

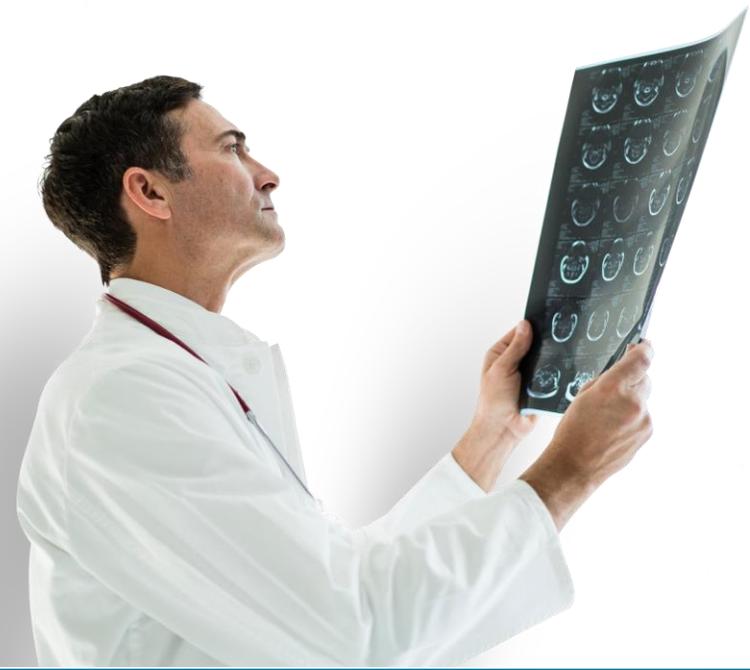
Hospital Outcomes Program Year Five

Report to the Pennsylvania General Assembly

March 1, 2024



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.....	8
5. Next Steps.....	19
Appendix A: Potentially Avoidable Readmissions — MCO Beneficiaries.....	21
Appendix B: Potentially Avoidable Complications — MCO Beneficiaries.....	34
Appendix C: Potentially Avoidable Readmissions — FFS Beneficiaries	40
Appendix D: Potentially Avoidable Complications — FFS Beneficiaries	53
Appendix E: Glossary	59
Appendix F: Hospital Report Template — MCO Beneficiaries	63
Appendix G: Hospital Report Template — FFS Beneficiaries	67
Appendix H: Hospital List	71

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 fifth 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) 2021 also capture the Department's Community HealthChoices (CHC) program on a statewide basis; 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 Five” serves as the fifth-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 fifth 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 Five”.

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 Five of this analysis is consistent with the methodology used in the prior four 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 Five Act 40 Healthcare Outcomes report is for the CY 2021 period, which continued to be impacted by the COVID-19 pandemic. In Pennsylvania, early detection through testing and vaccine administration to decrease the prevalence of COVID-19 were in effect. The availability of vaccines emerged during this time frame through emergency use authorization from the FDA with the goal to decrease the severity of COVID-19 illness and related hospitalizations. Widespread testing sites were available as an alternative to presenting to an Emergency Department or Urgent clinic.

All individuals with a COVID-19 diagnosis during the review period were removed from the inpatient results.

Data Sources

Mercer utilized PH HealthChoices and CHC encounter data for beneficiaries served through the managed care program and fee-for-service (FFS) claims data for beneficiaries served through the FFS program. The Department and Mercer utilized state fiscal year (SFY) 2021–2022 base data in the development of the CHC and PH HealthChoices CY 2024 capitation rates. Therefore, the results

included in this document pertaining to the CY 2021 time period will not align with the SFY 2021–2022 results noted within the CY 2024 rate-development process.

The data used in this analysis includes services provided to MCO members and FFS beneficiaries for service dates January 1, 2021 through December 31, 2021. 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 2023 (Year 4) PAE analysis, data utilized for the PAE analysis include inpatient services, but as noted above, individuals with a COVID-19 diagnosis during the CY 2021 base period were removed from the inpatient results, with the exception of the PAC analysis.

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 Five 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 2020 data:
 - Data includes PH HealthChoices MCOs.
 - Data includes FFS beneficiaries.
 - Data includes CHC-MCOs.
- CY 2021 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

