\$ 7,647,764	100.0%	100.0%	4,986	\$ 56,125,127	100.0%	100.0%



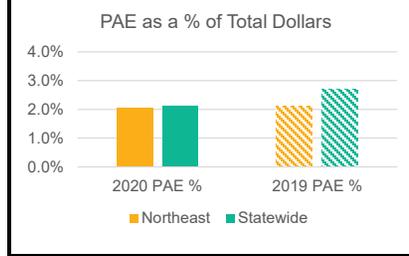
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northeast

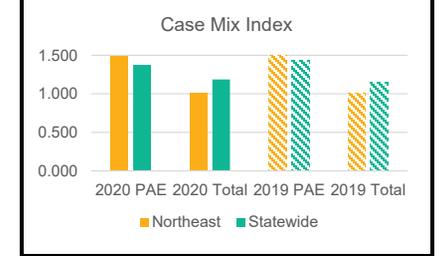
1. Total Events		
	Northeast	Statewide
PAE	363	4,986
Total	27,232	238,044
2020 PAE %	1.3%	2.1%
2019 PAE %	1.4%	2.5%



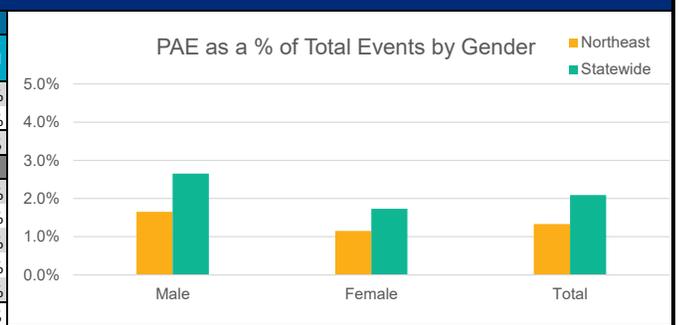
2. Total Dollars		
	Northeast	Statewide
PAE	\$ 4,496,493	\$ 56,125,127
Total	\$ 218,627,020	\$ 2,644,486,753
2020 PAE %	2.1%	2.1%
2019 PAE %	2.1%	2.7%



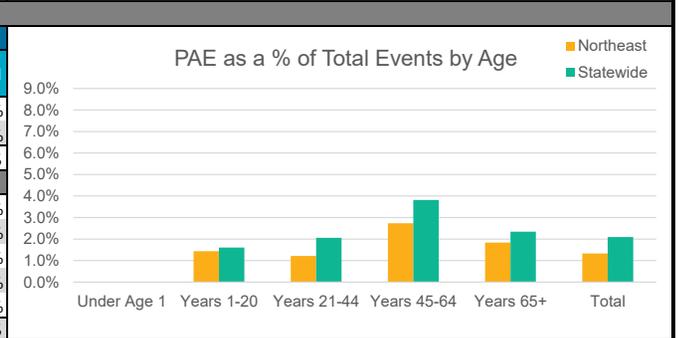
3. APR-DRG Case Mix Index		
	Northeast	Statewide
2020 PAE	1.494	1.375
2020 Total	1.010	1.188
2019 PAE	1.493	1.438
2019 Total	1.003	1.155



4. Events and Dollars by Age Band and Gender									
Northeast		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	9,854	163	1.7%	1.9%	\$ 95,798,653	\$ 2,042,295	2.1%	2.5%
All Ages	Female	17,378	200	1.2%	1.2%	\$ 122,828,366	\$ 2,454,198	2.0%	1.8%
Total		27,232	363	1.3%	1.4%	\$ 218,627,020	\$ 4,496,493	2.1%	2.1%
Under Age 1		6,742	-	0.0%	0.0%	\$ 29,731,495	\$ -	0.0%	0.0%
Years 1-20		2,510	36	1.4%	1.0%	\$ 21,893,916	\$ 465,877	2.1%	0.9%
Years 21-44		10,722	130	1.2%	1.4%	\$ 73,048,700	\$ 1,616,000	2.2%	2.6%
Years 45-64		7,095	194	2.7%	3.1%	\$ 91,983,443	\$ 2,368,741	2.6%	2.9%
Years 65+		163	3	1.8%	0.0%	\$ 1,969,466	\$ 45,875	2.3%	0.0%
Total		27,232	363	1.3%	1.4%	\$ 218,627,020	\$ 4,496,493	2.1%	2.1%



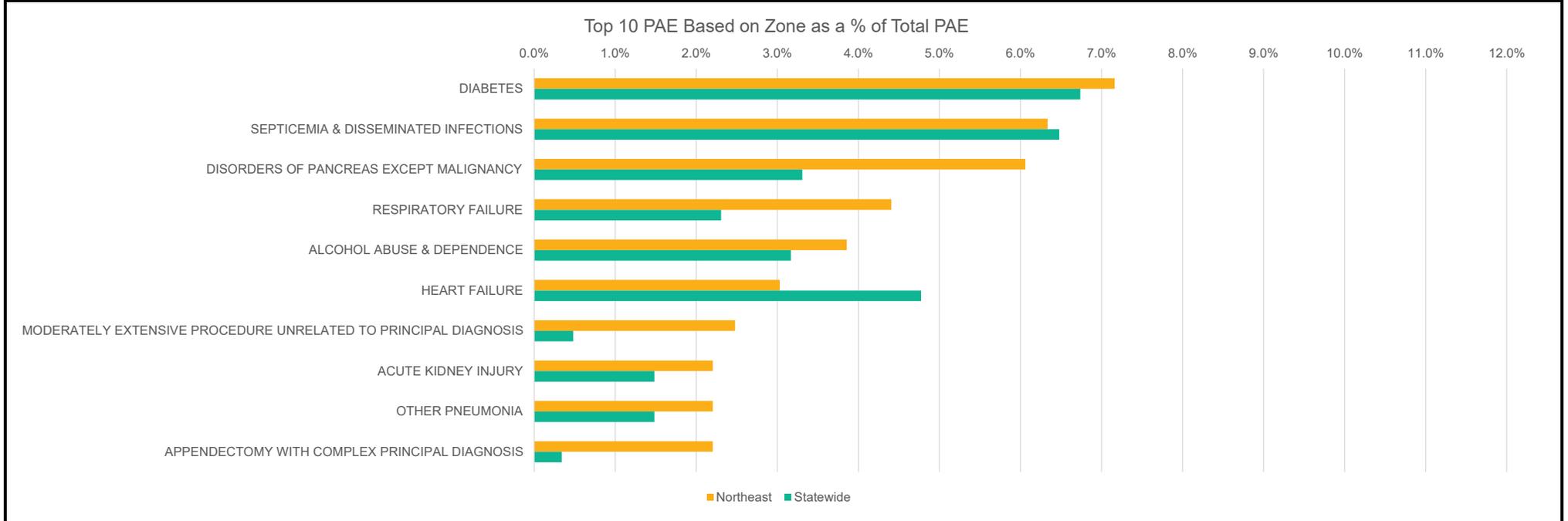
Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	93,353	2,478	2.7%	3.3%	\$ 1,301,457,014	\$ 28,989,402	2.2%	2.9%
All Ages	Female	144,691	2,508	1.7%	2.1%	\$ 1,343,029,739	\$ 27,135,725	2.0%	2.5%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%
Under Age 1		50,714	-	0.0%	0.0%	\$ 452,493,191	\$ -	0.0%	0.0%
Years 1-20		23,556	379	1.6%	2.1%	\$ 329,235,295	\$ 5,712,095	1.7%	2.8%
Years 21-44		91,740	1,892	2.1%	2.4%	\$ 793,959,871	\$ 19,020,426	2.4%	2.8%
Years 45-64		69,520	2,656	3.8%	4.8%	\$ 1,031,328,095	\$ 30,740,039	3.0%	3.8%
Years 65+		2,514	59	2.3%	3.6%	\$ 37,470,301	\$ 652,567	1.7%	4.3%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northeast

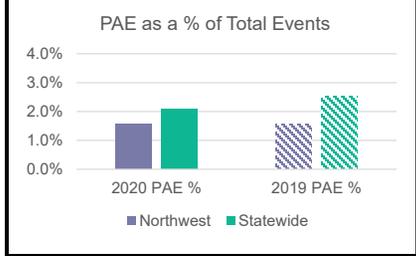
5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Northeast				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0420	DIABETES	26	\$ 203,954	7.2%	10.6%	336	\$ 2,338,970	6.7%	6.7%
2	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	23	\$ 398,534	6.3%	7.5%	323	\$ 4,807,651	6.5%	5.4%
3	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	22	\$ 148,610	6.1%	4.8%	165	\$ 1,454,817	3.3%	3.2%
4	0133	RESPIRATORY FAILURE	16	\$ 291,038	4.4%	3.3%	115	\$ 1,591,795	2.3%	3.0%
5	0775	ALCOHOL ABUSE & DEPENDENCE	14	\$ 99,795	3.9%	1.8%	158	\$ 807,292	3.2%	3.7%
6	0194	HEART FAILURE	11	\$ 195,105	3.0%	4.0%	238	\$ 3,303,793	4.8%	4.3%
7	0951	MODERATELY EXTENSIVE PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	9	\$ 190,573	2.5%	0.0%	24	\$ 294,691	0.5%	0.3%
8	0469	ACUTE KIDNEY INJURY	8	\$ 107,802	2.2%	3.0%	74	\$ 844,459	1.5%	1.6%
9	0139	OTHER PNEUMONIA	8	\$ 88,353	2.2%	2.8%	74	\$ 809,689	1.5%	1.3%
10	0233	APPENDECTOMY WITH COMPLEX PRINCIPAL DIAGNOSIS	8	\$ 79,682	2.2%	1.0%	17	\$ 189,027	0.3%	0.2%
All Else			218	\$ 2,693,046	60.1%	61.3%	3,462	\$ 39,682,943	69.4%	70.3%
Total			363	\$ 4,496,493	100.0%	100.0%	4,986	\$ 56,125,127	100.0%	100.0%



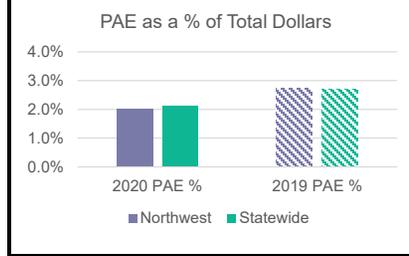
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northwest

1. Total Events		
	Northwest	Statewide
PAE	187	4,986
Total	11,808	238,044
2020 PAE %	1.6%	2.1%
2019 PAE %	1.6%	2.5%



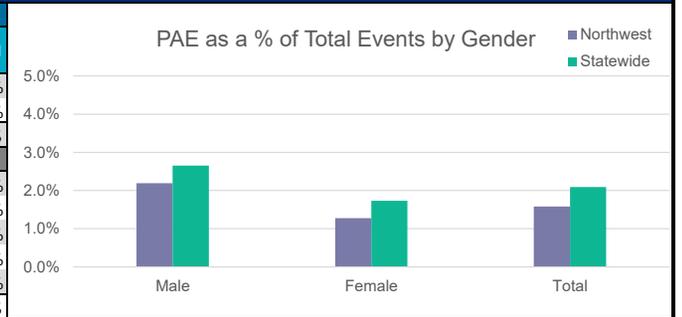
2. Total Dollars		
	Northwest	Statewide
PAE	\$ 1,601,246	\$ 56,125,127
Total	\$ 79,153,583	\$ 2,644,486,753
2020 PAE %	2.0%	2.1%
2019 PAE %	2.7%	2.7%



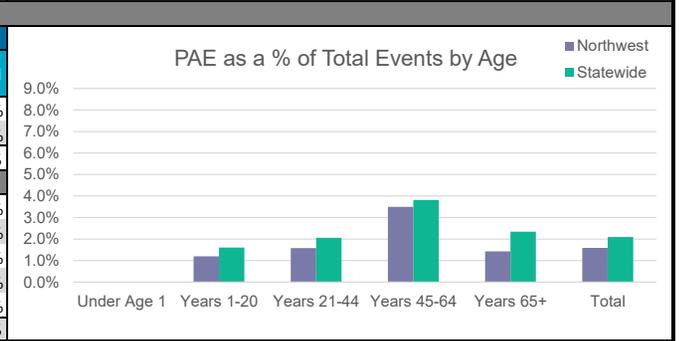
3. APR-DRG Case Mix Index		
	Northwest	Statewide
2020 PAE	1.201	1.375
2020 Total	0.939	1.188
2019 PAE	1.440	1.438
2019 Total	0.860	1.155



4. Events and Dollars by Age Band and Gender									
Northwest		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	3,965	87	2.2%	2.4%	\$ 32,820,664	\$ 803,690	2.4%	3.2%
All Ages	Female	7,843	100	1.3%	1.1%	\$ 46,332,919	\$ 797,555	1.7%	2.4%
Total		11,808	187	1.6%	1.6%	\$ 79,153,583	\$ 1,601,246	2.0%	2.7%
Under Age 1		3,411	-	0.0%	0.0%	\$ 12,628,114	\$ -	0.0%	0.0%
Years 1-20		752	9	1.2%	0.6%	\$ 3,165,144	\$ 34,394	1.1%	9.6%
Years 21-44		4,572	72	1.6%	1.3%	\$ 26,785,015	\$ 799,727	3.0%	1.8%
Years 45-64		3,003	105	3.5%	4.2%	\$ 35,391,474	\$ 756,117	2.1%	3.7%
Years 65+		70	1	1.4%	8.0%	\$ 1,183,837	\$ 11,008	0.9%	2.9%
Total		11,808	187	1.6%	1.6%	\$ 79,153,583	\$ 1,601,246	2.0%	2.7%



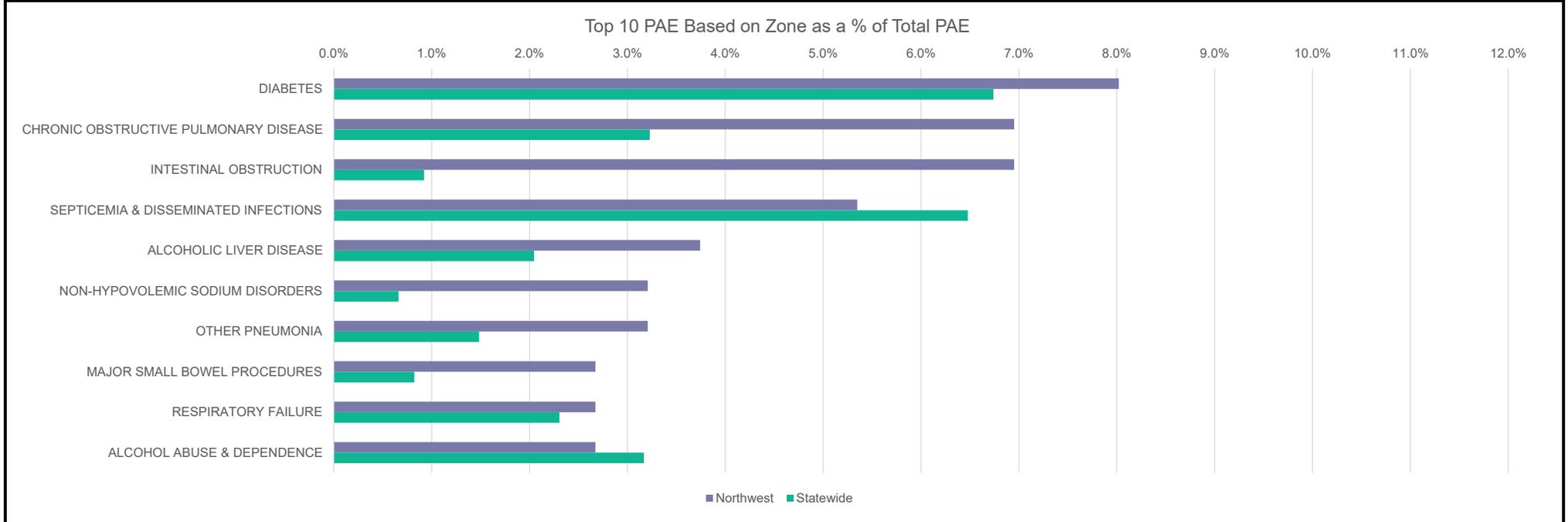
Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	93,353	2,478	2.7%	3.3%	\$ 1,301,457,014	\$ 28,989,402	2.2%	2.9%
All Ages	Female	144,691	2,508	1.7%	2.1%	\$ 1,343,029,739	\$ 27,135,725	2.0%	2.5%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%
Under Age 1		50,714	-	0.0%	0.0%	\$ 452,493,191	\$ -	0.0%	0.0%
Years 1-20		23,556	379	1.6%	2.1%	\$ 329,235,295	\$ 5,712,095	1.7%	2.8%
Years 21-44		91,740	1,892	2.1%	2.4%	\$ 793,959,871	\$ 19,020,426	2.4%	2.8%
Years 45-64		69,520	2,656	3.8%	4.8%	\$ 1,031,328,095	\$ 30,740,039	3.0%	3.8%
Years 65+		2,514	59	2.3%	3.6%	\$ 37,470,301	\$ 652,567	1.7%	4.3%
Total		238,044	4,986	2.1%	2.5%	\$ 2,644,486,753	\$ 56,125,127	2.1%	2.7%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northwest

5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Northwest				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0420	DIABETES	15	\$ 83,670	8.0%	5.1%	336	\$ 2,338,970	6.7%	6.7%
2	0140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	13	\$ 85,753	7.0%	6.1%	161	\$ 1,444,577	3.2%	4.4%
3	0247	INTESTINAL OBSTRUCTION	13	\$ 65,985	7.0%	0.0%	46	\$ 299,295	0.9%	0.6%
4	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	10	\$ 65,377	5.3%	6.1%	323	\$ 4,807,651	6.5%	5.4%
5	0280	ALCOHOLIC LIVER DISEASE	7	\$ 46,906	3.7%	0.5%	102	\$ 888,861	2.0%	1.7%
6	0426	NON-HYPOVOLEMIC SODIUM DISORDERS	6	\$ 95,699	3.2%	0.5%	33	\$ 540,320	0.7%	0.4%
7	0139	OTHER PNEUMONIA	6	\$ 30,886	3.2%	1.0%	74	\$ 809,689	1.5%	1.3%
8	0230	MAJOR SMALL BOWEL PROCEDURES	5	\$ 50,678	2.7%	3.6%	41	\$ 339,812	0.8%	0.8%
9	0133	RESPIRATORY FAILURE	5	\$ 40,331	2.7%	4.1%	115	\$ 1,591,795	2.3%	3.0%
10	0775	ALCOHOL ABUSE & DEPENDENCE	5	\$ 34,647	2.7%	1.5%	158	\$ 807,292	3.2%	3.7%
All Else			102	\$ 1,001,312	54.5%	71.6%	3,597	\$ 42,256,864	72.1%	72.1%
Total			187	\$ 1,601,246	100.0%	100.0%	4,986	\$ 56,125,127	100.0%	100.0%



Appendix B

Potentially Avoidable Complications — MCO Beneficiaries

Contents

Table Number	Table Title
1	Events by Potentially Avoidable Complication

The table identified above is included for each zone. Zone results are displayed in the following order: Southeast, Southwest, Lehigh/Capital, Northeast, and Northwest. This is the fourth year of the analysis; therefore, both CY 2020 and CY 2019 results are available and displayed as applicable.

Detailed Description of Tables

Table 1 — displays the total number and types of PACs. This value is displayed at both the zone and statewide level.

Additional Notes Regarding Data

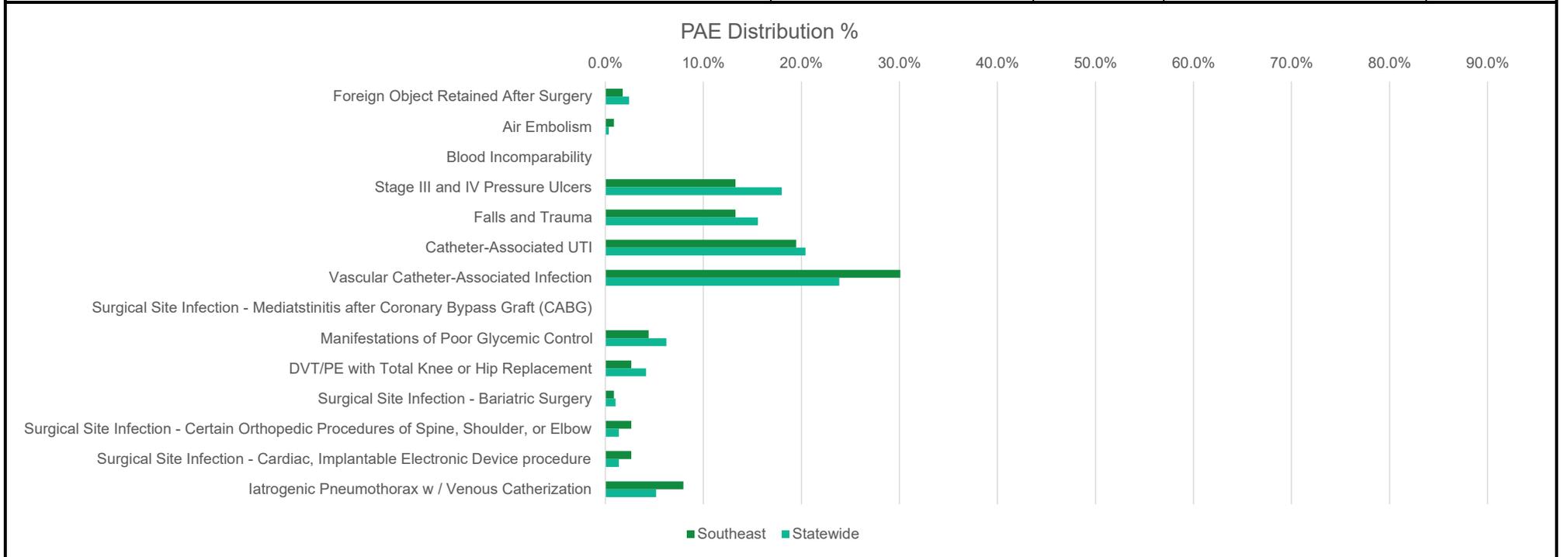
1. Admissions and Dollars for CY 2020 service dates are based on PH HealthChoices MCO encounter data and CHC-MCO encounter data submitted through January 7, 2022.
2. Inpatient is defined as acute inpatient hospital admissions.
3. HCACs are identified using the following process:
 - A. HCACs are identified using publicly available CMS diagnosis and procedure code criteria for fiscal year (FY) 2020.
 - B. Identified HCACs are then reviewed using POA criteria included on PH HealthChoices MCO and CHC-MCO submitted encounter data.