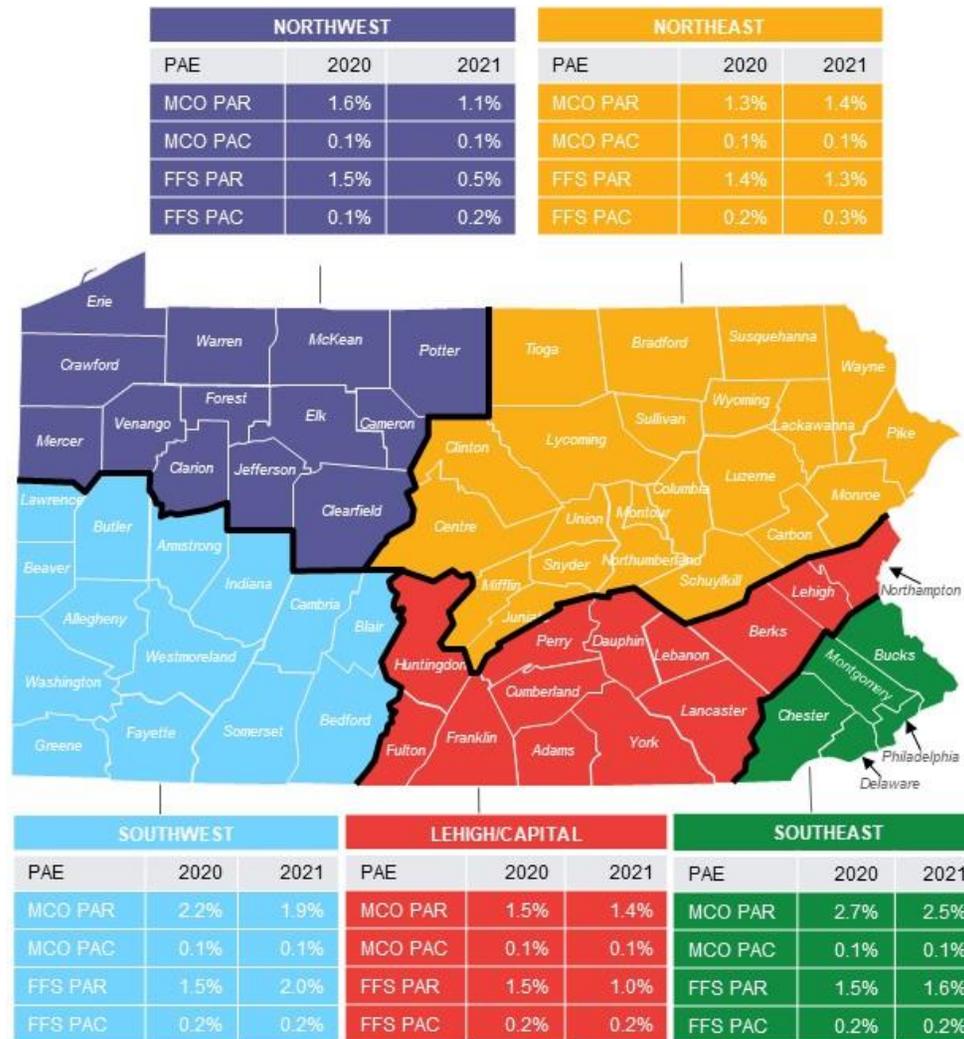
Description of PAEs	Number of PAEs	Number of PAEs	Percentage of Admits	Percentage of Admits	Cost Associated With PAEs*	Cost Associated With PAEs*	Percentage of Inpatient Cost	Percentage of Inpatient Cost
	CY 2020	CY 2021	CY 2020	CY 2021	CY 2020	CY 2021	CY 2020	CY 2021
Medicaid MCO Beneficiaries								
PAR	4,986	5,035	2.1%	1.9%	\$56,125,127	\$57,125,412	2.1%	1.9%
PAC**	284	313	0.1%	0.1%	\$0	\$0	0.0%	0.0%
Medicaid FFS Beneficiaries								
PAR	458	402	1.5%	1.4%	\$6,167,922	\$5,869,605	1.6%	1.6%
PAC**	54	65	0.2%	0.2%	\$0	\$0	0.0%	0.0%
Total	5,782	5,815	2.1%	2.0%	\$62,293,049	\$63,595,017	2.1%	1.9%

*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 2024 rate setting was based on SFY 2021–2022 data and not CY 2021 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 increased by 26 PAEs from CY 2020 to CY 2021, with PAR increases for MCO beneficiaries, but similar PAR decreases for FFS beneficiaries. The total PAE dollars across MCO and FFS increased by \$1.3 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 2020 and CY 2021, respectively.

MCO Beneficiary Results

PARs as a percentage of admissions have decreased from 2.1% to 1.9% for MCO beneficiaries; however, the total number of PARs increased slightly year-over-year. The increase in the total number of PARs was primarily driven by the maintenance of eligibility requirements (i.e., increases in Medicaid membership), as well as suppression of utilization within the hospital systems that occurred in CY 2020 in the early stages of the pandemic.

The cost associated with PARs increased by about \$1.6 million from approximately \$56.1 million to \$57.7 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:

- ACUTE KIDNEY INJURY
- INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE

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

- SICKLE CELL ANEMIA CRISIS
- SEPTICEMIA & DISSEMINATED INFECTIONS

Table 2 — PAR by APR-DRG MCO Beneficiaries

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE % Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost % Change
		CY 2020	CY 2021		CY 2020	CY 2021	
0420	DIABETES	336	298	-11%	\$2,338,970	\$2,587,459	11%
0720	SEPTICEMIA & DISSEMINATED INFECTIONS	323	274	-15%	\$4,807,651	\$4,121,256	-14%
0662	SICKLE CELL ANEMIA CRISIS	334	255	-24%	\$2,842,354	\$1,948,330	-31%
0194	HEART FAILURE	238	254	7%	\$3,303,793	\$4,078,325	23%
0775	ALCOHOL ABUSE & DEPENDENCE	158	184	16%	\$807,292	\$873,808	8%
0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	165	182	10%	\$1,454,817	\$1,176,168	-19%
0140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	161	139	-14%	\$1,444,577	\$1,234,892	-15%
0133	RESPIRATORY FAILURE	115	123	7%	\$1,591,795	\$1,808,705	14%
0280	ALCOHOLIC LIVER DISEASE	102	103	1%	\$888,861	\$947,038	7%
0383	CELLULITIS & OTHER SKIN INFECTIONS	73	100	37%	\$746,630	\$869,273	16%
0710	INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE	68	98	44%	\$933,853	\$1,722,741	84%
0463	KIDNEY & URINARY TRACT INFECTIONS	74	80	8%	\$1,055,348	\$1,204,615	14%

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE % Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost % Change
		CY 2020	CY 2021		CY 2020	CY 2021	
0469	ACUTE KIDNEY INJURY	39	72	85%	\$466,753	\$944,153	102%
0403	PROCEDURES FOR OBESITY	74	69	-7%	\$844,459	\$742,732	-12%
0956	UNGROUPABLE	49	69	41%	\$458,549	\$1,091,978	138%
0425	OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS	90	62	-31%	\$900,116	\$615,216	-32%
0141	ASTHMA	70	59	-16%	\$481,608	\$535,352	11%
0053	SEIZURE	50	58	16%	\$580,452	\$644,227	11%
0249	OTHER GASTROENTERITIS, NAUSEA & VOMITING	45	58	29%	\$385,873	\$697,574	81%
0192	CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS	45	57	27%	\$943,061	\$830,991	-12%

PACs increased from 284 to 313 for MCO beneficiaries. A portion of the increase is due to the inclusion of CHC experience in the Year Five 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 have decreased from 1.5% in CY 2020 to 1.4% in CY 2021 for those served through the FFS delivery system. The cost associated with PARs decreased from approximately \$6.2 million in CY 2020 to \$5.9 million in CY 2021, 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:

- RESPIRATORY FAILURE
- CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS

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

- SEPTICEMIA & DISSEMINATED INFECTIONS
- ALCOHOL ABUSE & DEPENDENCE

Table 3 — PAR by APR-DRG FFS Beneficiaries

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE % Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost % Change
		CY 2020	CY 2021		CY 2020	CY 2021	
0720	SEPTICEMIA & DISSEMINATED INFECTIONS	39	27	-31%	\$547,367	\$457,846	-16%
0133	RESPIRATORY FAILURE	4	19	375%	\$38,225	\$278,379	628%
0420	DIABETES	14	17	21%	\$122,455	\$220,007	80%
0194	HEART FAILURE	23	16	-30%	\$704,988	\$308,061	-56%
0662	SICKLE CELL ANEMIA CRISIS	13	16	23%	\$95,657	\$109,494	14%
0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	13	12	-8%	\$306,943	\$245,889	-20%
0192	CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS	5	12	140%	\$125,770	\$221,597	76%
0280	ALCOHOLIC LIVER DISEASE	11	12	9%	\$128,331	\$141,720	10%

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE % Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost % Change
		CY 2020	CY 2021		CY 2020	CY 2021	
0775	ALCOHOL ABUSE & DEPENDENCE	24	11	-54%	\$132,000	\$86,016	-35%
0710	INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE	9	10	11%	\$216,139	\$199,388	-8%
0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	20	9	-55%	\$221,235	\$86,396	-61%
0174	PERCUTANEOUS CARDIAC INTERVENTION W AMI	4	8	100%	\$58,030	\$181,881	213%
0245	INFLAMMATORY BOWEL DISEASE	3	7	133%	\$26,623	\$105,001	294%
0166	CORONARY BYPASS W/O AMI OR COMPLEX PDX	2	7	250%	\$17,296	\$72,468	319%

APR-DRG Number	APR-DRG Description	Number of PAEs	Number of PAEs	PAE % Change	Cost Associated With PAEs	Cost Associated With PAEs	Cost % Change
		CY 2020	CY 2021		CY 2020	CY 2021	
0279	HEPATIC COMA & OTHER MAJOR ACUTE LIVER DISORDERS	3	6	100%	\$29,654	\$137,693	364%
0463	KIDNEY & URINARY TRACT INFECTIONS	7	6	-14%	\$66,094	\$83,360	26%
0283	OTHER DISORDERS OF THE LIVER	9	6	-33%	\$94,586	\$70,314	-26%
0469	ACUTE KIDNEY INJURY	11	6	-45%	\$196,647	\$68,555	-65%
0134	PULMONARY EMBOLISM	2	6	200%	\$10,474	\$60,064	473%
0053	SEIZURE	3	6	100%	\$11,783	\$35,591	202%

PACs increased from 54 to 65 for FFS beneficiaries. This represents fairly consistent performance in CY 2021 as compared to CY 2020.

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 Five 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 2024. A template of the analysis that will be provided to each hospital is included as Appendices F and G. 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 2023 CHIP and Medical Assistance Quality Strategy⁴ 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.
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

⁴ [2023 CHIP and Medical Assistance Quality Strategy for Pennsylvania_Final](#)

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. The Department continues to encourage MA providers, including hospitals, to focus on identification and referral of 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. Through the Pennsylvania eHealth Partnership Program, the Department awarded nearly \$15.5 million in American Rescue Plan Act funding to four Pennsylvania Patient and Provider (P3N) Certified Health Information Organizations (HIOs) (Central Pennsylvania Connect HIE, ClinicalConnect HIE, HealthShare Exchange, and Keystone HIE) to jointly select and become interoperable with a single statewide resource and referral tool, creating a closed loop referral system in communities. Known as PA NAVIGATE, this resource and referral tool will be available in early 2024.
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. 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.

Beginning in CY 2022, the Department added an additional 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. Information on this HQIP can be found at <https://www.dhs.pa.gov/providers/Providers/Pages/Hospital-Assessment-Initiative-.aspx>.

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 fifth year of the analysis; therefore, both CY 2021 and CY 2020 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 2021 service dates are based on PH HealthChoices MCO encounter data and CHC-MCO encounter data submitted through January 6, 2023.
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).