4. PAEs exclude claims with provider types other than "01" (Acute Care Hospital).

Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southeast

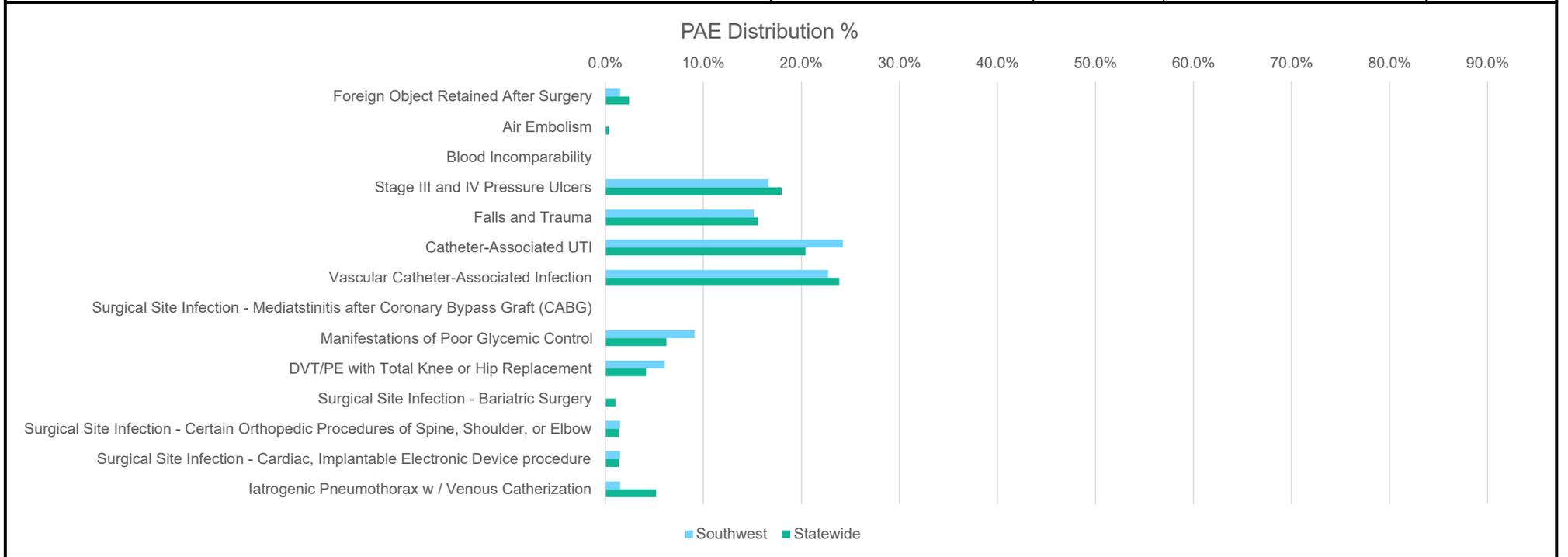
1. Events by Potentially Avoidable Complication		Southeast			Statewide		
PAC #	PAC Description	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	2	1.8%	2.9%	7	2.4%	3.1%
2	Air Embolism	1	0.9%	0.0%	1	0.3%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.4%
4	Stage III and IV Pressure Ulcers	15	13.3%	7.7%	52	18.0%	7.8%
5	Falls and Trauma	15	13.3%	15.4%	45	15.6%	12.9%
6	Catheter-Associated UTI	22	19.5%	16.3%	59	20.4%	13.7%
7	Vascular Catheter-Associated Infection	34	30.1%	35.6%	69	23.9%	33.6%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	5	4.4%	11.5%	18	6.2%	13.3%
10	DVT/PE with Total Knee or Hip Replacement	3	2.7%	1.0%	12	4.2%	3.1%
11	Surgical Site Infection - Bariatric Surgery	1	0.9%	0.0%	3	1.0%	0.4%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	3	2.7%	0.0%	4	1.4%	2.0%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	3	2.7%	1.9%	4	1.4%	0.8%
14	Iatrogenic Pneumothorax w / Venous Catherization	9	8.0%	7.7%	15	5.2%	9.0%
Total		113	100.0%	100.0%	289	100.0%	100.0%



Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southwest

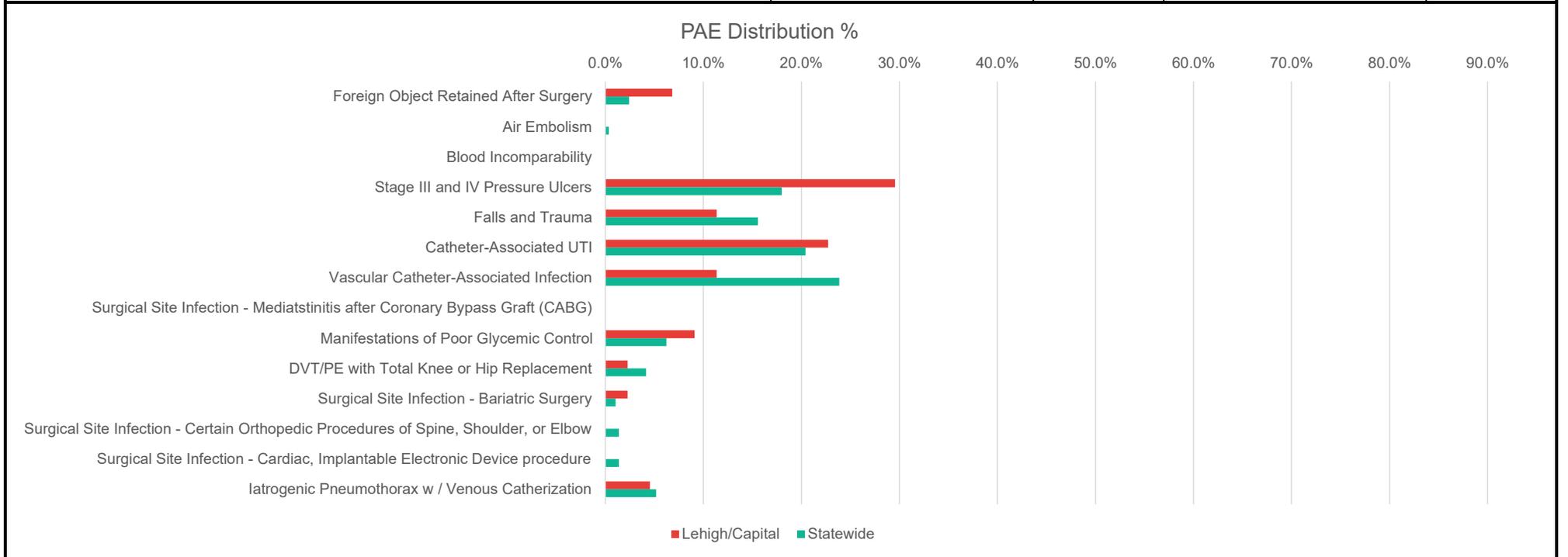
1. Events by Potentially Avoidable Complication		Southwest			Statewide		
PAC #	PAC Description	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	1	1.5%	4.1%	7	2.4%	3.1%
2	Air Embolism	-	0.0%	0.0%	1	0.3%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.4%
4	Stage III and IV Pressure Ulcers	11	16.7%	5.5%	52	18.0%	7.8%
5	Falls and Trauma	10	15.2%	11.0%	45	15.6%	12.9%
6	Catheter-Associated UTI	16	24.2%	9.6%	59	20.4%	13.7%
7	Vascular Catheter-Associated Infection	15	22.7%	39.7%	69	23.9%	33.6%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	6	9.1%	11.0%	18	6.2%	13.3%
10	DVT/PE with Total Knee or Hip Replacement	4	6.1%	6.8%	12	4.2%	3.1%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	0.0%	3	1.0%	0.4%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	1	1.5%	1.4%	4	1.4%	2.0%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	1	1.5%	0.0%	4	1.4%	0.8%
14	Iatrogenic Pneumothorax w / Venous Catherization	1	1.5%	11.0%	15	5.2%	9.0%
Total		66	100.0%	100.0%	289	100.0%	100.0%



Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Lehigh/Capital

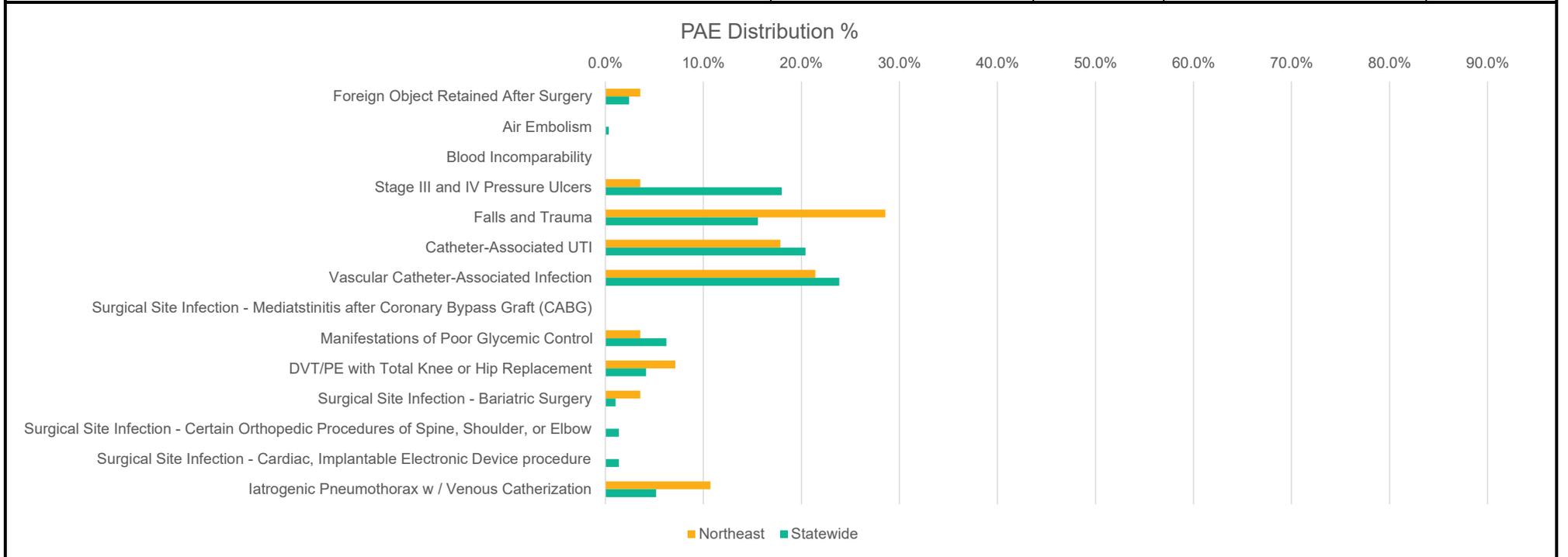
1. Events by Potentially Avoidable Complication		Lehigh/Capital			Statewide		
PAC #	PAC Description	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	3	6.8%	0.0%	7	2.4%	3.1%
2	Air Embolism	-	0.0%	0.0%	1	0.3%	0.0%
3	Blood Incomparability	-	0.0%	2.6%	-	0.0%	0.4%
4	Stage III and IV Pressure Ulcers	13	29.5%	13.2%	52	18.0%	7.8%
5	Falls and Trauma	5	11.4%	15.8%	45	15.6%	12.9%
6	Catheter-Associated UTI	10	22.7%	7.9%	59	20.4%	13.7%
7	Vascular Catheter-Associated Infection	5	11.4%	23.7%	69	23.9%	33.6%
8	Surgical Site Infection - Mediatstinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	4	9.1%	23.7%	18	6.2%	13.3%
10	DVT/PE with Total Knee or Hip Replacement	1	2.3%	2.6%	12	4.2%	3.1%
11	Surgical Site Infection - Bariatric Surgery	1	2.3%	0.0%	3	1.0%	0.4%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	2.6%	4	1.4%	2.0%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	4	1.4%	0.8%
14	Iatrogenic Pneumothorax w / Venous Catherization	2	4.5%	7.9%	15	5.2%	9.0%
Total		44	100.0%	100.0%	289	100.0%	100.0%



Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northeast

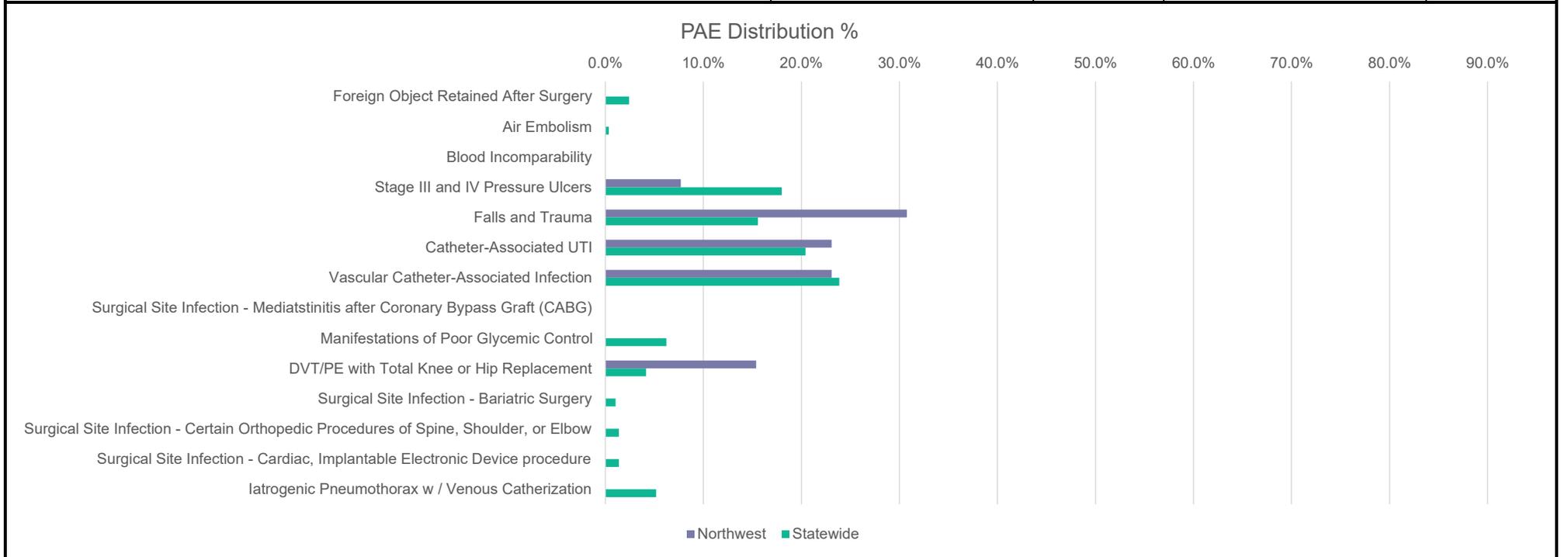
1. Events by Potentially Avoidable Complication		Northeast			Statewide		
		PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	1	3.6%	10.0%	7	2.4%	3.1%
2	Air Embolism	-	0.0%	0.0%	1	0.3%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.4%
4	Stage III and IV Pressure Ulcers	1	3.6%	5.0%	52	18.0%	7.8%
5	Falls and Trauma	8	28.6%	5.0%	45	15.6%	12.9%
6	Catheter-Associated UTI	5	17.9%	5.0%	59	20.4%	13.7%
7	Vascular Catheter-Associated Infection	6	21.4%	35.0%	69	23.9%	33.6%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	1	3.6%	5.0%	18	6.2%	13.3%
10	DVT/PE with Total Knee or Hip Replacement	2	7.1%	5.0%	12	4.2%	3.1%
11	Surgical Site Infection - Bariatric Surgery	1	3.6%	5.0%	3	1.0%	0.4%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	10.0%	4	1.4%	2.0%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	4	1.4%	0.8%
14	Iatrogenic Pneumothorax w / Venous Catherization	3	10.7%	15.0%	15	5.2%	9.0%
Total		28	100.0%	100.0%	289	100.0%	100.0%



Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northwest

1. Events by Potentially Avoidable Complication		Northwest			Statewide		
		PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	7	2.4%	3.1%
2	Air Embolism	-	0.0%	0.0%	1	0.3%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.4%
4	Stage III and IV Pressure Ulcers	1	7.7%	0.0%	52	18.0%	7.8%
5	Falls and Trauma	4	30.8%	0.0%	45	15.6%	12.9%
6	Catheter-Associated UTI	3	23.1%	0.0%	59	20.4%	13.7%
7	Vascular Catheter-Associated Infection	3	23.1%	0.0%	69	23.9%	33.6%
8	Surgical Site Infection - Mediatstinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	-	0.0%	80.0%	18	6.2%	13.3%
10	DVT/PE with Total Knee or Hip Replacement	2	15.4%	0.0%	12	4.2%	3.1%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	0.0%	3	1.0%	0.4%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	0.0%	4	1.4%	2.0%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	4	1.4%	0.8%
14	Iatrogenic Pneumothorax w / Venous Catherization	-	0.0%	20.0%	15	5.2%	9.0%
Total		13	100.0%	100.0%	289	100.0%	100.0%



Appendix C

Potentially Avoidable Readmissions — FFS Beneficiaries

Contents

Table Number	Table Title
1	Total Events
2	Total Dollars
3	APR-DRG Case Mix Index
4	Events and Dollars by Age Band and Gender
5	Events and Dollars by Top 10 APR-DRG

The tables identified above are included for each zone. Zone results are displayed in the following order: Southeast, Southwest, Lehigh/Capital, Northeast, and Northwest. This is the fourth year of the analysis; therefore, both CY 2020 and CY 2019 results are available and displayed as applicable.

Detailed Description of Tables

Table 1 — displays the total number of PAR as a percentage of total inpatient hospital admissions. This value is displayed at both the zone and statewide level.

Table 2 — displays the total expenditures related to PAR as a percentage of total inpatient hospital expenditures. This value is displayed at both the zone and statewide level.

Table 3 — displays the average APR-DRG CMI for those admissions identified as PARs at the zone and statewide level. Also displays the APR-DRG average CMI for all admissions at the zone and statewide level.

Table 4 — displays the total number of PAR as a percentage of total inpatient hospital admissions by age band and gender. These values are displayed at both the zone and statewide level.

Table 5 — displays the 10 most frequent diagnosis (APR-DRG) in the zone that result in PARs within the zone. These values are displayed at both the zone and statewide level.

Additional Notes Regarding Data

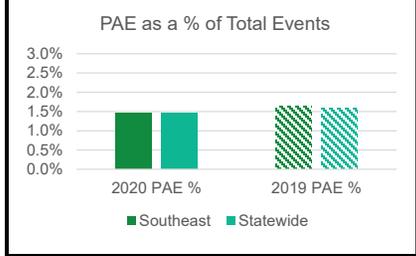
1. Admissions and Dollars for CY 2020 service dates are based on FFS claims data submitted through December 31, 2021.
2. Inpatient is defined as acute inpatient hospital admissions.
3. APR-DRGs are assigned by PROMISe system and represent APR-DRG version 37. CMI reflects the average APR-DRG relative value weight across all admissions as established by the Department. If APR-DRG relative value weight was not present on the claim, an average relative value weight was assigned. These average relative value weights were calculated at the hospital level.
4. There are always at least two admissions related to a PAR. The first admission is referred to as the “anchor admission”. When the beneficiary is discharged and admitted again within 30 days, the subsequent admission is referred to as a “readmission”. The PAR APR-DRG is assigned based on the anchor admission.
5. Replacement costs are not considered in this analysis.
6. Age and gender are assigned using eligibility files provided by the Department.
7. Claims with revenue code 0762 and no room and board code, indicating an observation stay, were excluded from PAR analysis.

8. Readmissions are defined as inpatient hospital admissions within 30 days of an admission for the same beneficiary with any DRG at any facility. Not all readmissions within 30 days are considered potentially avoidable. Therefore, Mercer clinicians review readmissions (line by line) to determine if the readmission should be considered potentially avoidable. An admission is not considered potentially avoidable when:
 - A. Beneficiary has a qualifying clinical global exclusion diagnosis (examples include trauma and malignancies).
 - B. Beneficiary is three years of age and under or 85 years of age and older.
 - C. Beneficiary has a qualifying outpatient encounter between admissions.
 - D. Beneficiary was discharged due to death or to hospice.
9. Beneficiaries eligible for Medicare Part D or Medicare Advantage are excluded from analysis.
10. PAR values displayed are post clinical global exclusions and clinical review (as described in number 8 above). Targeted efficiency levels are not applied.

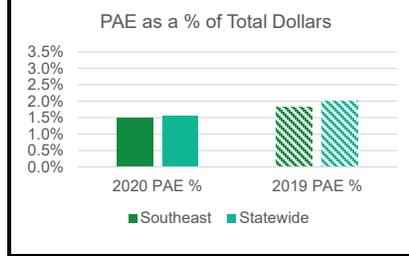
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southeast

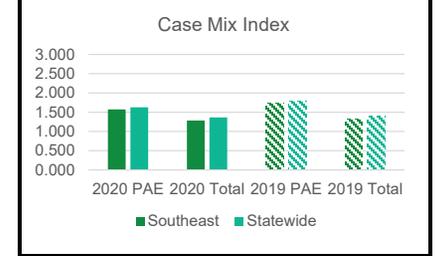
	Southeast	Statewide
PAE	202	458
Total	13,751	31,124
2020 PAE %	1.5%	1.5%
2019 PAE %	1.6%	1.6%



	Southeast	Statewide
PAE	\$ 2,665,094	\$ 6,167,922
Total	\$ 176,480,525	\$ 393,183,965
2020 PAE %	1.5%	1.6%
2019 PAE %	1.8%	2.0%

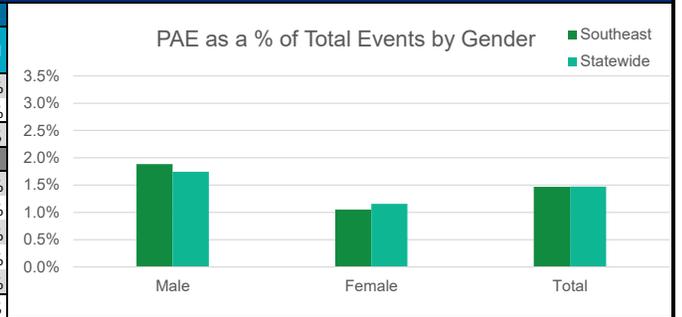


	Southeast	Statewide
2020 PAE	1.573	1.626
2020 Total	1.287	1.363
2019 PAE	1.722	1.790
2019 Total	1.321	1.399

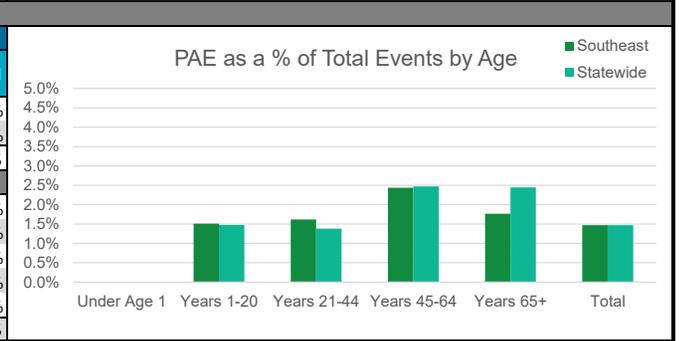


4. Events and Dollars by Age Band and Gender

Southeast		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	6,895	130	1.9%	2.3%	\$ 113,802,310	\$ 1,851,810	1.6%	1.7%
All Ages	Female	6,856	72	1.1%	1.0%	\$ 62,678,215	\$ 813,284	1.3%	2.0%
Total		13,751	202	1.5%	1.6%	\$ 176,480,525	\$ 2,665,094	1.5%	1.8%
Under Age 1		3,142	-	0.0%	0.0%	\$ 27,041,329	\$ -	0.0%	0.0%
Years 1-20		596	9	1.5%	1.1%	\$ 6,340,684	\$ 226,180	3.6%	1.0%
Years 21-44		5,626	91	1.6%	1.6%	\$ 63,424,603	\$ 1,112,561	1.8%	2.0%
Years 45-64		3,651	89	2.4%	3.2%	\$ 66,682,477	\$ 1,132,485	1.7%	2.6%
Years 65+		736	13	1.8%	1.8%	\$ 12,991,432	\$ 193,868	1.5%	2.0%
Total		13,751	202	1.5%	1.6%	\$ 176,480,525	\$ 2,665,094	1.5%	1.8%



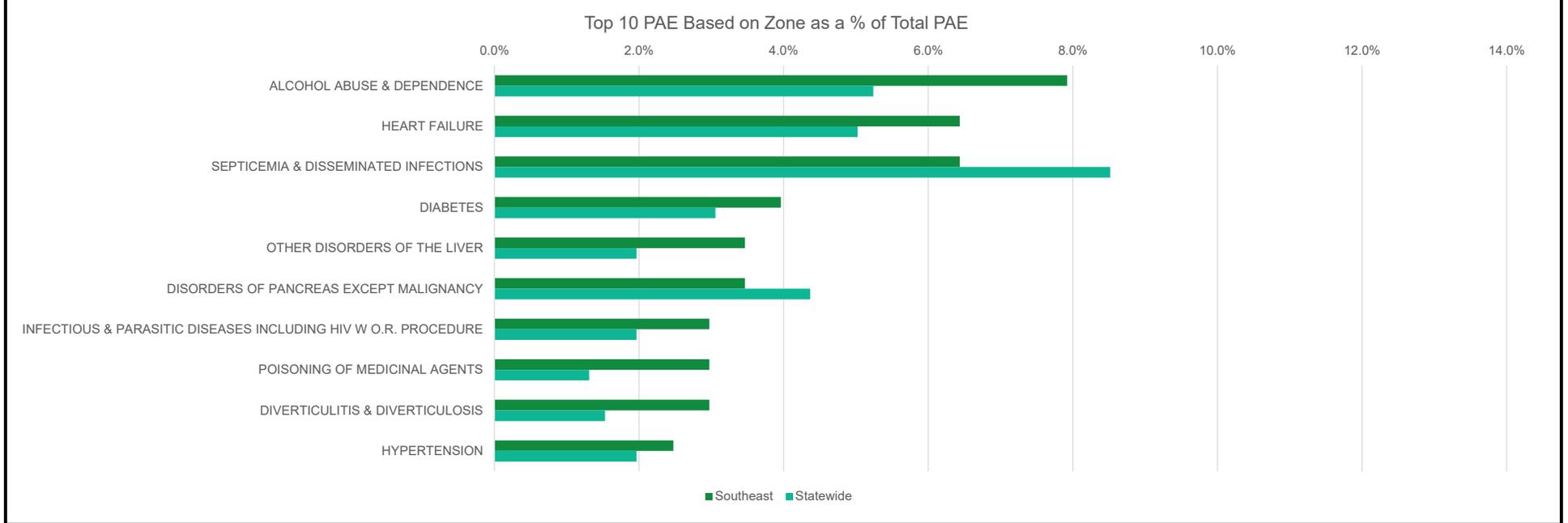
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	16,671	291	1.7%	1.9%	\$ 258,942,559	\$ 3,975,576	1.5%	2.0%
All Ages	Female	14,453	167	1.2%	1.2%	\$ 134,241,406	\$ 2,192,346	1.6%	1.9%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%
Under Age 1		6,690	-	0.0%	0.0%	\$ 60,498,934	\$ -	0.0%	0.0%
Years 1-20		1,490	22	1.5%	0.8%	\$ 14,088,888	\$ 558,791	4.0%	0.8%
Years 21-44		11,958	165	1.4%	1.4%	\$ 132,191,238	\$ 1,922,575	1.5%	1.9%
Years 45-64		9,433	233	2.5%	2.8%	\$ 159,607,712	\$ 3,106,861	1.9%	2.9%
Years 65+		1,553	38	2.4%	2.2%	\$ 26,797,192	\$ 579,695	2.2%	3.0%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%



Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southeast

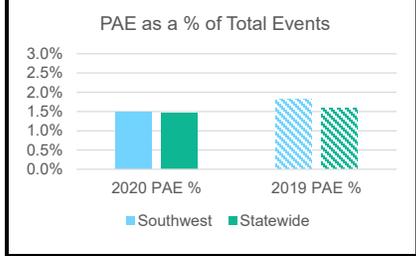
Top 10 PAE by Zone			Southeast				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0775	ALCOHOL ABUSE & DEPENDENCE	16	\$ 80,456	7.9%	5.3%	24	\$ 132,000	5.2%	3.7%
2	0194	HEART FAILURE	13	\$ 482,373	6.4%	5.8%	23	\$ 704,988	5.0%	4.5%
3	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	13	\$ 112,746	6.4%	7.6%	39	\$ 547,367	8.5%	9.1%
4	0420	DIABETES	8	\$ 44,007	4.0%	3.6%	14	\$ 122,455	3.1%	3.7%
5	0283	OTHER DISORDERS OF THE LIVER	7	\$ 73,499	3.5%	0.0%	9	\$ 94,586	2.0%	0.2%
6	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	7	\$ 52,760	3.5%	0.9%	20	\$ 221,235	4.4%	1.1%
7	0710	INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE	6	\$ 114,879	3.0%	1.8%	9	\$ 216,139	2.0%	2.2%
8	0812	POISONING OF MEDICINAL AGENTS	6	\$ 61,993	3.0%	0.9%	6	\$ 61,993	1.3%	0.7%
9	0244	DIVERTICULITIS & DIVERTICULOSIS	6	\$ 59,391	3.0%	0.4%	7	\$ 64,373	1.5%	0.4%
10	0199	HYPERTENSION	5	\$ 62,225	2.5%	1.3%	9	\$ 133,827	2.0%	0.9%
		All Else	115	\$ 1,520,765	56.9%	72.4%	298	\$ 3,868,961	65.1%	73.4%
Total			202	\$ 2,665,094	100.0%	100.0%	458	\$ 6,167,922	100.0%	100.0%



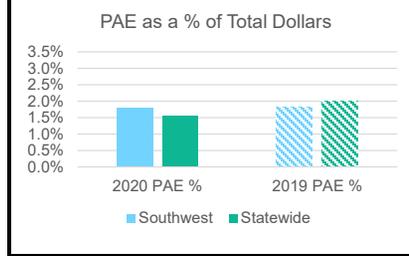
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southwest

	Southwest	Statewide
PAE	75	458
Total	5,026	31,124
2020 PAE %	1.5%	1.5%
2019 PAE %	1.8%	1.6%



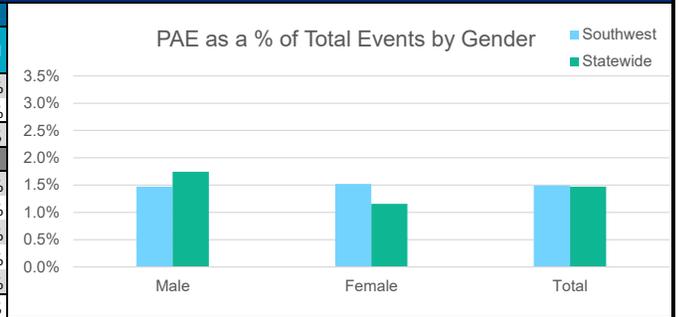
	Southwest	Statewide
PAE	\$ 1,199,279	\$ 6,167,922
Total	\$ 66,955,070	\$ 393,183,965
2020 PAE %	1.8%	1.6%
2019 PAE %	1.8%	2.0%



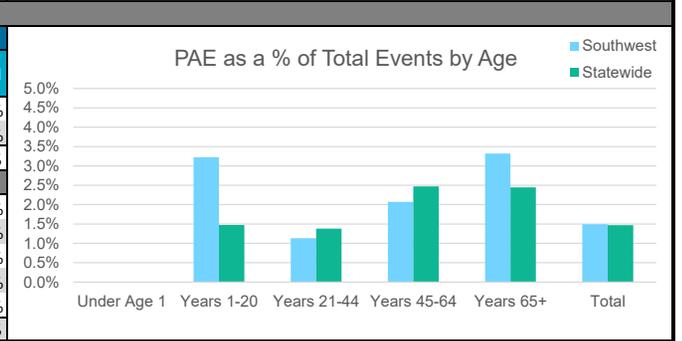
	Southwest	Statewide
2020 PAE	1.843	1.626
2020 Total	1.584	1.363
2019 PAE	1.883	1.790
2019 Total	1.609	1.399



Southwest		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	3,055	45	1.5%	2.1%	\$ 47,271,951	\$ 593,578	1.3%	2.2%
All Ages	Female	1,971	30	1.5%	1.4%	\$ 19,683,120	\$ 605,701	3.1%	1.1%
Total		5,026	75	1.5%	1.8%	\$ 66,955,070	\$ 1,199,279	1.8%	1.8%
Under Age 1		848	-	0.0%	0.0%	\$ 9,642,607	\$ -	0.0%	0.0%
Years 1-20		279	9	3.2%	1.0%	\$ 2,578,272	\$ 292,711	11.4%	0.8%
Years 21-44		1,854	21	1.1%	1.9%	\$ 21,321,058	\$ 192,548	0.9%	1.9%
Years 45-64		1,834	38	2.1%	2.8%	\$ 29,852,011	\$ 637,497	2.1%	2.5%
Years 65+		211	7	3.3%	2.1%	\$ 3,561,123	\$ 76,523	2.1%	4.1%
Total		5,026	75	1.5%	1.8%	\$ 66,955,070	\$ 1,199,279	1.8%	1.8%



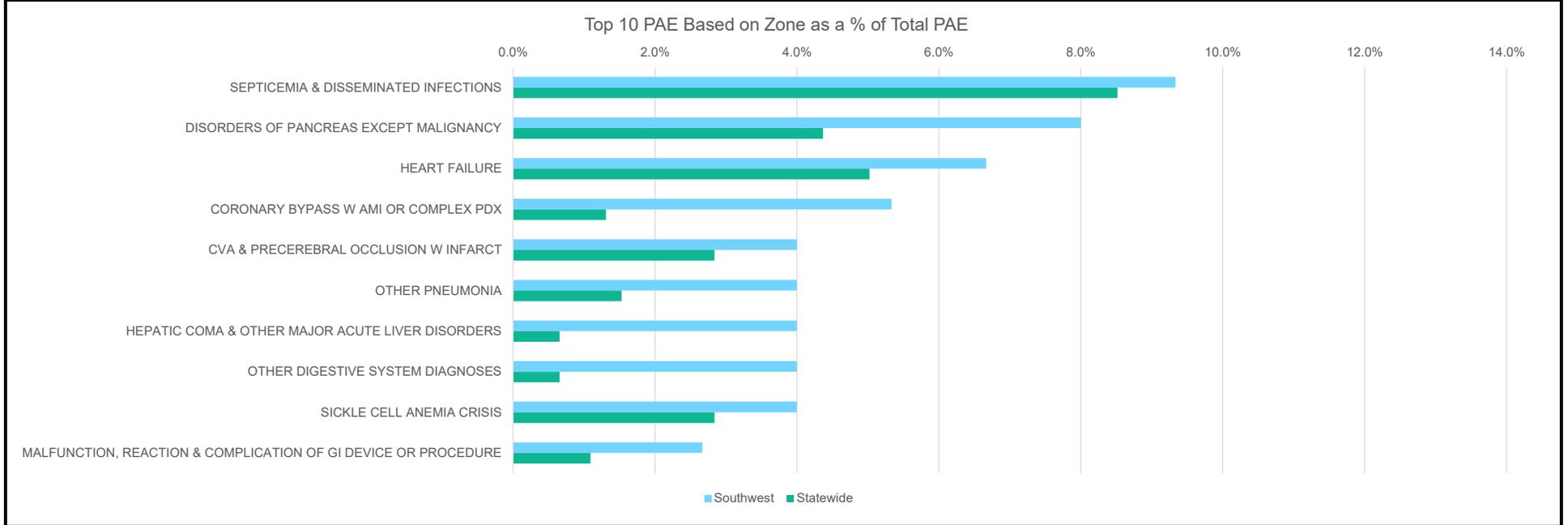
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	16,671	291	1.7%	1.9%	\$ 258,942,559	\$ 3,975,576	1.5%	2.0%
All Ages	Female	14,453	167	1.2%	1.2%	\$ 134,241,406	\$ 2,192,346	1.6%	1.9%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%
Under Age 1		6,690	-	0.0%	0.0%	\$ 60,498,934	\$ -	0.0%	0.0%
Years 1-20		1,490	22	1.5%	0.8%	\$ 14,088,888	\$ 558,791	4.0%	0.8%
Years 21-44		11,958	165	1.4%	1.4%	\$ 132,191,238	\$ 1,922,575	1.5%	1.9%
Years 45-64		9,433	233	2.5%	2.8%	\$ 159,607,712	\$ 3,106,861	1.9%	2.9%
Years 65+		1,553	38	2.4%	2.2%	\$ 26,797,192	\$ 579,695	2.2%	3.0%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%



Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southwest

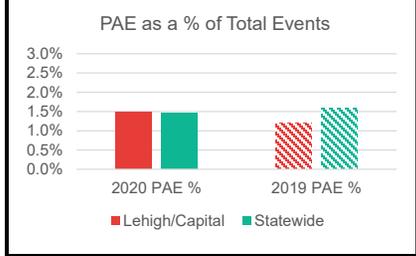
5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Southwest				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	7	\$ 171,409	9.3%	8.1%	39	\$ 547,367	8.5%	9.1%
2	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	6	\$ 108,096	8.0%	2.0%	20	\$ 221,235	4.4%	1.1%
3	0194	HEART FAILURE	5	\$ 74,298	6.7%	3.0%	23	\$ 704,988	5.0%	4.5%
4	0165	CORONARY BYPASS W AMI OR COMPLEX PDX	4	\$ 46,533	5.3%	0.0%	6	\$ 76,806	1.3%	0.2%
5	0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	3	\$ 58,964	4.0%	2.0%	13	\$ 306,943	2.8%	1.3%
6	0139	OTHER PNEUMONIA	3	\$ 32,300	4.0%	1.0%	7	\$ 98,186	1.5%	1.9%
7	0279	HEPATIC COMA & OTHER MAJOR ACUTE LIVER DISORDERS	3	\$ 29,654	4.0%	0.0%	3	\$ 29,654	0.7%	1.1%
8	0254	OTHER DIGESTIVE SYSTEM DIAGNOSES	3	\$ 25,967	4.0%	0.0%	3	\$ 25,967	0.7%	1.5%
9	0662	SICKLE CELL ANEMIA CRISIS	3	\$ 19,157	4.0%	6.1%	13	\$ 95,657	2.8%	1.9%
10	0252	MALFUNCTION, REACTION & COMPLICATION OF GI DEVICE OR PROCEDURE	2	\$ 149,836	2.7%	2.0%	5	\$ 177,823	1.1%	0.7%
		All Else	36	\$ 483,064	48.0%	75.8%	326	\$ 3,883,296	71.2%	76.7%
Total			75	\$ 1,199,279	100.0%	100.0%	458	\$ 6,167,922	100.0%	100.0%



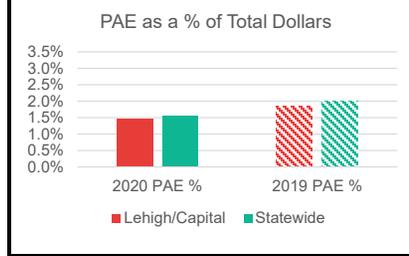
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Lehigh/Capital

1. Total Events		
	Lehigh/Capital	Statewide
PAE	112	458
Total	7,575	31,124
2020 PAE %	1.5%	1.5%
2019 PAE %	1.2%	1.6%



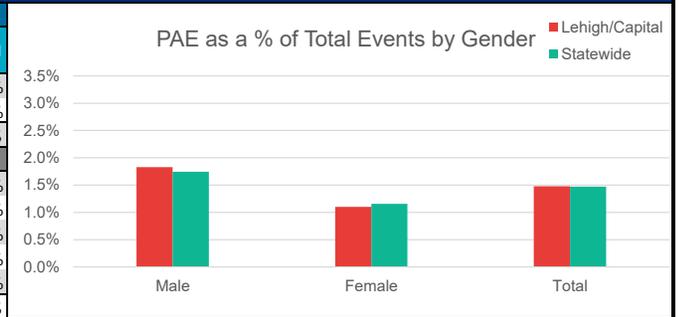
2. Total Dollars		
	Lehigh/Capital	Statewide
PAE	\$ 1,453,956	\$ 6,167,922
Total	\$ 99,796,783	\$ 393,183,965
2020 PAE %	1.5%	1.6%
2019 PAE %	1.8%	2.0%



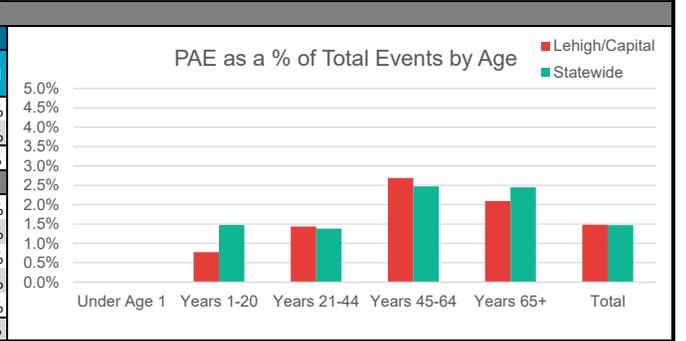
3. APR-DRG Case Mix Index		
	Lehigh/Capital	Statewide
2020 PAE	1.740	1.626
2020 Total	1.388	1.363
2019 PAE	2.022	1.790
2019 Total	1.416	1.399