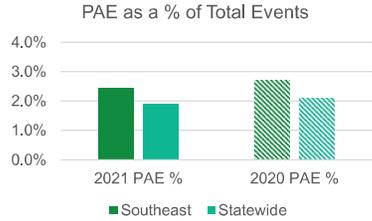
⁵APR-DRGs classify patients according to their reason of admission. Each APR-DRG is assigned a value weight for severity of illness and risk of mortality. The CMI is calculated by aggregating all assigned value weights and dividing by the number of admissions.

- 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.

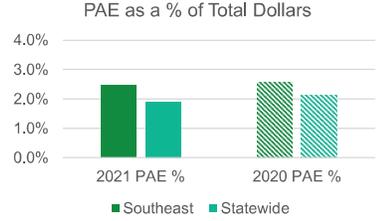
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southeast

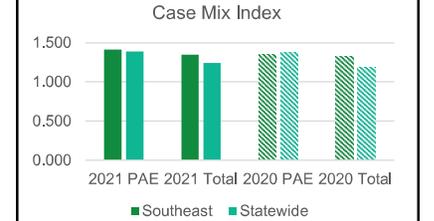
1. Total Events		
	Southeast	Statewide
PAE	2,412	5,035
Total	98,332	261,361
2021 PAE %	2.5%	1.9%
2020 PAE %	2.7%	2.1%



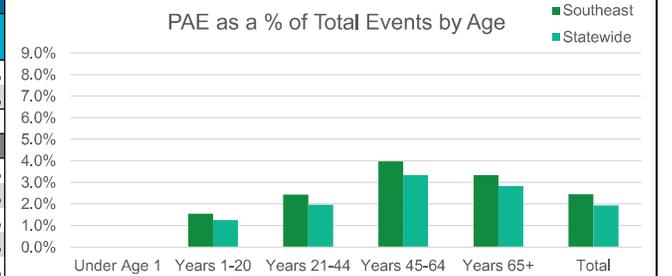
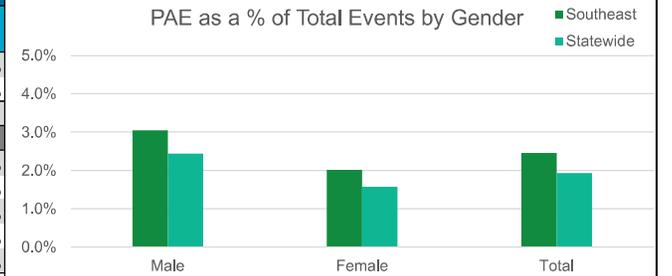
2. Total Dollars		
	Southeast	Statewide
PAE	\$ 32,238,383	\$ 57,725,412
Total	\$ 1,303,266,652	\$ 3,030,540,775
2021 PAE %	2.5%	1.9%
2020 PAE %	2.6%	2.1%



3. APR-DRG Case Mix Index		
	Southeast	Statewide
2021 PAE	1.413	1.389
2021 Total	1.345	1.241
2020 PAE	1.354	1.375
2020 Total	1.324	1.188