4. Events and Dollars by Age Band and Gender									
Lehigh/Capital		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	3,940	72	1.8%	1.2%	\$ 63,251,253	\$ 933,393	1.5%	1.9%
All Ages	Female	3,635	40	1.1%	1.2%	\$ 36,545,530	\$ 520,563	1.4%	1.7%
Total		7,575	112	1.5%	1.2%	\$ 99,796,783	\$ 1,453,956	1.5%	1.8%
Under Age 1		1,758	-	0.0%	0.0%	\$ 18,061,784	\$ -	0.0%	0.0%
Years 1-20		388	3	0.8%	0.5%	\$ 3,575,326	\$ 32,211	0.9%	0.7%
Years 21-44		2,787	40	1.4%	1.1%	\$ 31,324,454	\$ 468,213	1.5%	1.4%
Years 45-64		2,307	62	2.7%	2.2%	\$ 40,517,738	\$ 799,514	2.0%	3.1%
Years 65+		335	7	2.1%	1.4%	\$ 6,317,482	\$ 154,018	2.4%	1.8%
Total		7,575	112	1.5%	1.2%	\$ 99,796,783	\$ 1,453,956	1.5%	1.8%



Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	16,671	291	1.7%	1.9%	\$ 258,942,559	\$ 3,975,576	1.5%	2.0%
All Ages	Female	14,453	167	1.2%	1.2%	\$ 134,241,406	\$ 2,192,346	1.6%	1.9%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%
Under Age 1		6,690	-	0.0%	0.0%	\$ 60,498,934	\$ -	0.0%	0.0%
Years 1-20		1,490	22	1.5%	0.8%	\$ 14,088,888	\$ 558,791	4.0%	0.8%
Years 21-44		11,958	165	1.4%	1.4%	\$ 132,191,238	\$ 1,922,575	1.5%	1.9%
Years 45-64		9,433	233	2.5%	2.8%	\$ 159,607,712	\$ 3,106,861	1.9%	2.9%
Years 65+		1,553	38	2.4%	2.2%	\$ 26,797,192	\$ 579,695	2.2%	3.0%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%



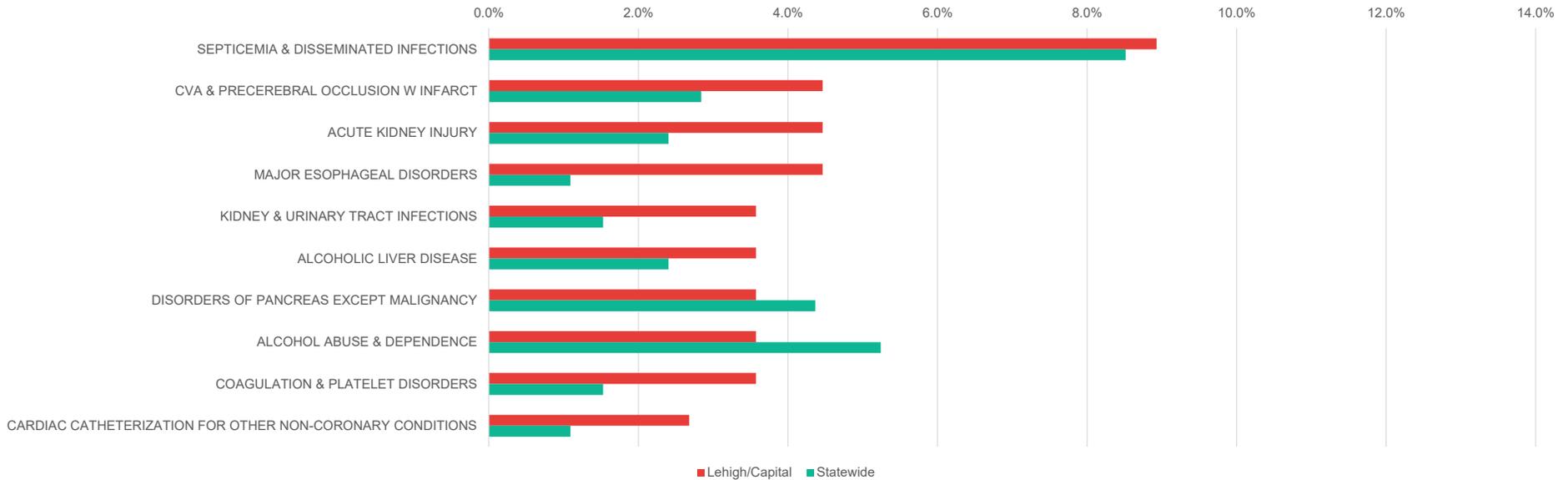
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Lehigh/Capital

5. Events and Dollars by Top 10 APR-DRG

Top 10 PAE by Zone			Lehigh/Capital				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	10	\$ 162,863	8.9%	11.3%	39	\$ 547,367	8.5%	9.1%
2	0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	5	\$ 126,277	4.5%	0.0%	13	\$ 306,943	2.8%	1.3%
3	0469	ACUTE KIDNEY INJURY	5	\$ 71,623	4.5%	1.9%	11	\$ 196,647	2.4%	2.4%
4	0242	MAJOR ESOPHAGEAL DISORDERS	5	\$ 45,402	4.5%	0.0%	5	\$ 45,402	1.1%	0.0%
5	0463	KIDNEY & URINARY TRACT INFECTIONS	4	\$ 39,257	3.6%	2.8%	7	\$ 66,094	1.5%	1.9%
6	0280	ALCOHOLIC LIVER DISEASE	4	\$ 38,212	3.6%	3.8%	11	\$ 128,331	2.4%	2.8%
7	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	4	\$ 32,098	3.6%	0.0%	20	\$ 221,235	4.4%	1.1%
8	0775	ALCOHOL ABUSE & DEPENDENCE	4	\$ 27,797	3.6%	0.9%	24	\$ 132,000	5.2%	3.7%
9	0661	COAGULATION & PLATELET DISORDERS	4	\$ 25,088	3.6%	0.0%	7	\$ 52,130	1.5%	0.0%
10	0192	CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS	3	\$ 74,758	2.7%	0.9%	5	\$ 125,770	1.1%	2.2%
		All Else	64	\$ 810,580	57.1%	78.3%	316	\$ 4,346,004	69.0%	75.4%
		Total	112	\$ 1,453,956	100.0%	100.0%	458	\$ 6,167,922	100.0%	100.0%

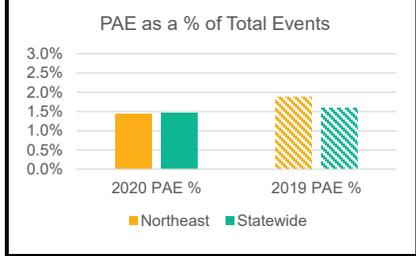
Top 10 PAE Based on Zone as a % of Total PAE



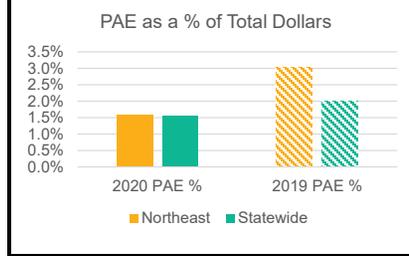
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northeast

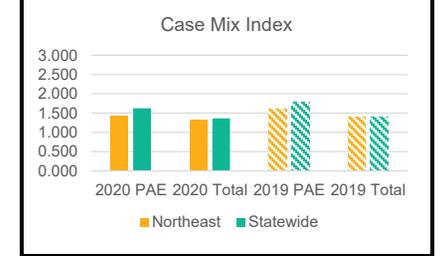
1. Total Events		
	Northeast	Statewide
PAE	52	458
Total	3,633	31,124
2020 PAE %	1.4%	1.5%
2019 PAE %	1.9%	1.6%



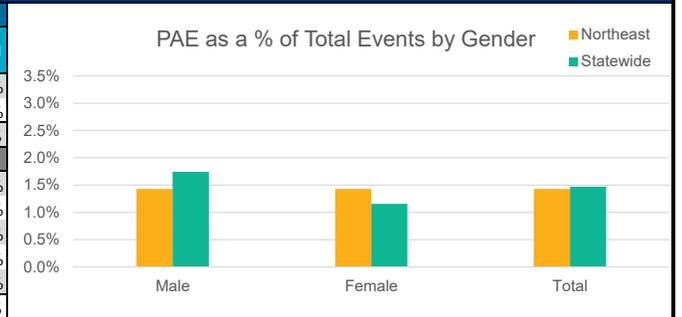
2. Total Dollars		
	Northeast	Statewide
PAE	\$ 635,799	\$ 6,167,922
Total	\$ 39,584,767	\$ 393,183,965
2020 PAE %	1.6%	1.6%
2019 PAE %	3.0%	2.0%



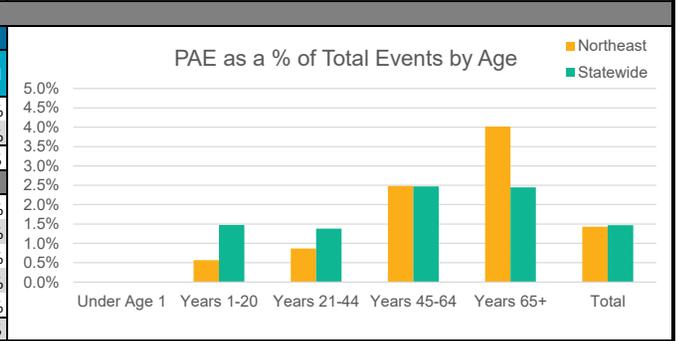
3. APR-DRG Case Mix Index		
	Northeast	Statewide
2020 PAE	1.431	1.626
2020 Total	1.326	1.363
2019 PAE	1.605	1.790
2019 Total	1.392	1.399



4. Events and Dollars by Age Band and Gender									
Northeast		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	2,096	30	1.4%	2.2%	\$ 27,257,606	\$ 430,616	1.6%	3.2%
All Ages	Female	1,537	22	1.4%	1.4%	\$ 12,327,162	\$ 205,183	1.7%	2.6%
Total		3,633	52	1.4%	1.9%	\$ 39,584,767	\$ 635,799	1.6%	3.0%
Under Age 1		717	-	0.0%	0.0%	\$ 4,836,637	\$ -	0.0%	0.0%
Years 1-20		177	1	0.6%	0.6%	\$ 1,346,273	\$ 7,690	0.6%	0.5%
Years 21-44		1,266	11	0.9%	1.5%	\$ 12,703,094	\$ 140,485	1.1%	2.4%
Years 45-64		1,249	31	2.5%	2.7%	\$ 17,715,182	\$ 383,536	2.2%	3.2%
Years 65+		224	9	4.0%	4.8%	\$ 2,983,582	\$ 104,088	3.5%	8.4%
Total		3,633	52	1.4%	1.9%	\$ 39,584,767	\$ 635,799	1.6%	3.0%



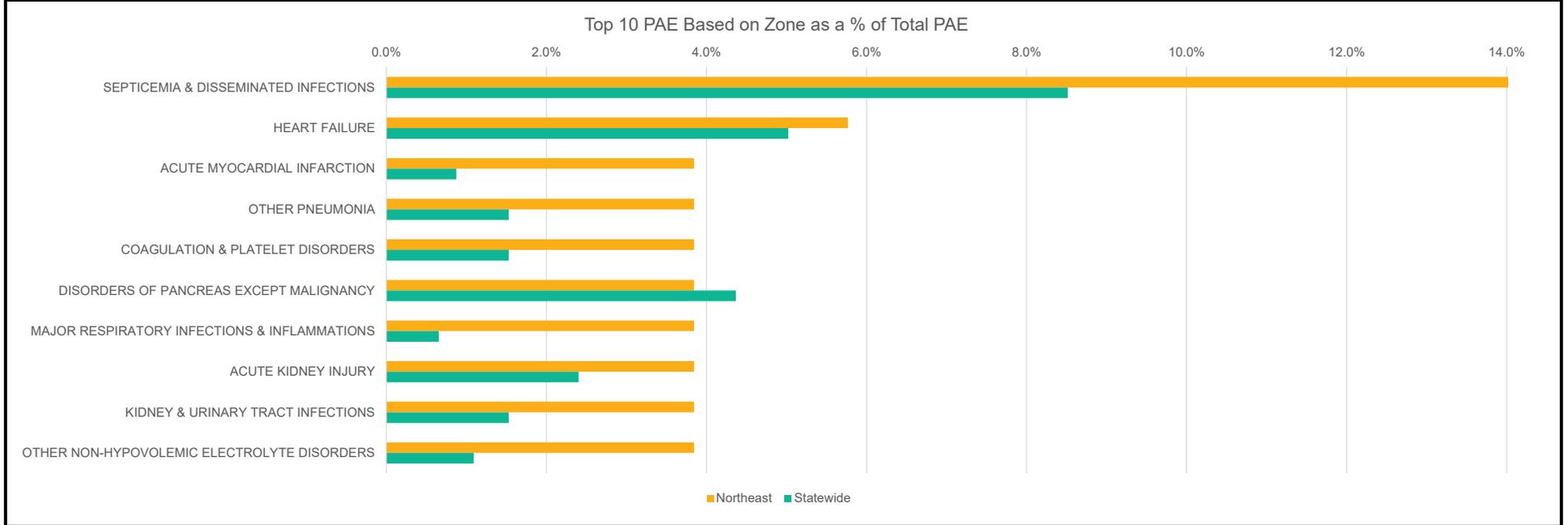
Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	16,671	291	1.7%	1.9%	\$ 258,942,559	\$ 3,975,576	1.5%	2.0%
All Ages	Female	14,453	167	1.2%	1.2%	\$ 134,241,406	\$ 2,192,346	1.6%	1.9%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%
Under Age 1		6,690	-	0.0%	0.0%	\$ 60,498,934	\$ -	0.0%	0.0%
Years 1-20		1,490	22	1.5%	0.8%	\$ 14,088,888	\$ 558,791	4.0%	0.8%
Years 21-44		11,958	165	1.4%	1.4%	\$ 132,191,238	\$ 1,922,575	1.5%	1.9%
Years 45-64		9,433	233	2.5%	2.8%	\$ 159,607,712	\$ 3,106,861	1.9%	2.9%
Years 65+		1,553	38	2.4%	2.2%	\$ 26,797,192	\$ 579,695	2.2%	3.0%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%



Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northeast

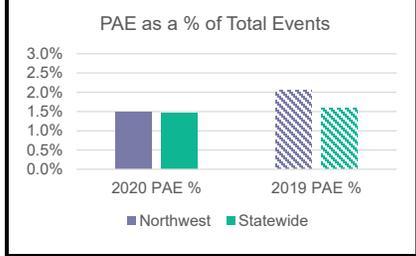
Top 10 PAE by Zone			Northeast				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	9	\$ 100,349	17.3%	13.3%	39	\$ 547,367	8.5%	9.1%
2	0194	HEART FAILURE	3	\$ 21,342	5.8%	4.0%	23	\$ 704,988	5.0%	4.5%
3	0190	ACUTE MYOCARDIAL INFARCTION	2	\$ 80,936	3.8%	1.3%	4	\$ 91,280	0.9%	1.1%
4	0139	OTHER PNEUMONIA	2	\$ 45,598	3.8%	2.7%	7	\$ 98,186	1.5%	1.9%
5	0661	COAGULATION & PLATELET DISORDERS	2	\$ 27,043	3.8%	0.0%	7	\$ 52,130	1.5%	0.0%
6	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	2	\$ 23,922	3.8%	2.7%	20	\$ 221,235	4.4%	1.1%
7	0137	MAJOR RESPIRATORY INFECTIONS & INFLAMMATIONS	2	\$ 17,066	3.8%	5.3%	3	\$ 23,058	0.7%	1.1%
8	0469	ACUTE KIDNEY INJURY	2	\$ 16,318	3.8%	1.3%	11	\$ 196,647	2.4%	2.4%
9	0463	KIDNEY & URINARY TRACT INFECTIONS	2	\$ 15,123	3.8%	0.0%	7	\$ 66,094	1.5%	1.9%
10	0425	OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS	2	\$ 14,962	3.8%	0.0%	5	\$ 37,878	1.1%	2.2%
		All Else	24	\$ 273,141	46.2%	69.3%	332	\$ 4,129,058	72.5%	74.7%
Total			52	\$ 635,799	100.0%	100.0%	458	\$ 6,167,922	100.0%	100.0%



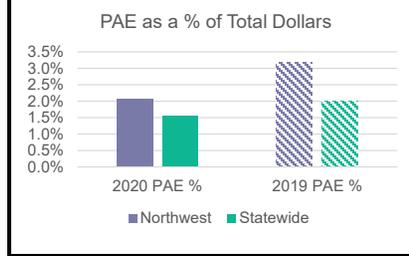
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northwest

1. Total Events		
	Northwest	Statewide
PAE	17	458
Total	1,139	31,124
2020 PAE %	1.5%	1.5%
2019 PAE %	2.1%	1.6%



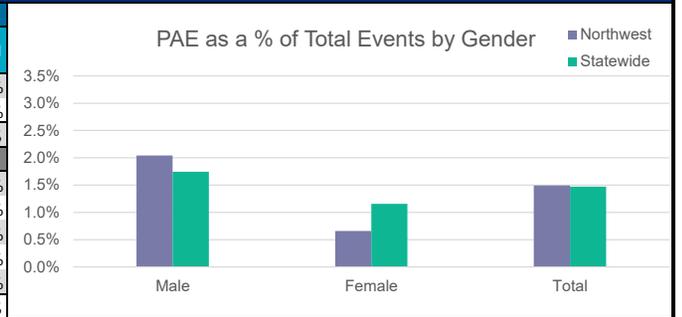
2. Total Dollars		
	Northwest	Statewide
PAE	\$ 213,794	\$ 6,167,922
Total	\$ 10,366,819	\$ 393,183,965
2020 PAE %	2.1%	1.6%
2019 PAE %	3.2%	2.0%



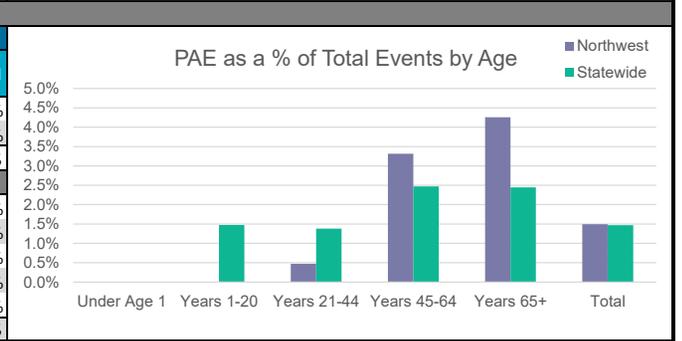
3. APR-DRG Case Mix Index		
	Northwest	Statewide
2020 PAE	1.145	1.626
2020 Total	1.259	1.363
2019 PAE	1.636	1.790
2019 Total	1.263	1.399



4. Events and Dollars by Age Band and Gender									
Northwest		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	685	14	2.0%	1.9%	\$ 7,359,438	\$ 166,179	2.3%	2.0%
All Ages	Female	454	3	0.7%	2.3%	\$ 3,007,381	\$ 47,616	1.6%	5.1%
Total		1,139	17	1.5%	2.1%	\$ 10,366,819	\$ 213,794	2.1%	3.2%
Under Age 1		225	-	0.0%	0.0%	\$ 916,578	\$ -	0.0%	0.0%
Years 1-20		50	-	0.0%	0.0%	\$ 248,333	\$ -	0.0%	0.0%
Years 21-44		425	2	0.5%	0.8%	\$ 3,418,029	\$ 8,767	0.3%	1.3%
Years 45-64		392	13	3.3%	3.8%	\$ 4,840,305	\$ 153,828	3.2%	4.9%
Years 65+		47	2	4.3%	4.2%	\$ 943,574	\$ 51,199	5.4%	2.4%
Total		1,139	17	1.5%	2.1%	\$ 10,366,819	\$ 213,794	2.1%	3.2%



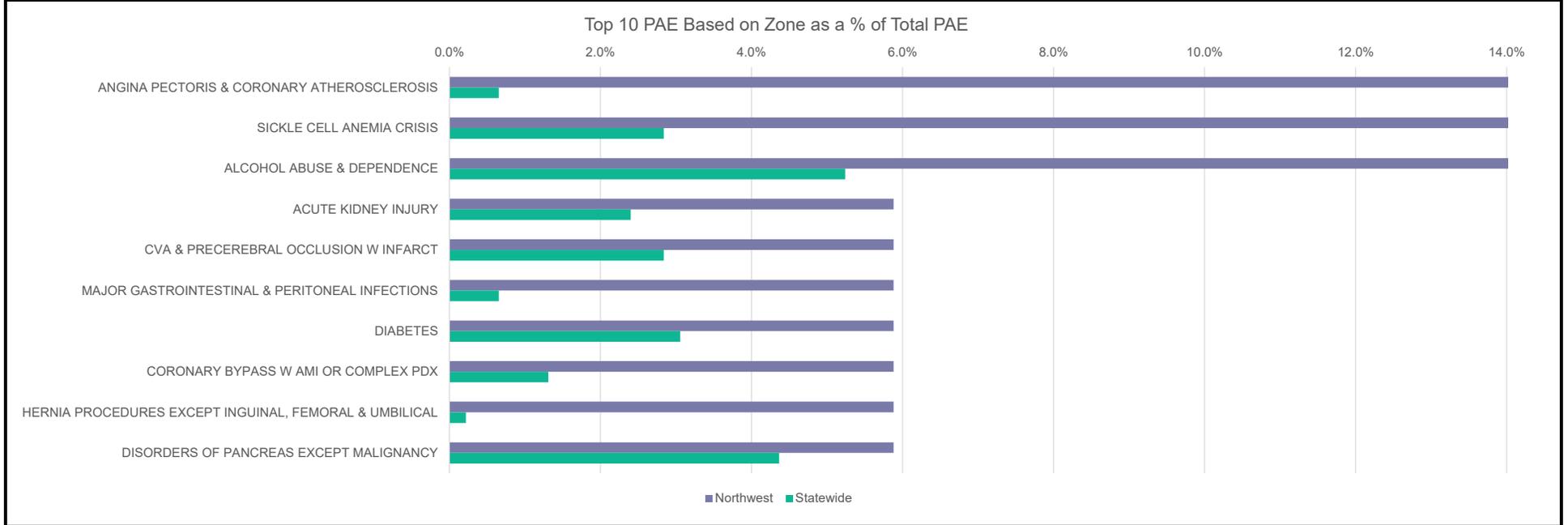
Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	16,671	291	1.7%	1.9%	\$ 258,942,559	\$ 3,975,576	1.5%	2.0%
All Ages	Female	14,453	167	1.2%	1.2%	\$ 134,241,406	\$ 2,192,346	1.6%	1.9%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%
Under Age 1		6,690	-	0.0%	0.0%	\$ 60,498,934	\$ -	0.0%	0.0%
Years 1-20		1,490	22	1.5%	0.8%	\$ 14,088,888	\$ 558,791	4.0%	0.8%
Years 21-44		11,958	165	1.4%	1.4%	\$ 132,191,238	\$ 1,922,575	1.5%	1.9%
Years 45-64		9,433	233	2.5%	2.8%	\$ 159,607,712	\$ 3,106,861	1.9%	2.9%
Years 65+		1,553	38	2.4%	2.2%	\$ 26,797,192	\$ 579,695	2.2%	3.0%
Total		31,124	458	1.5%	1.6%	\$ 393,183,965	\$ 6,167,922	1.6%	2.0%



Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northwest

5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Northwest				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0198	ANGINA PECTORIS & CORONARY ATHEROSCLEROSIS	3	\$ 46,775	17.6%	0.0%	3	\$ 46,775	0.7%	0.4%
2	0662	SICKLE CELL ANEMIA CRISIS	3	\$ 27,565	17.6%	0.0%	13	\$ 95,657	2.8%	1.9%
3	0775	ALCOHOL ABUSE & DEPENDENCE	3	\$ 20,608	17.6%	0.0%	24	\$ 132,000	5.2%	3.7%
4	0469	ACUTE KIDNEY INJURY	1	\$ 45,624	5.9%	3.1%	11	\$ 196,647	2.4%	2.4%
5	0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	1	\$ 38,276	5.9%	0.0%	13	\$ 306,943	2.8%	1.3%
6	0248	MAJOR GASTROINTESTINAL & PERITONEAL INFECTIONS	1	\$ 10,160	5.9%	0.0%	3	\$ 17,907	0.7%	0.9%
7	0420	DIABETES	1	\$ 6,859	5.9%	0.0%	14	\$ 122,455	3.1%	3.7%
8	0165	CORONARY BYPASS W AMI OR COMPLEX PDX	1	\$ 5,575	5.9%	0.0%	6	\$ 76,806	1.3%	0.2%
9	0227	HERNIA PROCEDURES EXCEPT INGUINAL, FEMORAL & UMBILICAL	1	\$ 4,409	5.9%	0.0%	1	\$ 4,409	0.2%	0.4%
10	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	1	\$ 4,359	5.9%	0.0%	20	\$ 221,235	4.4%	1.1%
		All Else	1	\$ 3,586	5.9%	96.9%	350	\$ 4,947,089	76.4%	84.0%
Total			17	\$ 213,794	100.0%	100.0%	458	\$ 6,167,922	100.0%	100.0%



Appendix D

Potentially Avoidable Complications — FFS Beneficiaries

Contents

Table Number	Table Title
1	Events by Potentially Avoidable Complication

The table identified above is included for each zone. Zone results are displayed in the following order: Southeast, Southwest, Lehigh/Capital, Northeast, and Northwest. This is the fourth year of the analysis; therefore, both CY 2020 and CY 2019 results are available and displayed as applicable.

Detailed Description of Tables

Table 1 — displays the total number and types of PACs. This value is displayed at both the zone and statewide level.

Additional Notes Regarding Data

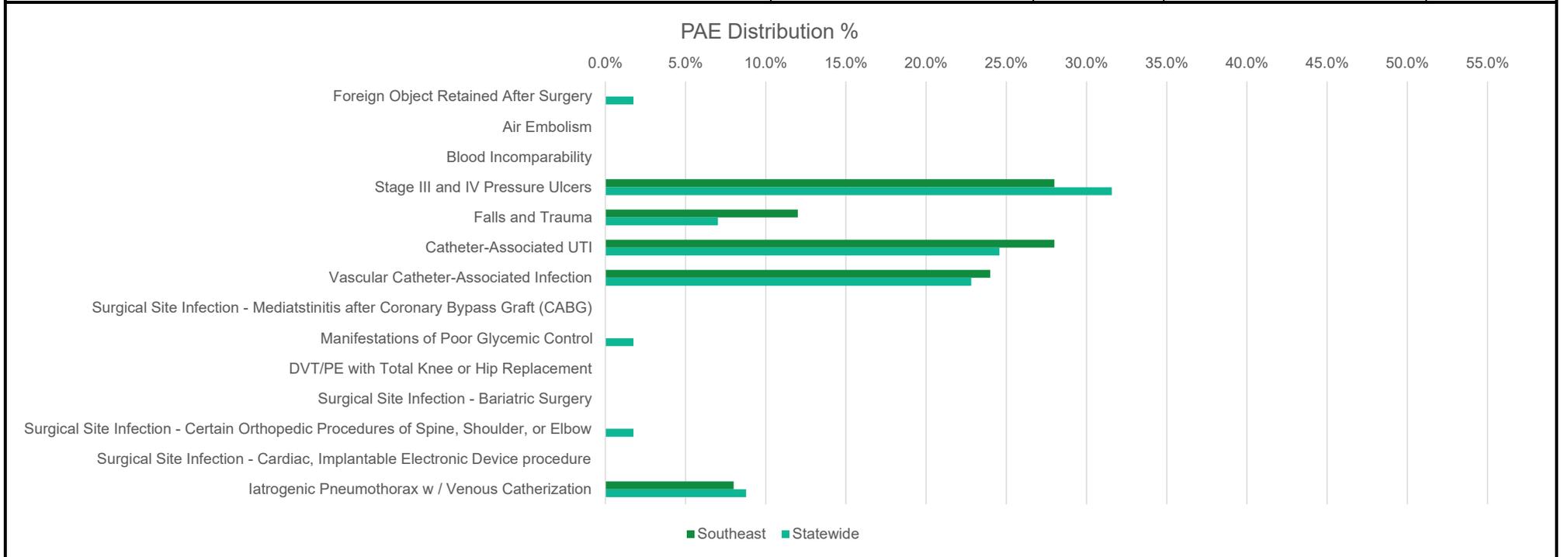
1. Admissions and Dollars for CY 2020 service dates are based on FFS claims data submitted through December 31, 2021.
2. Inpatient is defined as acute inpatient hospital admissions.
3. HCACs are identified using the following process:
 - A. HCAC are identified using publicly available CMS diagnosis and procedure code criteria for FY 2020.
 - B. Identified HCACs are then reviewed using POA criteria included on FFS claim data.

4. PAEs do not include claims with provider types other than "01" (Acute Care Hospital).
5. Beneficiaries eligible for Medicare Part D or Medicare Advantage are excluded from analysis.

Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southeast

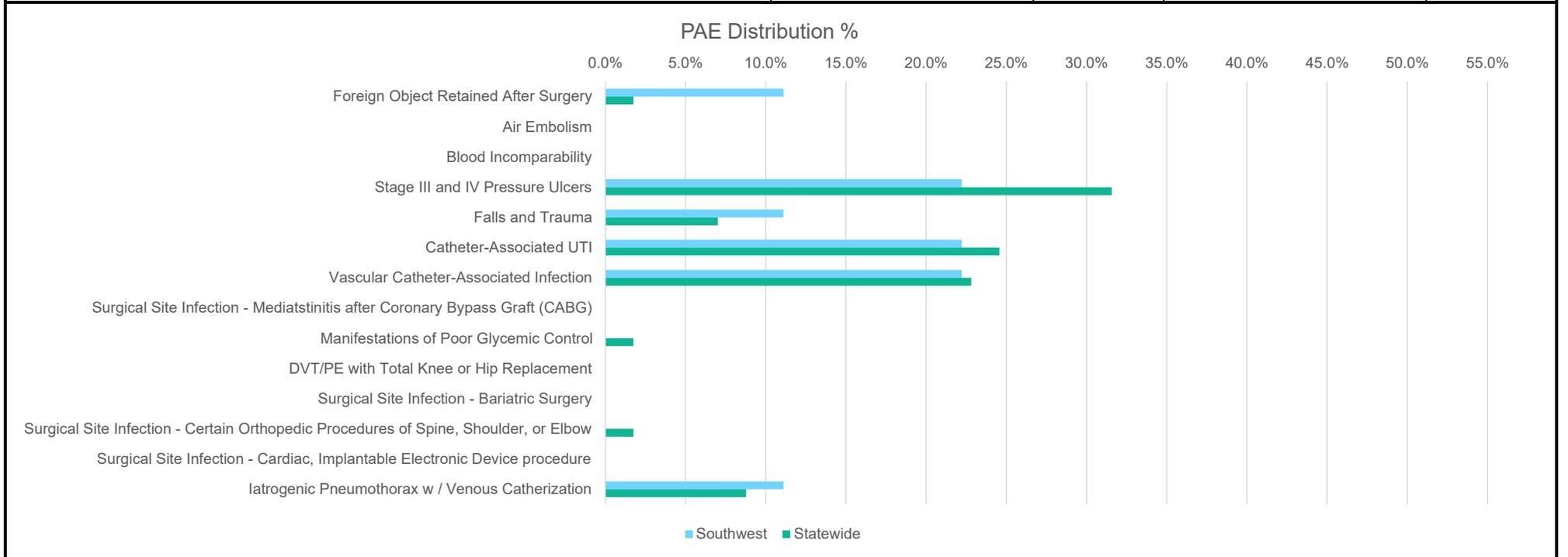
1. Events by Potentially Avoidable Complication		Southeast			Statewide		
PAC #	PAC Description	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	1	1.8%	0.0%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	7	28.0%	23.5%	18	31.6%	32.2%
5	Falls and Trauma	3	12.0%	17.6%	4	7.0%	13.6%
6	Catheter-Associated UTI	7	28.0%	23.5%	14	24.6%	13.6%
7	Vascular Catheter-Associated Infection	6	24.0%	23.5%	13	22.8%	20.3%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	-	0.0%	5.9%	1	1.8%	3.4%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	0.0%	-	0.0%	3.4%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	0.0%	-	0.0%	0.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	0.0%	1	1.8%	1.7%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	1.7%
14	Iatrogenic Pneumothorax w / Venous Catherization	2	8.0%	5.9%	5	8.8%	10.2%
Total		25	100.0%	100.0%	57	100.0%	100.0%



Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Southwest

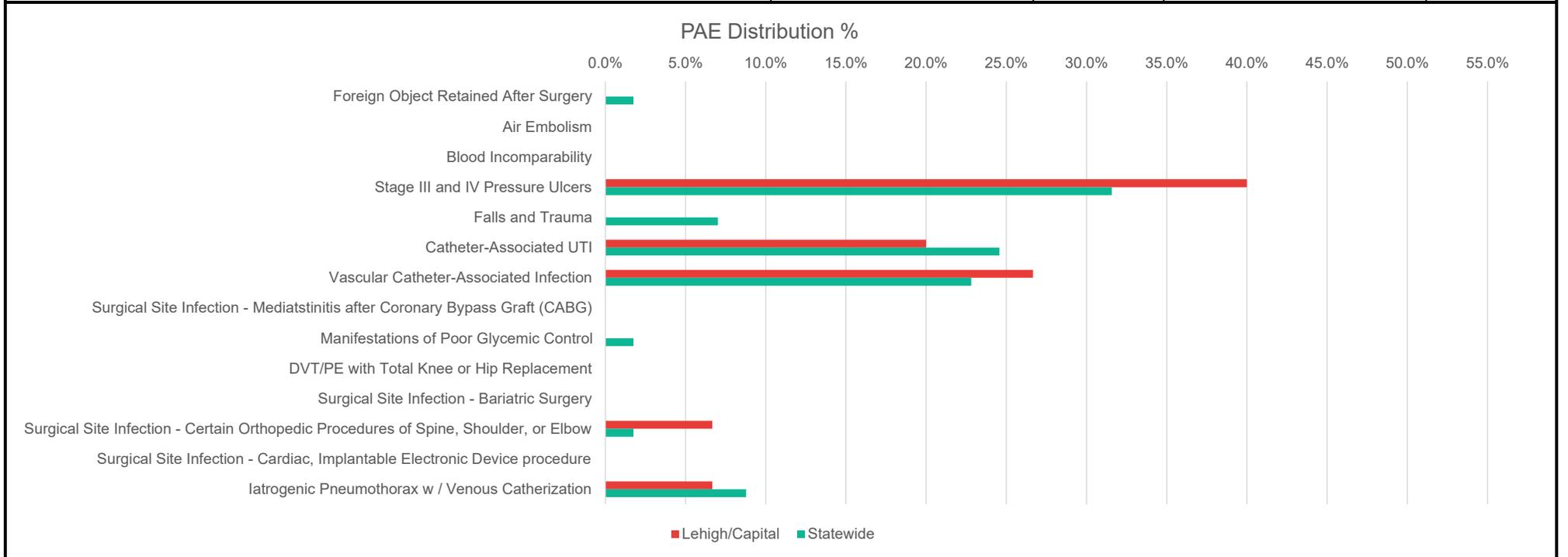
1. Events by Potentially Avoidable Complication		Southwest			Statewide		
		PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	1	11.1%	0.0%	1	1.8%	0.0%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	2	22.2%	22.2%	18	31.6%	32.2%
5	Falls and Trauma	1	11.1%	5.6%	4	7.0%	13.6%
6	Catheter-Associated UTI	2	22.2%	11.1%	14	24.6%	13.6%
7	Vascular Catheter-Associated Infection	2	22.2%	38.9%	13	22.8%	20.3%
8	Surgical Site Infection - Mediatstinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	-	0.0%	0.0%	1	1.8%	3.4%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	0.0%	-	0.0%	3.4%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	0.0%	-	0.0%	0.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	0.0%	1	1.8%	1.7%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	1.7%
14	Iatrogenic Pneumothorax w / Venous Catherization	1	11.1%	22.2%	5	8.8%	10.2%
Total		9	100.0%	100.0%	57	100.0%	100.0%



Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Lehigh/Capital

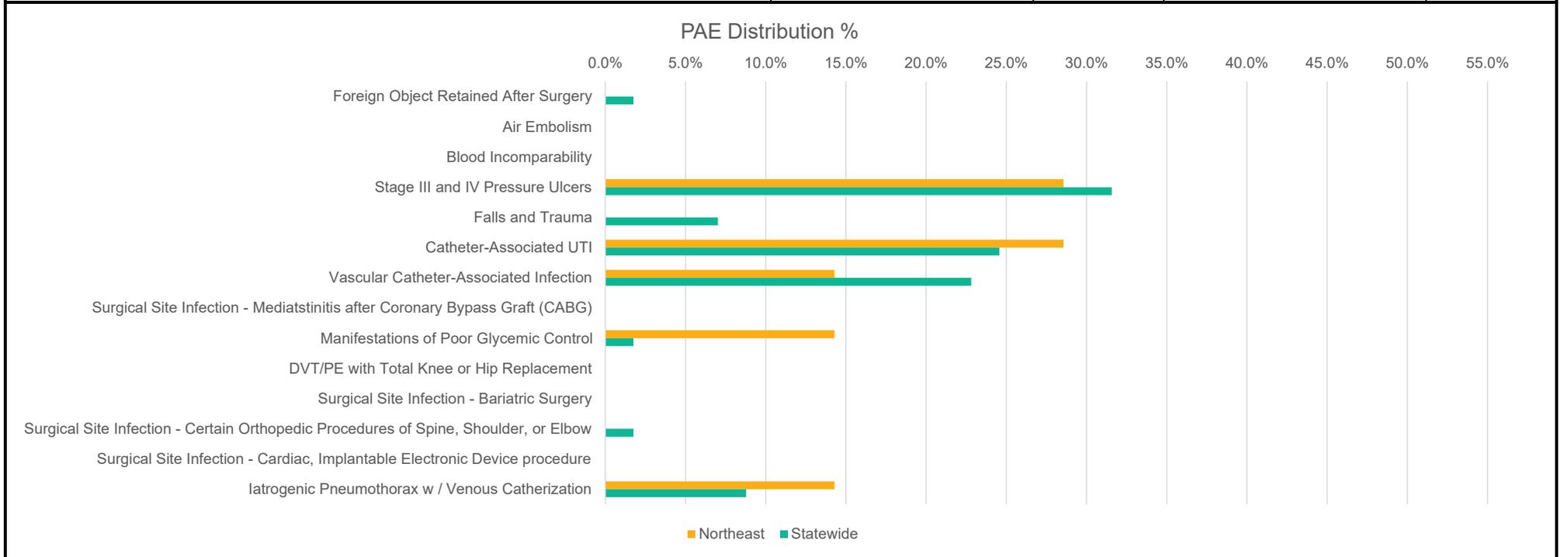
1. Events by Potentially Avoidable Complication		Lehigh/Capital			Statewide		
PAC #	PAC Description	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	1	1.8%	0.0%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	6	40.0%	50.0%	18	31.6%	32.2%
5	Falls and Trauma	-	0.0%	22.2%	4	7.0%	13.6%
6	Catheter-Associated UTI	3	20.0%	5.6%	14	24.6%	13.6%
7	Vascular Catheter-Associated Infection	4	26.7%	0.0%	13	22.8%	20.3%
8	Surgical Site Infection - Mediatstinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	-	0.0%	5.6%	1	1.8%	3.4%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	5.6%	-	0.0%	3.4%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	0.0%	-	0.0%	0.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	1	6.7%	5.6%	1	1.8%	1.7%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	5.6%	-	0.0%	1.7%
14	Iatrogenic Pneumothorax w / Venous Catherization	1	6.7%	0.0%	5	8.8%	10.2%
Total		15	100.0%	100.0%	57	100.0%	100.0%



Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northeast

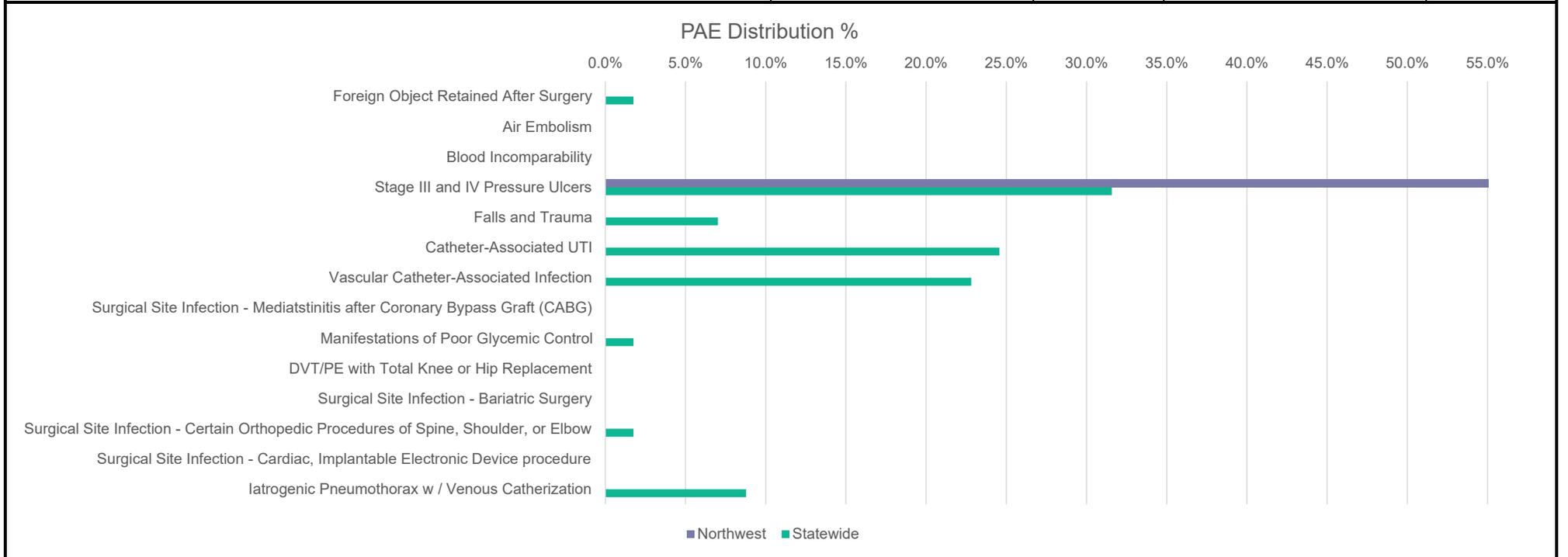
1. Events by Potentially Avoidable Complication		Northeast			Statewide		
		PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	1	1.8%	0.0%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	2	28.6%	50.0%	18	31.6%	32.2%
5	Falls and Trauma	-	0.0%	0.0%	4	7.0%	13.6%
6	Catheter-Associated UTI	2	28.6%	25.0%	14	24.6%	13.6%
7	Vascular Catheter-Associated Infection	1	14.3%	0.0%	13	22.8%	20.3%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	1	14.3%	0.0%	1	1.8%	3.4%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	0.0%	-	0.0%	3.4%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	0.0%	-	0.0%	0.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	0.0%	1	1.8%	1.7%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	1.7%
14	Iatrogenic Pneumothorax w / Venous Catherization	1	14.3%	25.0%	5	8.8%	10.2%
Total		7	100.0%	100.0%	57	100.0%	100.0%



Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Zone:	Northwest

1. Events by Potentially Avoidable Complication		Northwest			Statewide		
PAC #	PAC Description	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	1	1.8%	0.0%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	1	100.0%	0.0%	18	31.6%	32.2%
5	Falls and Trauma	-	0.0%	0.0%	4	7.0%	13.6%
6	Catheter-Associated UTI	-	0.0%	0.0%	14	24.6%	13.6%
7	Vascular Catheter-Associated Infection	-	0.0%	50.0%	13	22.8%	20.3%
8	Surgical Site Infection - Mediatstinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	-	0.0%	0.0%	1	1.8%	3.4%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	50.0%	-	0.0%	3.4%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	0.0%	-	0.0%	0.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	0.0%	1	1.8%	1.7%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	1.7%
14	Iatrogenic Pneumothorax w / Venous Catherization	-	0.0%	0.0%	5	8.8%	10.2%
Total		1	100.0%	100.0%	57	100.0%	100.0%



Appendix E

Glossary

Terminology	Definition
APR-DRGs	All Patient Refined-Diagnosis Related Groups. A version of DRGs that further subdivide the DRGs into four severity-of-illness and four risk-of-mortality subclasses within each DRG.
Beneficiary	A person eligible to receive services in the MA Program of the Commonwealth of Pennsylvania.
CHC	Community HealthChoices. A mandatory managed care program that uses MCOs to coordinate and pay for PH care and long-term services and supports for beneficiaries who are dually eligible for Medicare and Medicaid and those who require a nursing facility level of care.
Claim Data	An invoice for services or goods rendered by a provider or supplier to a beneficiary and presented by the provider, supplier, or his/her/its representative directly to the state (or an administrative services only claims processing vendor) for reimbursement because the service is not (or is at least not known at the time to be) covered under a managed care arrangement under the authority of 42 CFR § 438.
CMS	Centers for Medicare & Medicaid Services. The federal agency within the Department of Health and Human Services responsible for oversight of Medicaid Programs.
Department or DHS	The Department of Human Services of the Commonwealth of Pennsylvania.
Diagnostic Related Groups	A classification system that uses patient discharge information to classify patients into clinically meaningful groups.
Encounter Data	A record submitted by the MCO to the Department of a covered health care service provided to a MCO member.