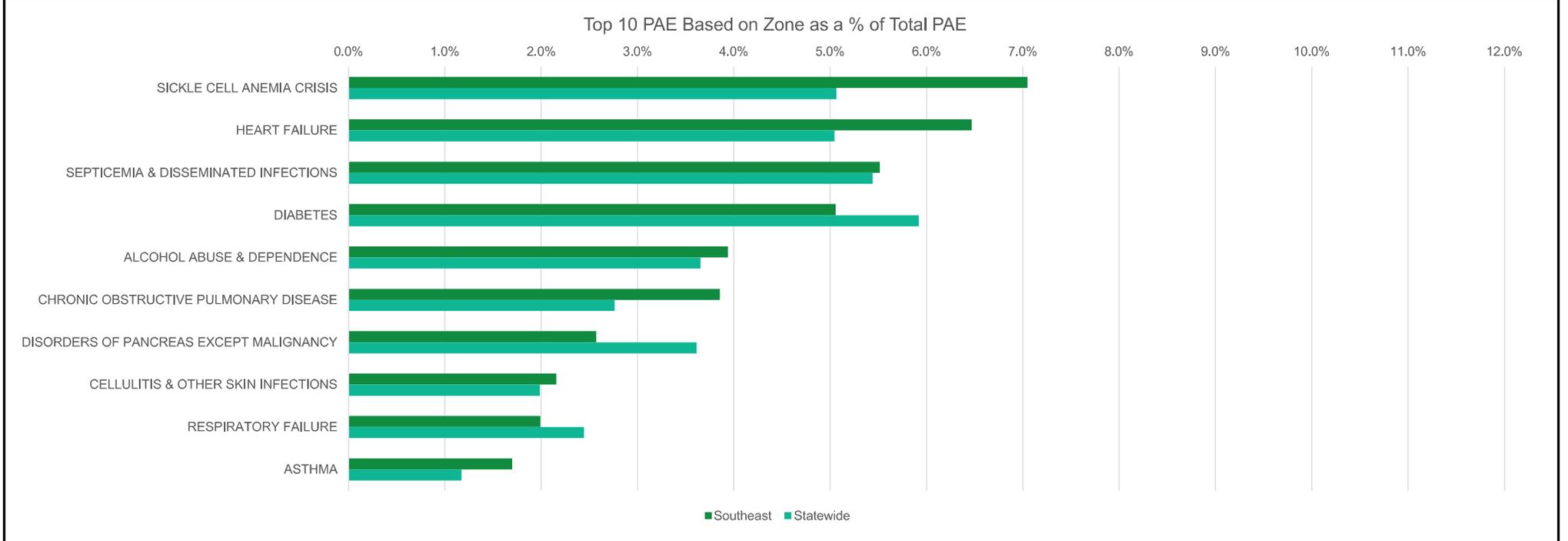
4. Events and Dollars by Age Band and Gender									
Southeast		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	41,841	1,276	3.0%	3.3%	\$ 665,954,848	\$ 16,618,210	2.5%	2.7%
All Ages	Female	56,491	1,136	2.0%	2.2%	\$ 637,311,805	\$ 15,620,173	2.5%	2.5%
Total		98,332	2,412	2.5%	2.7%	\$ 1,303,266,652	\$ 32,238,383	2.5%	2.6%
Under Age 1		16,508	-	0.0%	0.0%	\$ 193,227,763	\$ -	0.0%	0.0%
Years 1-20		9,722	150	1.5%	1.8%	\$ 159,840,129	\$ 2,928,854	1.8%	2.2%
Years 21-44		38,677	943	2.4%	2.5%	\$ 405,585,621	\$ 12,069,178	3.0%	2.8%
Years 45-64		31,836	1,266	4.0%	4.7%	\$ 520,302,487	\$ 16,475,214	3.2%	3.8%
Years 65+		1,589	53	3.3%	2.4%	\$ 24,310,652	\$ 765,136	3.1%	1.9%
Total		98,332	2,412	2.5%	2.7%	\$ 1,303,266,652	\$ 32,238,383	2.5%	2.6%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	105,923	2,586	2.4%	2.7%	\$ 1,504,597,633	\$ 29,215,275	1.9%	2.2%
All Ages	Female	155,438	2,449	1.6%	1.7%	\$ 1,525,943,142	\$ 28,510,137	1.9%	2.0%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%
Under Age 1		51,195	-	0.0%	0.0%	\$ 462,320,242	\$ -	0.0%	0.0%
Years 1-20		27,409	344	1.3%	1.6%	\$ 400,429,329	\$ 4,975,696	1.2%	1.7%
Years 21-44		100,634	1,969	2.0%	2.1%	\$ 922,842,548	\$ 20,943,221	2.3%	2.4%
Years 45-64		79,123	2,637	3.3%	3.8%	\$ 1,202,463,752	\$ 30,792,432	2.6%	3.0%
Years 65+		3,000	85	2.8%	2.3%	\$ 42,484,903	\$ 1,014,063	2.4%	1.7%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southeast

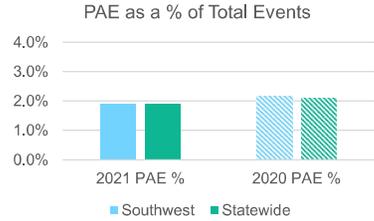
5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Southeast				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0662	SICKLE CELL ANEMIA CRISIS	170	\$ 1,395,102	7.0%	8.8%	255	\$ 1,948,330	5.1%	6.7%
2	0194	HEART FAILURE	156	\$ 3,259,715	6.5%	6.3%	254	\$ 4,078,325	5.0%	4.8%
3	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	133	\$ 2,163,925	5.5%	6.5%	274	\$ 4,121,256	5.4%	6.5%
4	0420	DIABETES	122	\$ 1,433,322	5.1%	5.8%	298	\$ 2,587,459	5.9%	6.7%
5	0775	ALCOHOL ABUSE & DEPENDENCE	95	\$ 567,108	3.9%	2.8%	184	\$ 873,808	3.7%	3.2%
6	0140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	93	\$ 905,161	3.9%	4.3%	139	\$ 1,234,892	2.8%	3.2%
7	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	62	\$ 441,201	2.6%	2.4%	182	\$ 1,176,168	3.6%	3.3%
8	0383	CELLULITIS & OTHER SKIN INFECTIONS	52	\$ 631,659	2.2%	1.3%	100	\$ 869,273	2.0%	1.5%
9	0133	RESPIRATORY FAILURE	48	\$ 768,164	2.0%	1.9%	123	\$ 1,808,705	2.4%	2.3%
10	0141	ASTHMA	41	\$ 285,480	1.7%	1.8%	59	\$ 535,352	1.2%	1.4%
		All Else	1,440	\$ 20,387,546	59.7%	58.1%	3,167	\$ 38,491,845	62.9%	60.4%
		Total	2,412	\$ 32,238,383	100.0%	100.0%	5,035	\$ 57,725,412	100.0%	100.0%



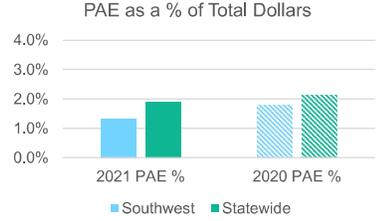
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southwest

1. Total Events		
	Southwest	Statewide
PAE	975	5,035
Total	51,532	261,361
2021 PAE %	1.9%	1.9%
2020 PAE %	2.2%	2.1%



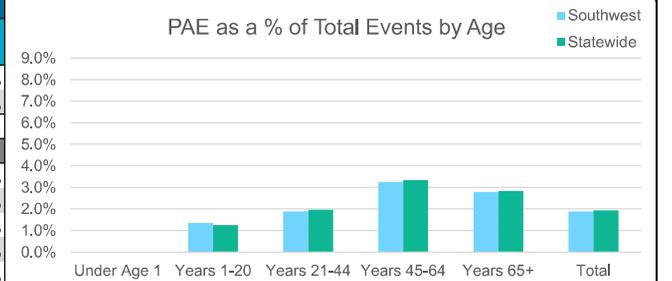
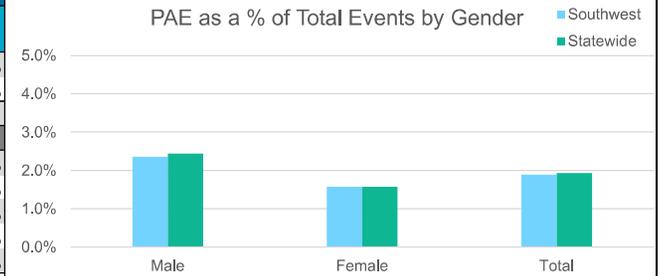
2. Total Dollars		
	Southwest	Statewide
PAE	\$ 7,863,326	\$ 57,725,412
Total	\$ 592,972,889	\$ 3,030,540,775
2021 PAE %	1.3%	1.9%
2020 PAE %	1.8%	2.1%



3. APR-DRG Case Mix Index		
	Southwest	Statewide
2021 PAE	1.399	1.389
2021 Total	1.280	1.241
2020 PAE	1.443	1.375
2020 Total	1.218	1.188



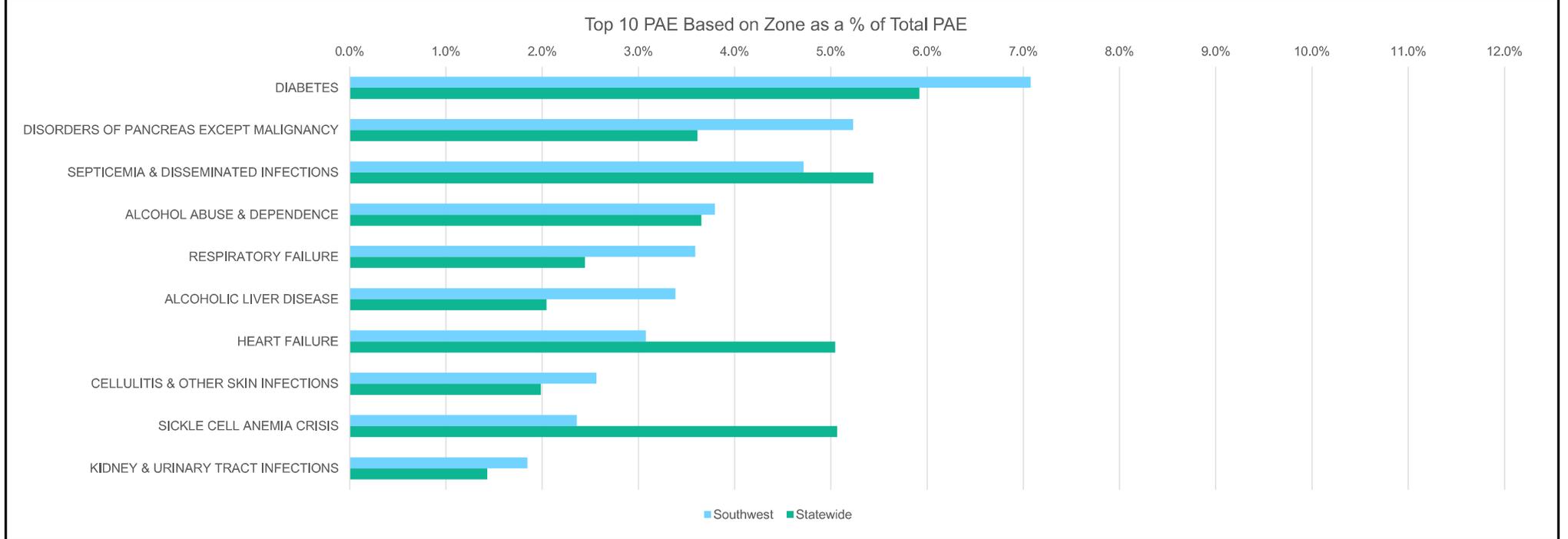
4. Events and Dollars by Age Band and Gender									
Southwest		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	21,045	496	2.4%	2.6%	\$ 288,959,755	\$ 4,096,362	1.4%	1.8%
All Ages	Female	30,487	479	1.6%	1.9%	\$ 304,013,134	\$ 3,766,964	1.2%	1.8%
Total		51,532	975	1.9%	2.2%	\$ 592,972,889	\$ 7,863,326	1.3%	1.8%
Under Age 1		9,901	-	0.0%	0.0%	\$ 94,509,977	\$ -	0.0%	0.0%
Years 1-20		6,399	87	1.4%	2.0%	\$ 88,223,653	\$ 1,002,377	1.1%	1.7%
Years 21-44		18,691	353	1.9%	2.1%	\$ 167,445,640	\$ 2,420,856	1.4%	2.0%
Years 45-64		16,218	526	3.2%	3.7%	\$ 239,086,442	\$ 4,371,479	1.8%	2.4%
Years 65+		323	9	2.8%	3.8%	\$ 3,707,177	\$ 68,614	1.9%	1.9%
Total		51,532	975	1.9%	2.2%	\$ 592,972,889	\$ 7,863,326	1.3%	1.8%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	105,923	2,586	2.4%	2.7%	\$ 1,504,597,633	\$ 29,215,275	1.9%	2.2%
All Ages	Female	155,438	2,449	1.6%	1.7%	\$ 1,525,943,142	\$ 28,510,137	1.9%	2.0%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%
Under Age 1		51,195	-	0.0%	0.0%	\$ 462,320,242	\$ -	0.0%	0.0%
Years 1-20		27,409	344	1.3%	1.6%	\$ 400,429,329	\$ 4,975,696	1.2%	1.7%
Years 21-44		100,634	1,969	2.0%	2.1%	\$ 922,842,548	\$ 20,943,221	2.3%	2.4%
Years 45-64		79,123	2,637	3.3%	3.8%	\$ 1,202,463,752	\$ 30,792,432	2.6%	3.0%
Years 65+		3,000	85	2.8%	2.3%	\$ 42,484,903	\$ 1,014,063	2.4%	1.7%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southwest