Terminology	Definition
FFS	Fee-for-Service. The delivery system in which the Department pays providers on a per-service basis for health care services provided to beneficiaries.
Gender	Gender identified within the Department's eligibility system.
HCAC	Health Care Acquired Condition. A condition occurring in any inpatient hospital setting, identified as a Hospital Acquired Condition by the Secretary of Health and Human Services for purposes of the Medicare program. This includes medical complications or conditions that were not present when the patient was admitted to the hospital.
Hospital	A public or private institution licensed as a hospital under the laws of the Commonwealth that participates in the MA Program.
Hospital Outcomes Program	A program designed to provide a hospital with information to reduce PAEs and further increase efficiency in the delivery of MA hospital services.
MA	Medical Assistance. The acronym by which the Commonwealth's Medicaid Program, authorized under Article IV of the Public Welfare Code (62 P. S. §§ 401–488), is known.
MCO	Managed Care Organization. A licensed MCO with whom the Department has an agreement to provide or arrange for services to a Medicaid beneficiary.
Medicaid Program	The joint federal and state program through which health care services are provided to eligible beneficiaries in conformation with Title XIX of the Social Security Act (42 U.S.C.A. §§ 1396–1396q) and regulations issued under it.

Terminology	Definition
OPPC	<p>Other Provider Preventable Condition. A condition occurring in any health care setting that meets the following criteria:</p> <ul style="list-style-type: none"> • Is identified in the State plan. • Has been found by the State, based upon a review of medical literature by qualified professionals, to be reasonably preventable through the application of procedures supported by evidence-based guidelines. • Has a negative consequence for the beneficiary. • Is auditable. • Includes, at a minimum, the following: <ul style="list-style-type: none"> – Wrong surgical or other invasive procedure performed on a patient. – Surgical or other invasive procedures performed on the wrong body part. – Surgical or other invasive procedure performed on the wrong patient.
PAA	<p>Potentially Avoidable Admission. An admission of an individual to a hospital or long-term care facility, which may have reasonably been prevented with adequate access to ambulatory care or health care coordination.</p>
PAC	<p>Potentially Avoidable Complication. A harmful event or negative outcome with respect to an individual, including an infection or surgical complication, that:</p> <ul style="list-style-type: none"> • Occurs after the person's admission to a hospital or long-term care facility. • May have resulted from the care, lack of care, or treatment provided during the hospital or long-term care facility stay, rather than from a natural progression of an underlying disease.
PAE	<p>Potentially Avoidable Event. Any of the following:</p> <ul style="list-style-type: none"> • A potentially avoidable admission (PAA). • A potentially avoidable complication (PAC). • A potentially avoidable emergency visit (PAV). • A potentially avoidable readmission (PAR). • A combination of the events listed under this definition.

Terminology	Definition
PAR	<p>Potentially Avoidable Readmission. A return hospitalization of an individual within a period specified by the Department that may have resulted from a deficiency in the care or treatment provided to the individual during a previous hospital stay or from a deficiency in post hospital discharge follow up. The term does not include a hospital readmission necessitated by the occurrence of unrelated events after the discharge. The term includes the readmission of an individual to a hospital for:</p> <ul style="list-style-type: none"> • The same condition or procedure for which the individual was previously admitted. • An infection or other complication resulting from care previously provided. • A condition or procedure indicating that a surgical intervention performed during a previous admission was unsuccessful in achieving the anticipated outcome.
PAV	<p>Potentially Avoidable Emergency Visit. Treatment of an individual in a hospital emergency room or freestanding emergency medical care facility for a condition that may not require emergency medical attention because the condition could be or could have been treated or prevented by a physician or other health care provider in a nonemergency setting.</p>
PH HealthChoices	<p>The mandatory managed care program that uses MA MCOs to coordinate and pay for PH services.</p>
POA	<p>Present on Admission. POA is a condition that is present at the time the order for inpatient admission occurs.</p>
PPC	<p>Provider Preventable Condition. A condition that meets the definition of a health care-acquired condition or other provider-preventable condition as defined in 42 CFR § 447.26(b).</p>
PROMISe	<p>Provider Reimbursement and Operations Management Information System. The Department's Medicaid Management Information System which is the CMS certified information system.</p>
SDOH	<p>Social Determinants of Health. Health-related social needs such access to food, access to health services, education and employment, environmental conditions, income, housing, and relationships.</p>

Appendix F

Hospital Report Template — MCO Beneficiaries

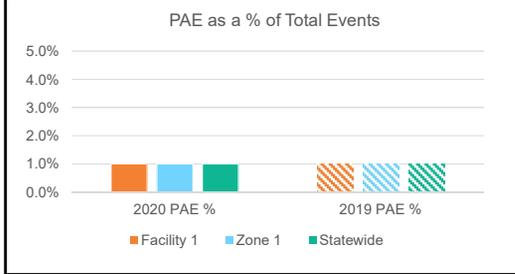
Data labeled as “Facility 1” does not represent actual individual hospital results and is for demonstration purposes only of the information that will be provided to each hospital.

Appendix F

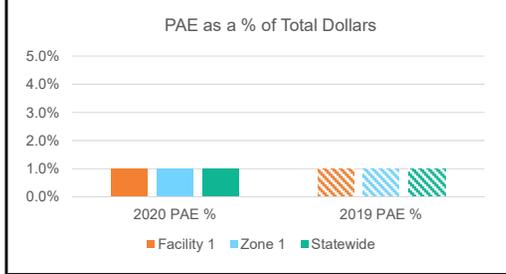
Template for Demonstration Only

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Facility:	Facility 1

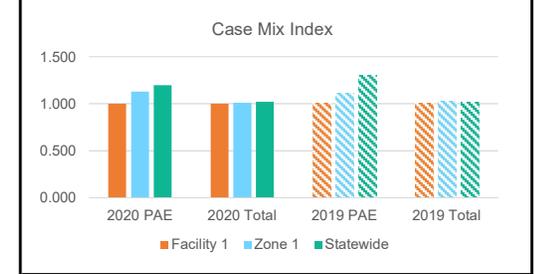
1. Total Events			
	Facility 1	Zone 1	Statewide
2020 PAE	40	200	400
2020 Total	4,000	20,000	40,000
2020 PAE %	1.0%	1.0%	1.0%
2019 PAE %	1.0%	1.0%	1.0%



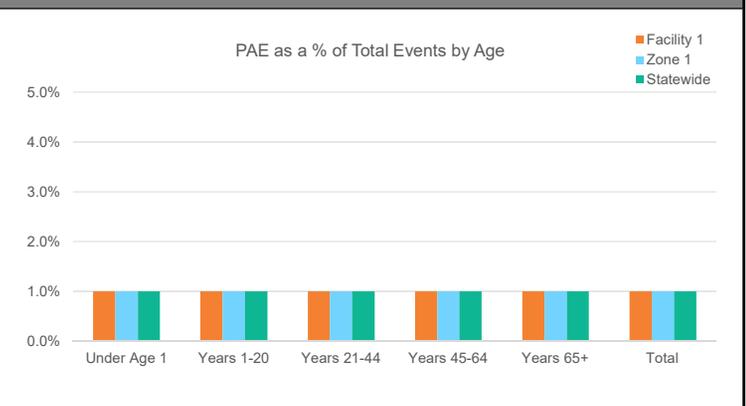
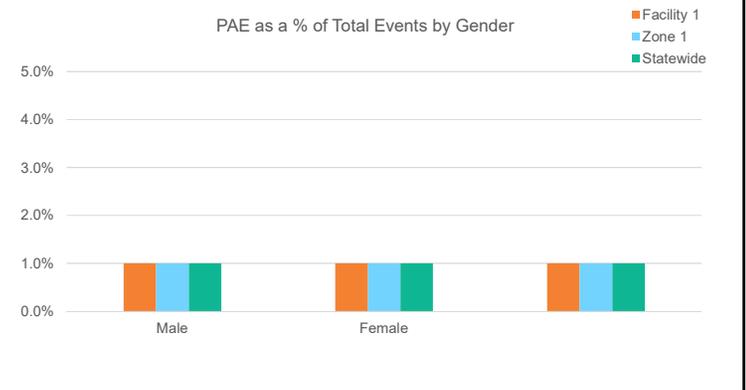
2. Total Dollars			
	Facility 1	Zone 1	Statewide
2020 PAE	\$ 1,000	\$ 3,200,000	\$ 6,400,000
2020 Total	\$ 100,000	\$ 320,000,000	\$ 640,000,000
2020 PAE %	1.0%	1.0%	1.0%
2019 PAE %	1.0%	1.0%	1.0%



3. APR-DRG Case Mix Index			
	Facility 1	Zone 1	Statewide
2020 PAE	1.000	1.130	1.197
2020 Total	1.000	1.011	1.021
2019 PAE	1.000	1.115	1.298
2019 Total	1.000	1.031	1.015



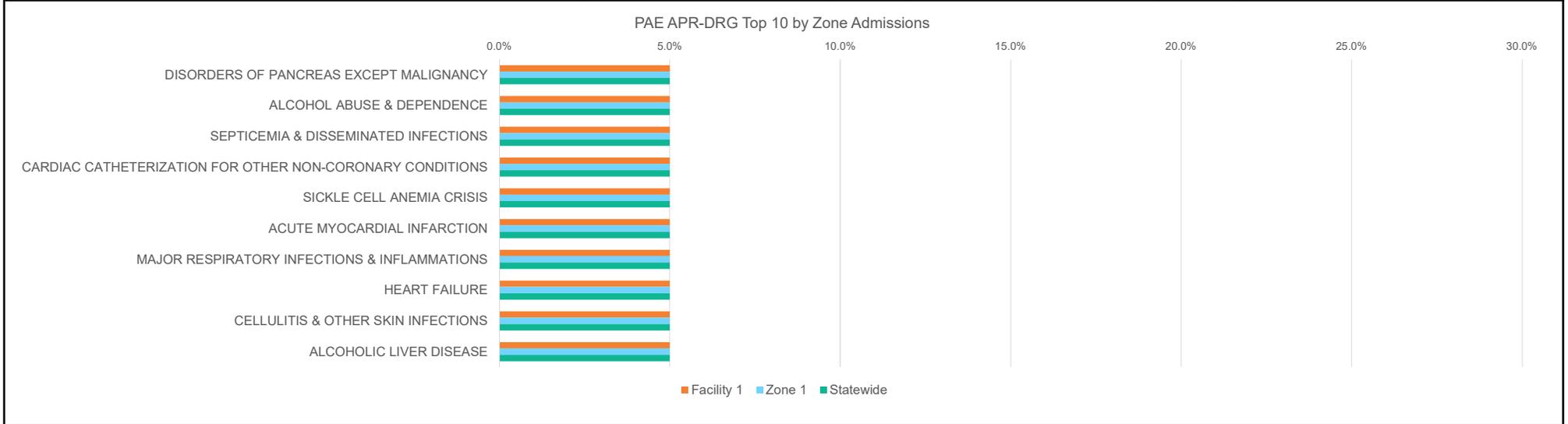
4. Events and Dollars by Age Band and Gender									
Facility 1		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	2,000	20	1.0%	1.0%	\$ 50,000	\$ 500	1.0%	1.0%
All Ages	Female	2,000	20	1.0%	1.0%	\$ 50,000	\$ 500	1.0%	1.0%
Total		4,000	40	1.0%	1.0%	\$ 100,000	\$ 1,000	1.0%	1.0%
Under Age 1		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Years 1-20		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Years 21-44		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Years 45-64		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Years 65+		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Total		4,000	40	1.0%	1.0%	\$ 100,000	\$ 1,000	1.0%	1.0%
Zone 1		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	10,000	100	1.0%	1.0%	\$ 160,000,000	\$ 1,600,000	1.0%	1.0%
All Ages	Female	10,000	100	1.0%	1.0%	\$ 160,000,000	\$ 1,600,000	1.0%	1.0%
Total		20,000	200	1.0%	1.0%	\$ 320,000,000	\$ 3,200,000	1.0%	1.0%
Under Age 1		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Years 1-20		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Years 21-44		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Years 45-64		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Years 65+		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Total		20,000	200	1.0%	1.0%	\$ 320,000,000	\$ 3,200,000	1.0%	1.0%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	20,000	200	1.0%	1.0%	\$ 320,000,000	\$ 3,200,000	1.0%	1.0%
All Ages	Female	20,000	200	1.0%	1.0%	\$ 320,000,000	\$ 3,200,000	1.0%	1.0%
Total		40,000	400	1.0%	1.0%	\$ 640,000,000	\$ 6,400,000	1.0%	1.0%
Under Age 1		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Years 1-20		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Years 21-44		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Years 45-64		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Years 65+		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Total		40,000	400	1.0%	1.0%	\$ 640,000,000	\$ 6,400,000	1.0%	1.0%



Appendix F Template for Demonstration Only

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Facility:	Facility 1

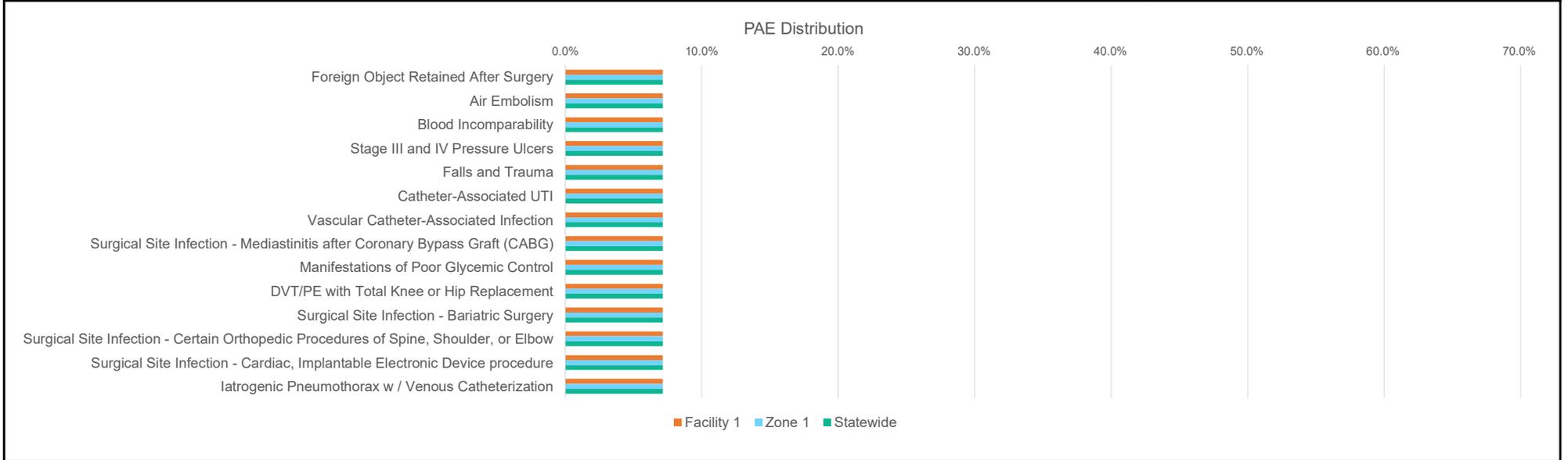
5. Events and Dollars by Top 10 APR-DRG														
Top 10 PAE by Zone			Facility 1				Zone 1				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
2	0775	ALCOHOL ABUSE & DEPENDENCE	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
3	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
4	0192	CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
5	0662	SICKLE CELL ANEMIA CRISIS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
6	0190	ACUTE MYOCARDIAL INFARCTION	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
7	0137	MAJOR RESPIRATORY INFECTIONS & INFLAMMATIONS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
8	0194	HEART FAILURE	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
9	0383	CELLULITIS & OTHER SKIN INFECTIONS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
10	0280	ALCOHOLIC LIVER DISEASE	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 320,000	5.0%	5.0%
		All Else	20	\$ 500	50.0%	50.0%	100	\$ 1,600,000	50.0%	50.0%	200	\$ 3,200,000	50.0%	50.0%
		Total	40	\$ 1,000	100.0%	100.0%	200	\$ 3,200,000	100.0%	100.0%	400	\$ 6,400,000	100.0%	100.0%



Appendix F Template for Demonstration Only

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2020 - December 31, 2020
Facility:	Facility 1

1. Events by Potentially Avoidable Complication		Facility 1			Zone 1			Statewide		
PAC #	PAC Description	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
2	Air Embolism	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
3	Blood Incomparability	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
4	Stage III and IV Pressure Ulcers	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
5	Falls and Trauma	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
6	Catheter-Associated UTI	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
7	Vascular Catheter-Associated Infection	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
9	Manifestations of Poor Glycemic Control	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
10	DVT/PE with Total Knee or Hip Replacement	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
11	Surgical Site Infection - Bariatric Surgery	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
14	Iatrogenic Pneumothorax w / Venous Catheterization	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
Total		14	100.0%	100.0%	28	100.0%	100.0%	42	100.0%	100.0%



Appendix G

Hospital Report Template — FFS Beneficiaries

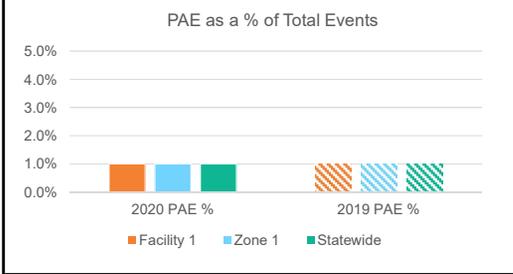
Data labeled as “Facility 1” does not represent actual individual hospital results and is for demonstration purposes only of the information that will be provided to each hospital.