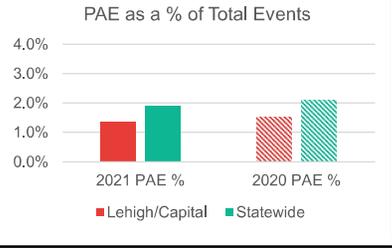
5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Southwest				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0420	DIABETES	69	\$ 370,409	7.1%	8.7%	298	\$ 2,587,459	5.9%	6.7%
2	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	51	\$ 319,825	5.2%	4.9%	182	\$ 1,176,168	3.6%	3.3%
3	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	46	\$ 548,672	4.7%	6.3%	274	\$ 4,121,256	5.4%	6.5%
4	0775	ALCOHOL ABUSE & DEPENDENCE	37	\$ 114,316	3.8%	3.4%	184	\$ 873,808	3.7%	3.2%
5	0133	RESPIRATORY FAILURE	35	\$ 344,815	3.6%	3.1%	123	\$ 1,808,705	2.4%	2.3%
6	0280	ALCOHOLIC LIVER DISEASE	33	\$ 222,922	3.4%	3.2%	103	\$ 947,038	2.0%	2.0%
7	0194	HEART FAILURE	30	\$ 167,590	3.1%	4.5%	254	\$ 4,078,325	5.0%	4.8%
8	0383	CELLULITIS & OTHER SKIN INFECTIONS	25	\$ 91,650	2.6%	1.5%	100	\$ 869,273	2.0%	1.5%
9	0662	SICKLE CELL ANEMIA CRISIS	23	\$ 81,276	2.4%	4.3%	255	\$ 1,948,330	5.1%	6.7%
10	0463	KIDNEY & URINARY TRACT INFECTIONS	18	\$ 119,397	1.8%	0.7%	72	\$ 944,153	1.4%	0.8%
		All Else	608	\$ 5,482,456	62.4%	59.6%	3,190	\$ 38,370,898	63.4%	62.2%
		Total	975	\$ 7,863,326	100.0%	100.0%	5,035	\$ 57,725,412	100.0%	100.0%



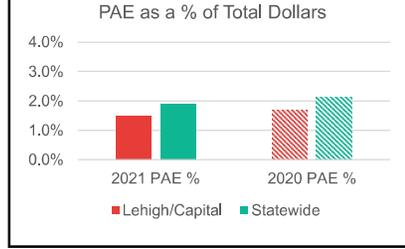
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Lehigh/Capital

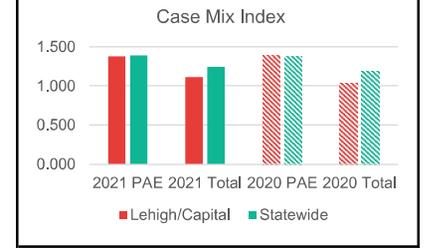
1. Total Events		
	Lehigh/Capital	Statewide
PAE	760	5,035
Total	54,776	261,361
2021 PAE %	1.4%	1.9%
2020 PAE %	1.5%	2.1%



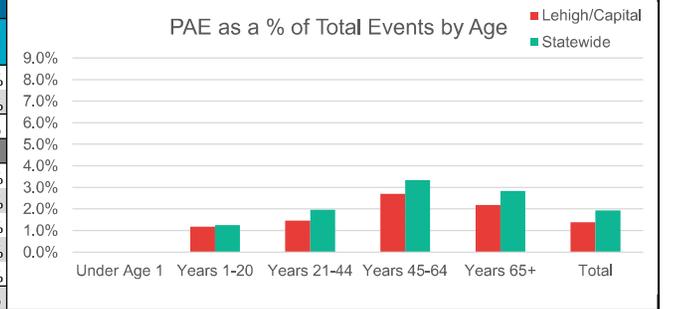
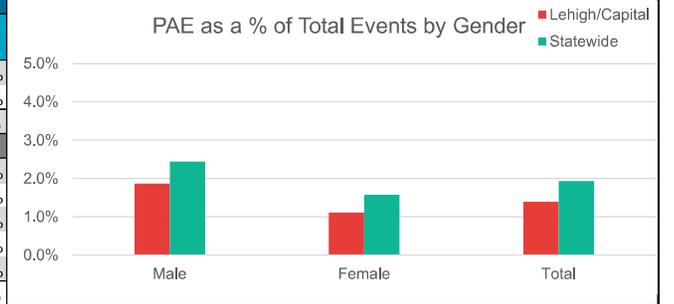
2. Total Dollars		
	Lehigh/Capital	Statewide
PAE	\$ 8,074,920	\$ 57,725,412
Total	\$ 538,513,871	\$ 3,030,540,775
2021 PAE %	1.5%	1.9%
2020 PAE %	1.7%	2.1%