Appendix G

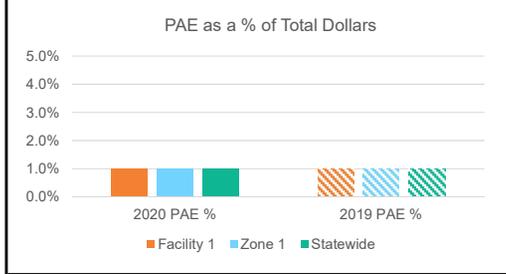
Template for Demonstration Only

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Facility:	Facility 1

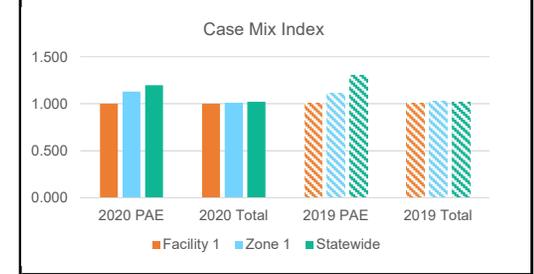
1. Total Events			
	Facility 1	Zone 1	Statewide
2020 PAE	40	200	400
2020 Total	4,000	20,000	40,000
2020 PAE %	1.0%	1.0%	1.0%
2019 PAE %	1.0%	1.0%	1.0%



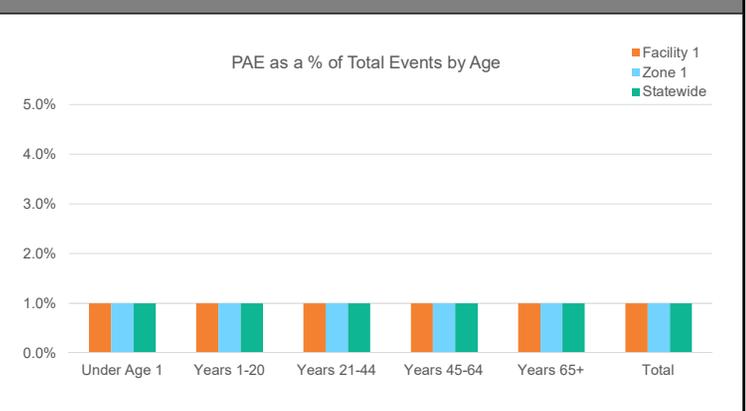
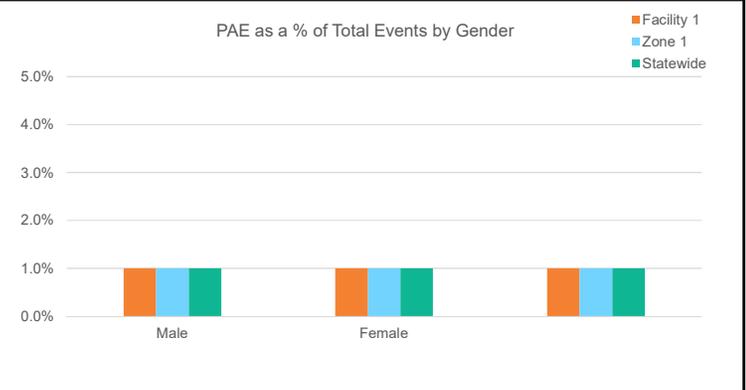
2. Total Dollars			
	Facility 1	Zone 1	Statewide
2020 PAE	\$ 1,000	\$ 3,200,000	\$ 6,400,000
2020 Total	\$ 100,000	\$ 320,000,000	\$ 640,000,000
2020 PAE %	1.0%	1.0%	1.0%
2019 PAE %	1.0%	1.0%	1.0%



3. APR-DRG Case Mix Index			
	Facility 1	Zone 1	Statewide
2020 PAE	1.000	1.130	1.197
2020 Total	1.000	1.011	1.021
2019 PAE	1.000	1.115	1.298
2019 Total	1.000	1.031	1.015



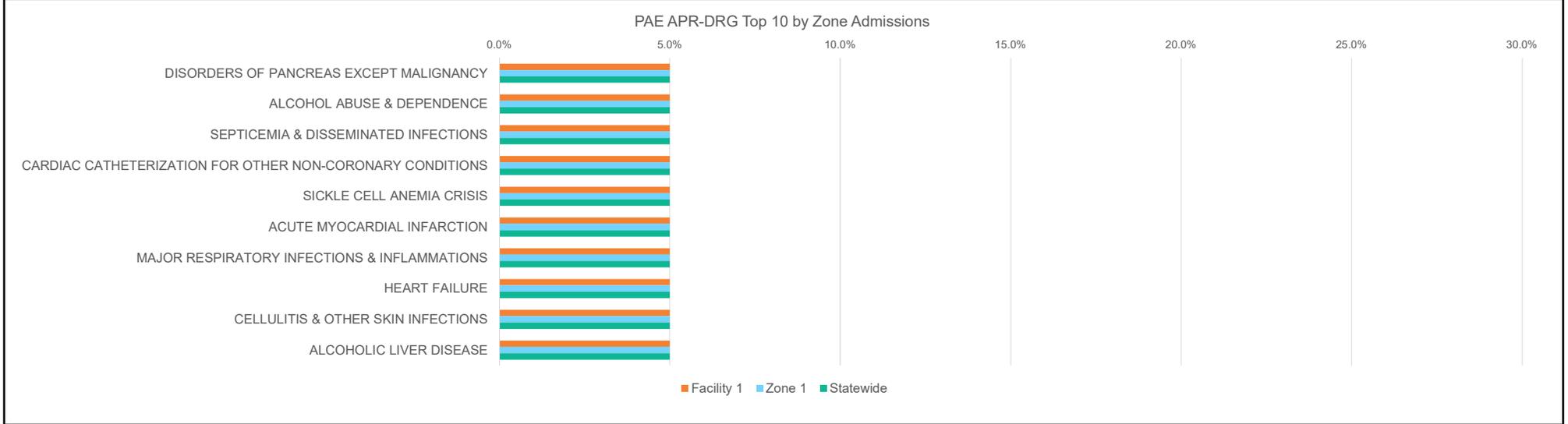
4. Events and Dollars by Age Band and Gender									
Facility 1		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	2,000	20	1.0%	1.0%	\$ 50,000	\$ 500	1.0%	1.0%
All Ages	Female	2,000	20	1.0%	1.0%	\$ 50,000	\$ 500	1.0%	1.0%
Total		4,000	40	1.0%	1.0%	\$ 100,000	\$ 1,000	1.0%	1.0%
Under Age 1		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Years 1-20		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Years 21-44		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Years 45-64		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Years 65+		800	8	1.0%	1.0%	\$ 20,000	\$ 200	1.0%	1.0%
Total		4,000	40	1.0%	1.0%	\$ 100,000	\$ 1,000	1.0%	1.0%
Zone 1		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	10,000	100	1.0%	1.0%	\$ 160,000,000	\$ 1,600,000	1.0%	1.0%
All Ages	Female	10,000	100	1.0%	1.0%	\$ 160,000,000	\$ 1,600,000	1.0%	1.0%
Total		20,000	200	1.0%	1.0%	\$ 320,000,000	\$ 3,200,000	1.0%	1.0%
Under Age 1		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Years 1-20		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Years 21-44		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Years 45-64		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Years 65+		4,000	40	1.0%	1.0%	\$ 64,000,000	\$ 640,000	1.0%	1.0%
Total		20,000	200	1.0%	1.0%	\$ 320,000,000	\$ 3,200,000	1.0%	1.0%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2020 % of Total	2019 % of Total	Total	PAE	2020 % of Total	2019 % of Total
All Ages	Male	20,000	200	1.0%	1.0%	\$ 320,000,000	\$ 3,200,000	1.0%	1.0%
All Ages	Female	20,000	200	1.0%	1.0%	\$ 320,000,000	\$ 3,200,000	1.0%	1.0%
Total		40,000	400	1.0%	1.0%	\$ 640,000,000	\$ 6,400,000	1.0%	1.0%
Under Age 1		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Years 1-20		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Years 21-44		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Years 45-64		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Years 65+		8,000	80	1.0%	1.0%	\$ 128,000,000	\$ 1,280,000	1.0%	1.0%
Total		40,000	400	1.0%	1.0%	\$ 640,000,000	\$ 6,400,000	1.0%	1.0%



Appendix G Template for Demonstration Only

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Facility:	Facility 1

5. Events and Dollars by Top 10 APR-DRG														
Top 10 PAE by Zone			Facility 1				Zone 1				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE	PAE	PAE Dollars	2020 % of Total PAE	2019 % of Total PAE
1	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
2	0775	ALCOHOL ABUSE & DEPENDENCE	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
3	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
4	0192	CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
5	0662	SICKLE CELL ANEMIA CRISIS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
6	0190	ACUTE MYOCARDIAL INFARCTION	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
7	0137	MAJOR RESPIRATORY INFECTIONS & INFLAMMATIONS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
8	0194	HEART FAILURE	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
9	0383	CELLULITIS & OTHER SKIN INFECTIONS	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
10	0280	ALCOHOLIC LIVER DISEASE	2	\$ 50	5.0%	5.0%	10	\$ 160,000	5.0%	5.0%	20	\$ 32,000,000	5.0%	5.0%
		All Else	20	\$ 500	50.0%	50.0%	100	\$ 1,600,000	50.0%	50.0%	200	\$ 320,000,000	50.0%	50.0%
		Total	40	\$ 1,000	100.0%	100.0%	200	\$ 3,200,000	100.0%	100.0%	400	\$ 640,000,000	100.0%	100.0%



Appendix G Template for Demonstration Only

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2020 - December 31, 2020
Facility:	Facility 1

1. Events by Potentially Avoidable Complication		Facility 1			Zone 1			Statewide		
PAC #	PAC Description	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE	PAE	2020 % of Total PAE	2019 % of Total PAE
1	Foreign Object Retained After Surgery	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
2	Air Embolism	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
3	Blood Incomparability	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
4	Stage III and IV Pressure Ulcers	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
5	Falls and Trauma	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
6	Catheter-Associated UTI	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
7	Vascular Catheter-Associated Infection	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
9	Manifestations of Poor Glycemic Control	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
10	DVT/PE with Total Knee or Hip Replacement	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
11	Surgical Site Infection - Bariatric Surgery	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
14	Iatrogenic Pneumothorax w / Venous Catheterization	1	7.1%	7.1%	2	7.1%	7.1%	3	7.1%	7.1%
Total		14	100.0%	100.0%	28	100.0%	100.0%	42	100.0%	100.0%



Appendix H

Hospital List

Appendix H

Health Care Outcomes Facility List				
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location
ABINGTON MEMORIAL HOSPITAL	ABINGTON MEMORIAL HOSP	390231	100769186	0184
ADVANCED SURGICAL HOSPITAL	ADVANCED SURGICAL HOSPITAL	390323	102535275	0002
AEMC-ELKINS PARK	ALBERT EINSTEIN MED CTR	390142	100754414	0116
AHN BRENTWOOD NEIGHBORHOOD HOSPITAL	AHN WESTMORELAND	AHN003	103788819	0003
AHN HARMAR NEIGHBORHOOD HOSPITAL	AHN WESTMORELAND	AHN004	103788819	0004
AHN HEMPFIELD NEIGHBORHOOD HOSPITAL	AHN WESTMORELAND	AHN001	103788819	0001
AHN MCCANDLESS NEIGHBORHOOD HOSPITAL	AHN WESTMORELAND	AHN002	103788819	0002
AHN WEXFORD HOSPITAL	AHN WEXFORD HOSPITAL	AHN005	100727720	0146
ALBERT EINSTEIN MEDICAL CENTER	ALBERT EINSTEIN MED CTR	390142	100754414	0015
ALLE KISKI MEDICAL CENTER	ALLE KISKI MEDICAL CENTER	390032	100744768	0001
ALLENTOWN SPECIALTY HOSPITAL	GOOD SHEPHERD SPECIALTY HOSPITAL	392033	102981028	0001
AMERICAN ONCOLOGIC HOSPITAL	AMERICAN ONCOLOGIC HOSPITAL	390196	100773699	0004
ARIA HEALTH	ARIA HEALTH	390115	100770525	0011
ARIA HEALTH BUCKS COUNTY CAMPUS	ARIA HEALTH	390115	100770525	0041
ARIA HEALTH HOSPITAL FRANKFORD	ARIA HEALTH	390115	100770525	0010
ARMSTRONG COUNTY MEMORIAL HOSPITAL	ARMSTRONG COUNTY MEM HOSP	390163	100745907	0002
AUMC CANONSBURG	ALLEGHENY UNIVERSITY MEDICAL CENTER-CANONSBURG	390160	100727730	0001
AVENUES RECOVERY MEDICAL CENTER AT VALLEY FORGE	AVENUES RECOVERY MEDICAL CENTER AT VALLEY FORGE	390272	103895158	0004
BARNES-KASSON COUNTY HOSPITAL	BARNES KASSON HOSPITAL	391309	100727622	0007
BERWICK HOSPITAL COMPANY LLC	BERWICK HOSPITAL CENTER	390072	100756259	0006
BLUE MOUNTAIN HOSPITAL	ST. LUKE'S HOSPITAL-GNADEN HUETTEN CAMPUS	390194	100495831	0036
BRADFORD REGIONAL MEDICAL CENTER	BRADFORD REGIONAL MEDICAL CENTER	390118	100750765	0005
BRADFORD REGIONAL MEDICAL CENTER	BRADFORD REGIONAL MEDICAL CENTER	390118	100775503	0022
BRANDYWINE HOSPITAL	BRANDYWINE HOSPITAL	390076	100775129	0005
BRANDYWINE HOSPITAL	BRANDYWINE HOSPITAL	390076	103442072	0001
BRYN MAWR HOSPITAL	BRYN MAWR HOSPITAL	390139	100735428	0026
BUCKTAIL MEDICAL CENTER	BUCKTAIL MEDICAL CENTER	391304	100764439	0002
BUTLER MEMORIAL HOSPITAL	BUTLER MEMORIAL HOSPITAL	390168	100773160	0013
CARLISLE REGIONAL MEDICAL CENTER	UPMC CARLISLE (CARLISLE REGIONAL MEDICAL CENTER)	390058	100775085	0022
CH HOSPITAL OF ALLENTOWN LLC	LEHIGH VALLEY HOSPITAL-COORDINATED HEALTH ALLENTOWN	390321	102374924	0001
CHARLES COLE MEMORIAL HOSPITAL	UPMC COLE	391313	100001127	0106
CHESTER COUNTY HOSPITAL	CHESTER COUNTY HOSPITAL	390179	100727669	0009
CHESTNUT HILL HOSPITAL	CHESTNUT HILL HOSPITAL	390026	101315197	0002
CHESTNUT HILL HOSPITAL	CHESTNUT HILL HOSPITAL	390026	103432933	0001
CHILDRENS HOSPITAL OF PHILADELPHIA	CHILDRENS HOSPITAL OF PHILADELPHIA	393303	100770991	0056
CLARION HOSPITAL	CLARION HOSPITAL	390093	100233767	0005
CONEMAUGH MEMORIAL MEDICAL CENTER	CONEMAUGH VALLEY MEM HOSP	390110	102976289	0001
CONEMAUGH MEYERSDALE MEDICAL CENTER	MEYERSDALE COMMUNITY HOSP	391302	102976322	0001
CONEMAUGH MINERS MEDICAL CENTER	CONEMAUGH MINERS MEDICAL CENTER	390130	102976378	0001
CONEMAUGH NASON MEDICAL CENTER	NASON HOSPITAL	390062	102998929	0001
COORDINATED HEALTH ORTHOPEDIC HOSPITAL LLC	COORDINATED HEALTH ORTHOPEDIC HOSPITAL	390314	102210574	0001
CORRY MEMORIAL HOSPITAL	CORRY MEMORIAL HOSP	391308	100769990	0022
CROZER-CHESTER MEDICAL CENTER	CROZER CHESTER MEDICAL CENTER-TAYLOR	390180	103115130	0001
CROZER-CHESTER MEDICAL CENTER SPRINGFIELD	CROZER CHESTER MEDICAL CENTER-TAYLOR	390180	103115130	0002
CROZER-CHESTER MEDICAL CENTER TAYLOR	CROZER CHESTER MEDICAL CENTER-TAYLOR	390180	103115130	0003
CURAHEALTH HERITAGE VALLEY	CURAHEALTH HERITAGE VALLEY	392043	103229042	0001
CURAHEALTH PITTSBURGH	CURAHEALTH PITTSBURGH	392028	103229051	0001
DELAWARE COUNTY MEMORIAL HOSPITAL	DELAWARE COUNTY MEM HOSP	390081	103106893	0001
DIVINE PROVIDENCE HOSPITAL	UPMC WILLIAMSPORT DIVINE PROVIDENCE	394048	100756375	0014
DOYLESTOWN HOSPITAL	DOYLESTOWN HOSPITAL	390203	100125732	0003
EASTON HOSPITAL	ST. LUKE'S HOSPITAL EASTON CAMPUS (EASTON HOSPITAL)	390162	100752590	0001
EASTON HOSPITAL	ST. LUKE'S HOSPITAL EASTON CAMPUS (EASTON HOSPITAL)	390162	103379540	0001
EINSTEIN MEDICAL CENTER MONTGOMERY	EINSTEIN MEDICAL CENTER MONTGOMERY	390329	102743527	0001

Appendix H

Health Care Outcomes Facility List				
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location
ELLWOOD MEDICAL CENTER LLC	ELLWOOD MEDICAL CENTER LLC	390008	100771854	0006
ELLWOOD MEDICAL CENTER LLC	ELLWOOD MEDICAL CENTER LLC	390008	103462790	0001
ENDLESS MOUNTAINS HEALTH SYSTEMS	ENDLESS MOUNTAIN HEALTH SYSTEMS	391306	100737306	0011
EPHRATA COMMUNITY HOSPITAL	EPHRATA COMMUNITY HOSPITAL	390225	100746468	0006
EVANGELICAL COMMUNITY HOSPITAL	EVANGELICAL COMM HOSPITAL	390013	100773151	0008
FRICK HOSPITAL	FRICK HOSPITAL	390217	100727963	0007
FULTON COUNTY MEDICAL CENTER	FULTON COUNTY MEDICAL CENTER	391303	100742763	0011
GEISINGER COMMUNITY MEDICAL CENTER	GEISINGER COMMUNITY MEDICAL CENTER	390001	100745676	0006
GEISINGER LEWISTOWN HOSPITAL	GEISINGER LEWISTOWN HOSPITAL	390048	100750676	0045
GEISINGER MEDICAL CENTER	GEISINGER MEDICAL CENTER	390006	100747886	0069
GEISINGER MEDICAL CENTER	GEISINGER MEDICAL CENTER	390006	100747886	0111
GEISINGER MEDICAL CENTER	GEISINGER MEDICAL CENTER	390006	100747886	0112
GEISINGER WYOMING VALLEY MEDICAL CENTER	GEISINGER-WYOMING MEDICAL CENTER	390270	100758478	0030
GEISINGER WYOMING VALLEY MEDICAL CENTER	GEISINGER-WYOMING MEDICAL CENTER	390270	100758478	0002
GEISINGER-BLOOMSBURG HOSPITAL	GEISINGER BLOOMSBURG HOSPITAL	390003	100774041	0009
GEISINGER-LEWISTOWN HOSPITAL	GEISINGER LEWISTOWN HOSPITAL	390048	100750676	0004
GEISINGER-SHAMOKIN AREA COMMUNITY HOSPITAL	GEISINGER MEDICAL CENTER	390006	100747886	0097
GNADEN HUETTEN MEM HOSPITAL	ST. LUKE'S HOSPITAL-GNADEN HUETTEN CAMPUS	390194	100495831	0047
GOOD SHEPHERD PENN PTNRS SPEC HOSP AT RITTENHOUSE	GOOD SHEPHERD PENN PTNRS SPEC HOSP AT RITTENHOUSE	AAAAAA	102381123	0001
GRAND VIEW HOSPITAL	GRAND VIEW HOSPITAL	390057	100125741	0007
GROVE CITY MEDICAL CENTER HOSPITAL	GROVE CITY MEDICAL CENTER	390266	100776547	0006
GSL HOSPITAL	GEISINGER ST. LUKE'S HOSPITAL	390332	103727386	0001
GUTHRIE TOWANDA MEMORIAL HOSPITAL	GUTHRIE TOWANDA MEMORIAL HOSPITAL	390236	100771326	0001
HAHNEMANN UNIVERSITY HOSPITAL	HAHNEMANN UNIVERSITY HOSPITAL	390290	100756393	0015
HAHNEMANN UNIVERSITY HOSPITAL	HAHNEMANN UNIVERSITY HOSPITAL	390290	103466708	0001
HEART LANCASTER REGIONAL MEDICAL CENTER	UPMC LITITZ (HEART LANCASTER REGIONAL MEDICAL CENTER)	390068	100734135	0023
HERITAGE VALLEY BEAVER	HERITAGE VALLEY BEAVER	390036	100003355	0174
HERITAGE VALLEY KENNEDY	HERITAGE VALLEY KENNEDY (FORMERLY OHIO VALLEY GENERAL HOSPITAL)	390157	100003355	0312
HERITAGE VALLEY SEWICKLEY	HERITAGE VALLEY BEAVER	390037	100003355	0175
HERITAGE VALLEY SEWICKLEY	HERITAGE VALLEY SEWICKLEY	390037	100003355	0179
HIGHLANDS HOSPITAL	HIGHLANDS HOSPITAL & HLTH CTR	390184	100776921	0010
HOLY REDEEMER HOSPITAL	HOLY REDEEMER HOSPITAL	390097	100126453	0009
HOLY SPIRIT HOSPITAL	HOLY SPIRIT HOSPITAL	390004	100771881	0081
HUP CEDAR AVE	UNIVERSITY OF PENNA HOSPITAL	390156	100125877	0306
INDIANA REGIONAL MEDICAL CENTER	INDIANA REGIONAL MEDICAL CENTER	390173	100771353	0001
JEANES HOSPITAL	JEANES HOSPITAL	390080	100506111	0008
JEFFERSON REGIONAL MEDICAL CENTER	JEFFERSON HEALTH SERVICES	390265	100744347	0018
JENNERSVILLE HOSPITAL	JENNERSVILLE HOSPITAL	390220	100731240	0006
JENNERSVILLE HOSPITAL	JENNERSVILLE HOSPITAL	390220	103442063	0001
JERSEY SHORE HOSPITAL	JERSEY SHORE HOSPITAL	391300	100770356	0003
KANE COMMUNITY HOSPITAL	UPMC KANE	390104	100745774	0004
KENSINGTON HOSPITAL	KENSINGTON HOSPITAL	390025	100771729	0006
KINDRED HOSPITAL OF PHILADELPHIA	KINDRED HOSPITAL	392027	001759216	0009
KINDRED HOSPITAL PHILADELPHIA SOUTH	KINDRED HOSPITAL PHILADELPHIA SOUTH	392046	102688579	0001
KINDRED HOSPITAL PHILADELPHIA-HAVERTOWN	KINDRED HOSPITAL	392027	001759216	0005
LANCASTER GENERAL HOSPITAL	LANCASTER GENERAL HOSP	390100	100771175	0051
LANSDALE HOSPITAL CORPORATION	LANSDALE HOSPITAL CORPORATION	390012	102256789	0001
LATROBE AREA HOSPITAL	LATROBE AREA HOSPITAL	390219	100761052	0083
LEHIGH VALLEY HOSPITAL	LEHIGH VALLEY HOSPITAL	390133	100766021	0018
LEHIGH VALLEY HOSPITAL	LEHIGH VALLEY HOSPITAL	390133	100766021	0023
LEHIGH VALLEY HOSPITAL	LEHIGH VALLEY HOSPITAL	390133	100766021	0057
LEHIGH VALLEY HOSPITAL	LEHIGH VALLEY HOSPITAL MUHLENBERG	390133	100766021	0076
LEHIGH VALLEY HOSPITAL HAZLETON	LEHIGH VALLEY HOSPITAL HAZLETON	390185	100728719	0004

Appendix H

Health Care Outcomes Facility List				
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location
LEHIGH VALLEY HOSPITAL HECKTOWN OAKS	LEHIGH VALLEY HOSPITAL HECKTOWN OAKS	LVNHHO	100766021	0114
LEHIGH VALLEY HOSPITAL MUHLENBERG	LEHIGH VALLEY HOSPITAL MUHLENBERG	390263	100730000	0001
LEHIGH VALLEY HOSPITAL SCHUYLKILL	LEHIGH VALLEY HOSPITAL SCHUYLKILL	390030	100760725	0019
LEHIGH VALLEY HOSPITAL SCHUYLKILL	LEHIGH VALLEY HOSPITAL SCHUYLKILL	390030	100760725	0031
LEHIGH VALLEY HOSPITAL-COORDINATED HEALTH ALLENTOW	LEHIGH VALLEY HOSPITAL-COORDINATED HEALTH ALLENTOWN	390321	103757474	0001
LEHIGH VALLEY HOSPITAL-COORDINATED HEALTH BETHLEHE	LEHIGH VALLEY HOSPITAL-COORDINATED HEALTH BETHLEHEM	390314	103757634	0001
LEHIGH VALLEY REILLY CHILDRENS HOSPITAL	LEHIGH VALLEY HOSPITAL	390133	100766021	0106
LIFECARE HOSPITALS OF MECHANISBURG	LIFECARE HOSPITALS OF MECHANISBURG	BBBBBB	102904510	0001
LIFECARE HOSPITALS OF PITTSBURGH-ALLE KISKI	LIFECARE HOSPITALS OF PITTSBURGH-ALLE KISKI	392204	102904459	0003
LIFECARE HOSPITALS OF PITTSBURGH-MAIN	LIFECARE HOSPITALS OF PITTSBURGH-MAIN	392204	102904459	0002
LIFECARE HOSPITALS OF PITTSBURGH-SUBURBAN	LIFECARE HOSPITALS OF PITTSBURGH-SUBURBAN	392204	102904459	0001
MAIN LINE HOSPITAL LANKENAU	MAIN LINE HOSPITAL LANKENAU	390195	100735428	0039
MCMC MERCY FITZGERALD CAMPUS	M.C.M.C. FITZGERALD MERCY DV	390156A	100730682	0001
MCMC MERCY PHILADELPHIA CAMPUS	MERCY HOSPITAL OF PHILADELPHIA	390156	100730682	0068
MEADVILLE MEDICAL CENTER	MEADVILLE MEDICAL CENTER	390113	100752115	0043
MILLCREEK COMMUNITY HOSPITAL	MILLCREEK COMMUNITY HOSPITAL	390198	100771120	0008
MONONGAHELA VALLEY HOSPITAL INC	MONONGAHELA VALLEY HOSP, INC	390147	100738887	0002
MOUNT NITTANY MEDICAL CENTER	MOUNT NITTANY MEDICAL CENTER	390268	100746655	0003
NAZARETH HOSPITAL	NAZARETH HOSPITAL	390204	100765472	0011
NEW LIFECARE HOSPITALS OF CHESTER COUNTY LLC	NEW LIFECARE HOSPITALS OF CHESTER COUNTY LLC	392048	102904495	0001
OHIO VALLEY GENERAL HOSPITAL	HERITAGE VALLEY KENNEDY (FORMERLY OHIO VALLEY GENERAL HOSPITAL)	390157	100750282	0003
OSS ORTHOPAEDIC HOSPITAL	OSS ORTHOPAEDIC HOSPITAL	390325	102569451	0001
PAOLI MEMORIAL HOSPITAL	PAOLI MEMORIAL HOSPITAL	390153	100735428	0036
PENN HIGHLANDS BROOKVILLE	BROOKVILLE HOSPITAL	391312	100773376	0004
PENN HIGHLANDS CLEARFIELD	CLEARFIELD HOSPITAL	390052	100747400	0032
PENN HIGHLANDS DUBOIS	DUBOIS REGIONAL MEDICAL CENTER	390086	100774088	0070
PENN HIGHLANDS DUBOIS CLEARFIELD CAMPUS	DUBOIS REGIONAL MEDICAL CENTER	390052	100774088	0263
PENN HIGHLANDS ELK	PENN HIGHLANDS ELK	390154	100729260	0030
PENN HIGHLANDS HUNTINGTON	J C BLAIR HOSPITAL	390056	100768376	0041
PENN PRESBYTERIAN MEDICAL CENTER	PENN PRESBYTERIAN MEDICAL CENTER	390223	100729707	0008
PENNSYLVANIA HOSPITAL/UPHS	PENNSYLVANIA HOSPITAL/UPHS	390226	100004915	0007
PHOENIXVILLE HOSPITAL	PHOENIXVILLE HOSPITAL	390127	101095315	0001
PHOENIXVILLE HOSPITAL	PHOENIXVILLE HOSPITAL	390127	103441333	0001
PHYSICIANS CARE SURGICAL HOSPITAL	PHYSICIANS CARE SURGICAL HOSPITAL	390324	102569415	0001
PINNACLE HEALTH LANCASTER REGIONAL MEDICAL CENTER	PINNACLE HEALTH LANCASTER REGIONAL MEDICAL CEN	390061	100006713	0006
PINNACLE HEALTH LANCASTER REGIONAL MEDICAL CENTER	PINNACLE HEALTH LANCASTER REGIONAL MEDICAL CEN	390061	103359691	0001
PINNACLE HEALTH MEMORIAL HOSPITAL	UPMC MEMORIAL (MEMORIAL HOSPITAL, YORK)	390101	103360870	0001
POCONO MEDICAL CENTER	POCONO HOSPITAL	390201	100772397	0001
POST ACUTE MEDICAL AT NANTICOKE LLC	PAM SPECIALTY HOSPITAL	392025	103067848	0002
POST ACUTE MEDICAL AT NANTICOKE LLC	PAM SPECIALTY HOSPITAL	392025	103067848	0001
POTTSTOWN HOSPITAL	POTTSTOWN HOSPITAL	390123	100751744	0003
POTTSTOWN HOSPITAL	POTTSTOWN HOSPITAL	390123	103441692	0001
PRIME HEALTHCARE SERVICES LOWER BUCKS LLC	LOWER BUCKS HOSPITAL	390070	102862484	0001
PUNXSUTAWNEY AREA HOSPITAL	PUNXSUTAWNEY AREA HOSPITAL	390199	100771264	0007
READING HOSPITAL	READING HOSPITAL-MED CTR	390044	100286591	0069
REGIONAL HOSPITAL OF SCRANTON	REGIONAL HOSPITAL OF SCRANTON	390237	102607329	0007
RIDDLE MEMORIAL HOSPITAL	RIDDLE MEMORIAL HOSPITAL	390222	100741229	0004
ROBERT PACKER HOSPITAL	ROBERT PACKER HOSPITAL	390079	100770614	0003
ROBERT PACKER HOSPITAL TOWANDA CAMPUS	ROBERT PACKER HOSPITAL	390236	100770614	0044
ROXBOROUGH MEMORIAL HOSPITAL	ROXBOROUGH MEMORIAL HOSPITAL	390304	102685791	0001
SACRED HEART HOSPITAL	SACRED HEART HOSPITAL	390197	100727542	0012
SAINT VINCENT HEALTH CENTER	SAINT VINCENT HEALTH CENTER	390009	100162520	0025
SCHUYLKILL MEDICAL CENTER EAST NORWEGIAN STREET	SCHUYLKILL MEDICAL CNT E NORWEGIAN ST	390031	100760449	0031

Appendix H

Health Care Outcomes Facility List				
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location
SCRANTON HOSPITAL COMPANY LLC	REGIONAL HOSPITAL OF SCRANTON	390237	102607329	0001
SCRANTON QUINCY HOSPITAL COMPANY LLC	MOSES TAYLOR HOSPITAL	390119	102705188	0001
SELECT SPECIALTY HOSPITAL CENTRAL PA LP	SELECT SPECIALTY HOSPITAL CENTRAL PA LP	392039	102770936	0003
SELECT SPECIALTY HOSPITAL CENTRAL PA LP	SELECT SPECIALTY HOSPITAL CENTRAL PA LP	392039	102770936	0004
SELECT SPECIALTY HOSPITAL CENTRAL PA LP CAMP HILL	SELECT SPECIALTY HOSPITAL CENTRAL PA LP	392039	102770936	0001
SELECT SPECIALTY HOSPITAL DANVILLE INC	SELECT SPECIALTY HOSPITAL DANVILLE INC	392047	102770847	0001
SELECT SPECIALTY HOSPITAL JOHNSTOWN	SELECT SPECIALTY HOSPITAL JOHNSTOWN	392031	102717376	0001
SELECT SPECIALTY HOSPITAL LAUREL HIGHLANDS INC	SELECT SPECIALTY HOSPITAL LAUREL HIGHLANDS INC	392036	102740946	0001
SELECT SPECIALTY HOSPITAL MCKEESPORT INC	SELECT SPECIALTY HOSPITAL MCKEESPORT INC	392045	102741166	0001
SELECT SPECIALTY HOSPITAL PITTSBURGH/UPMC INC	SELECT SPECIALTY HOSPITAL PITTSBURGH/UPMC INC	392044	102741110	0002
SELECT SPECIALTY HOSPITAL-ERIE	SELECT SPECIALTY HOSPITAL-ERIE	392037	102717465	0001
SELECT SPECIALTY HOSPITAL PITTSBURGH/UPMC INC	SELECT SPECIALTY HOSPITAL PITTSBURGH/UPMC INC	392044	102741110	0001
SHARON REGIONAL MEDICAL CENTER	SHARON REGIONAL MEDICAL CENTER	390211	102905788	0001
SHARON REGIONAL MEDICAL CENTER	SHARON REGIONAL MEDICAL CENTER	390211	103377288	0001
SHRINERS HOSPITALS FOR CHILDREN	SHRINERS HOSPITAL FOR CHILDREN	393309	102588878	0001
SOMERSET COMMUNITY HOSPITAL	SOMERSET COMMUNITY HOSPITAL	390039	100208666	0009
ST CHRISTOPHERS HOSPITAL FOR CHILDREN	ST CHRISTOPHERS HOSPITAL FOR CHILDREN	393307	100729672	0002
ST CHRISTOPHERS HOSPITAL FOR CHILDREN	ST CHRISTOPHERS HOSPITAL FOR CHILDREN	393307	103466163	0001
ST CHRISTOPHERS HOSPITAL FOR CHILDREN	ST CHRISTOPHERS HOSPITAL FOR CHILDREN	393307	103728409	0001
ST CLAIR MEMORIAL HOSPITAL	ST. CLAIR MEMO HOSPITAL	390228	100755206	0019
ST JOSEPH REGIONAL HEALTH NETWORK	ST JOSEPH REGIONAL HEALTH NETWORK	390096	100754497	0057
ST LUKES HOSP ALLENTOWN	ST. LUKE'S HOSPITAL OF BETHLEHEM/ALLENTOWN	390049	100755251	0086
ST LUKES HOSP OF BETHLEHEM	ST. LUKE'S HOSPITAL OF BETHLEHEM/ALLENTOWN	390049	100755251	0051
ST LUKES HOSP OF BETHLEHEM	ST. LUKE'S HOSPITAL OF BETHLEHEM/ALLENTOWN	390049	100755251	0053
ST LUKES HOSPITAL ANDERSON CAMPUS	ST. LUKE'S HOSPITAL ANDERSON CAMPUS	390326	102809290	0001
ST LUKES HOSPITAL BETHLEHEM	ST. LUKE'S HOSPITAL OF BETHLEHEM/ALLENTOWN	390049	100755251	0117
ST LUKES HOSPITAL EASTON	ST. LUKE'S HOSPITAL EASTON CAMPUS (EASTON HOSPITAL)	390162	103816360	0001
ST LUKES HOSPITAL MONROE CAMPUS	ST. LUKE'S HOSPITAL MONROE CAMPUS	390330	103220010	0001
ST LUKES HOSPITAL QUAKERTOWN	ST. LUKE'S QUAKERTOWN HOSPITAL	390035	100745700	0001
ST LUKES HOSPITAL UPPER BUCKS CAMPUS	ST. LUKE'S QUAKERTOWN HOSPITAL	390035	100745700	0017
ST LUKES HOSPITAL-LEHIGHTON CAMPUS	ST LUKES HOSPITAL-LEHIGHTON CAMPUS	390049A	100755251	0121
ST LUKES MINERS MEMORIAL HOSPITAL	ST. LUKE'S MINERS MEMORIAL HOSPITAL	390183	100745470	0008
ST MARY MEDICAL CENTER	SAINT MARY MEDICAL CENTER	390258	100773142	0004
SUBURBAN COMMUNITY HOSPITAL	MERCY SUBURBAN HOSPITAL	390116	103075750	0001
SURGERY CENTER AT EDGEWOOD PLACE	SURGERY CENTER AT EDGEWOOD PLACE	390307	101009710	0002
SURGERY CENTER AT EDGEWOOD PLACE	SURGERY CENTER AT EDGEWOOD PLACE	390307	101009710	0006
SURGICAL INSTITUTE OF READING LLC	SURGICAL INSTITUTE OF READING LLC	390316	102075470	0001
TEMPLE UNIVERSITY HOSPITAL BONE MARROW TRANSPLANT	TEMPLE UNIVERSITY HOSPITAL	390027	100735114	0023
TEMPLE UNIVERSITY HOSPITAL EPISCOPAL CAMPUS	TEMPLE UNIVERSITY HOSPITAL	390027	100735114	0022
TEMPLE UNIVERSITY HOSPITAL INC	TEMPLE UNIVERSITY HOSPITAL	390027	100735114	0008
TEMPLE UNIVERSITY HOSPITAL-JEANES CAMPUS	TEMPLE UNIVERSITY HOSPITAL	390080	100735114	0024
THE CHAMBERSBURG HOSPITAL	CHAMBERSBURG HOSPITAL	390151	100745970	0009
THE GOOD SAMARITAN HOSPITAL	GOOD SAMARITAN HOSPITAL	390066	100773278	0004
THE MILTON S HERSHEY MEDICAL CENTER	MILTON S. HERSHEY MEDICAL CTR, THE	390256	100765310	0005
THE WASHINGTON HOSPITAL	WASHINGTON HOSPITAL	390042	100738911	0009
THOMAS JEFFERSON UNIVERSITY HOSPITAL	THOMAS JEFFERSON UNIV & HOSP	390174	100750854	0018
THOMAS JEFFERSON UNIVERSITY HOSPITAL METHODIST	THOMAS JEFFERSON UNIV & HOSP	390174	100750854	0022
TITUSVILLE HOSPITAL	TITUSVILLE HOSPITAL	390122	100746065	0002
TITUSVILLE HOSPITAL	TITUSVILLE HOSPITAL	390122	100746065	0003
TROY COMMUNITY HOSPITAL	TROY COMMUNITY HOSPITAL	391305	100750578	0019
TUNKHANNOCK HOSPITAL COMPANY LLC	TYLER MEMORIAL HOSPITAL	390192	102607436	0001
TYRONE HOSPITAL	TYRONE HOSPITAL	391307	100773400	0002
UNIONTOWN HOSPITAL	UNIONTOWN HOSP ASSOC	390041	100763075	0018

Appendix H

Health Care Outcomes Facility List				
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location
UNIVERSITY OF PENNSYLVANIA HOSPITAL	UNIVERSITY OF PENNA HOSPITAL	390111	100125877	0069
UNIVERSITY OF PENNSYLVANIA HOSPITAL	UNIVERSITY OF PENNA HOSPITAL	390111	100125877	0100
UPMC ALTOONA	UPMC ALTOONA	390073	100727829	0085
UPMC CARLISLE	UPMC CARLISLE (CARLISLE REGIONAL MEDICAL CENTER)	390058	103355781	0001
UPMC CHILDRENS HOSPITAL OF PITTSBURGH	UPMC CHILDRENS HOSPITAL OF PITTSBURGH	393302	100734799	0059
UPMC EAST	UPMC EAST	390328	102726544	0001
UPMC HAMOT	UPMC HAMOT	390063	100728657	0033
UPMC HANOVER	UPMC HANOVER	390233	100744033	0006
UPMC HORIZON	UPMC HORIZON	390178	100728236	0025
UPMC HORIZON	UPMC HORIZON	390178	100728236	0032
UPMC JAMESON	UPMC JAMESON	390016	100002189	0007
UPMC LITITZ	UPMC LITITZ (HEART LANCASTER REGIONAL MEDICAL CENTER)	390068	103360084	0001
UPMC LOCK HAVEN HOSPITAL	UPMC LOCK HAVEN HOSPITAL (LOCK HAVEN HOSPITAL)	390071	100755091	0001
UPMC LOCK HAVEN HOSPITAL	UPMC LOCK HAVEN HOSPITAL (LOCK HAVEN HOSPITAL)	390071	103451581	0001
UPMC MAGEE-WOMENS HOSPITAL	UPMC MAGEE-WOMENS HOSPITAL	390114	100771157	0045
UPMC MCKEESPORT	UPMC-MCKEESPORT	390002	100764340	0014
UPMC MEMORIAL	UPMC MEMORIAL (MEMORIAL HOSPITAL, YORK)	390101	102732050	0001
UPMC MEMORIAL	UPMC MEMORIAL (MEMORIAL HOSPITAL, YORK)	390101	103360870	0007
UPMC MERCY	UPMC MERCY	390028	100138089	0017
UPMC MERCY	UPMC MERCY	390028	100138089	0044
UPMC MUNCY	UPMC MUNCY	391301	100760780	0008
UPMC NORTHWEST	UPMC NORTHWEST	390091	100775791	0056
UPMC PASSAVANT CRANBERRY	UPMC PASSAVANT HOSPITAL	390107	100191335	0013
UPMC PASSAVANT HOSPITAL	UPMC PASSAVANT HOSPITAL	390107	100191335	0005
UPMC PINNACLE	UPMC PINNACLE HOSPITALS	390067	100002563	0043
UPMC PINNACLE COMMUNITY GENERAL	UPMC PINNACLE HOSPITALS	390206	100002563	0059
UPMC PINNACLE WEST SHORE	UPMC PINNACLE HOSPITALS	390067A	100002563	0166
UPMC PRESBYTERIAN SHADYSIDE	UPMC PRESBYTERIAN SHADYSIDE	390164	100001904	0029
UPMC SUNBURY COMMUNITY HOSPITAL	UPMC SUNBURY COMMUNITY HOSPITAL (SUNBURY COMMUNITY HOSPITAL)	390084	101423612	0002
UPMC SUNBURY COMMUNITY HOSPITAL	UPMC SUNBURY COMMUNITY HOSPITAL (SUNBURY COMMUNITY HOSPITAL)	390084	103453058	0001
UPMC WELLSBORO	UPMC WELLSBORO	390043	100003767	0010
UPMC WILLIAMSPORT	UPMC SUSQUEHANNA WILLIAMSPORT	390045	100754835	0019
UPMC-BEDFORD MEMORIAL	UPMC-BEDFORD MEMORIAL	390117	100746047	0003
UPMC-ST MARGARET	UPMC-ST.MARGARET	390102	100759920	0016
VALLEYFORGE MEDICAL CENTER & HOSPITAL	VALLEY FORGE MED CTR & HOSP	390272	100735203	0001
WARREN GENERAL HOSPITAL	WARREN GENERAL HOSPITAL	390146	100728497	0027
WASHINGTON HEALTH SYSTEM GREENE	WASHINGTON HEALTH SYSTEM GREENE	390150	103005569	0001
WAYNE MEMORIAL HOSPITAL	WAYNE MEM HOSPITAL	390125	100738359	0002
WAYNESBORO HOSPITAL	WAYNESBORO HOSPITAL	390138	100742487	0006
WELLSPAN GETTYSBURG HOSPITAL	WELLSPAN GETTYSBURG HOSPITAL	390065	100759018	0008
WELLSPAN SURGERY AND REHAB HOSPITAL ACUTE CARE	WELLSPAN SURGERY AND REHABILITATION HOSPITAL	390327	102704903	0001
WEST PENN-ALLEGHENY GENERAL HOSPITAL	WEST PENN-ALLEGHENY GENERAL HOSPITAL	390050	100727720	0094
WESTERN PENN HOSP-FORBES REGIONAL CAMPUS	WESTERN PENN HOSP-FORBES REGIONAL CAMPUS	390267	100727720	0082
WESTERN PENN HOSPITAL	WESTERN PENN HOSPITAL	390090	100727720	0061
WESTMORELAND REGHOSP	WESTMORELAND REG.HOSP.	390145	100774847	0028
WILKES BARRE HOSPITAL COMPANY LLC	WILKES BARRE GENERAL HOSPITAL	390137	102372966	0001
WILLS EYE HOSPITAL	WILLS EYE HOSPITAL	390331	100763825	0023
WINDBER HOSPITAL	WINDBER HOSPITAL	390112	100770374	0004
WOMEN AND BABIES HOSPITAL	LANCASTER GENERAL HOSP	390100	100771175	0081
YORK HOSPITAL	YORK HOSPITAL	390046	100196547	0059



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