3. APR-DRG Case Mix Index		
	Lehigh/Capital	Statewide
2021 PAE	1.375	1.389
2021 Total	1.111	1.241
2020 PAE	1.387	1.375
2020 Total	1.036	1.188



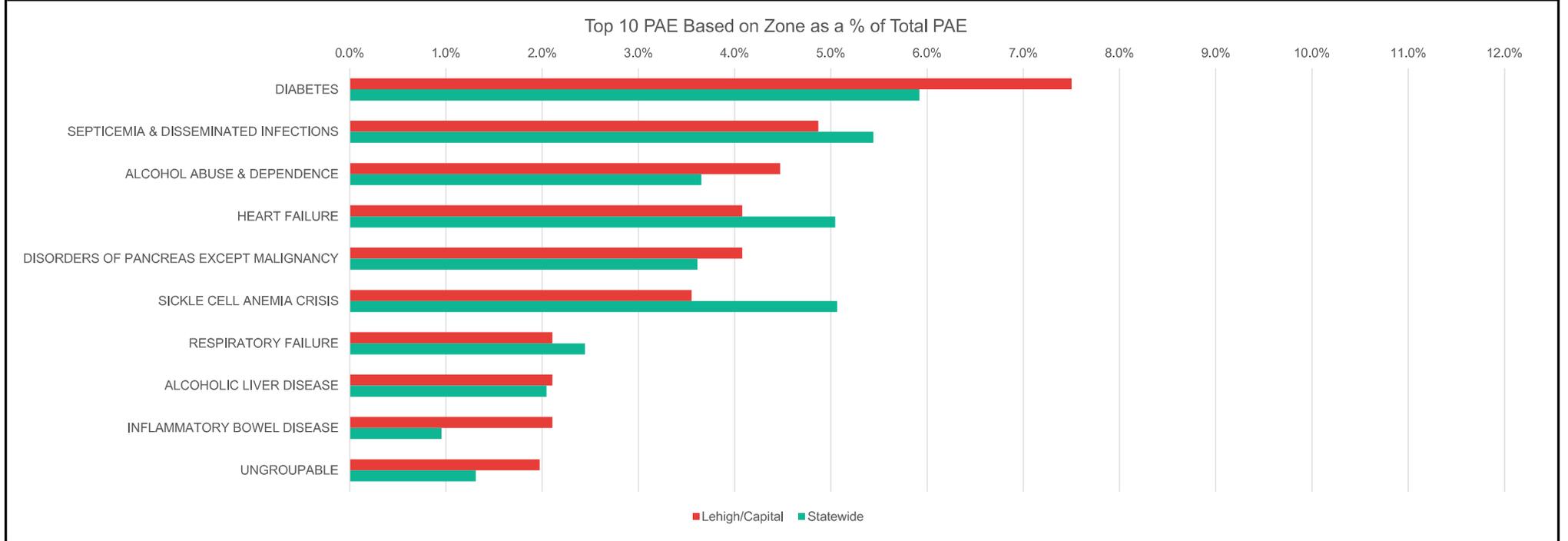
4. Events and Dollars by Age Band and Gender									
Lehigh/Capital		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	20,356	380	1.9%	2.0%	\$ 254,106,161	\$ 3,760,480	1.5%	1.9%
All Ages	Female	34,420	380	1.1%	1.2%	\$ 284,407,710	\$ 4,314,440	1.5%	1.5%
Total		54,776	760	1.4%	1.5%	\$ 538,513,871	\$ 8,074,920	1.5%	1.7%
Under Age 1		13,205	-	0.0%	0.0%	\$ 92,688,771	\$ -	0.0%	0.0%
Years 1-20		5,700	67	1.2%	1.2%	\$ 59,170,827	\$ 644,816	1.1%	1.5%
Years 21-44		22,002	321	1.5%	1.6%	\$ 177,588,934	\$ 3,197,887	1.8%	1.9%
Years 45-64		13,272	359	2.7%	3.2%	\$ 200,952,799	\$ 4,127,371	2.1%	2.4%
Years 65+		597	13	2.2%	1.7%	\$ 8,112,541	\$ 104,846	1.3%	1.5%
Total		54,776	760	1.4%	1.5%	\$ 538,513,871	\$ 8,074,920	1.5%	1.7%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	105,923	2,586	2.4%	2.7%	\$ 1,504,597,633	\$ 29,215,275	1.9%	2.2%
All Ages	Female	155,438	2,449	1.6%	1.7%	\$ 1,525,943,142	\$ 28,510,137	1.9%	2.0%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%
Under Age 1		51,195	-	0.0%	0.0%	\$ 462,320,242	\$ -	0.0%	0.0%
Years 1-20		27,409	344	1.3%	1.6%	\$ 400,429,329	\$ 4,975,696	1.2%	1.7%
Years 21-44		100,634	1,969	2.0%	2.1%	\$ 922,842,548	\$ 20,943,221	2.3%	2.4%
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Years 65+		3,000	85	2.8%	2.3%	\$ 42,484,903	\$ 1,014,063	2.4%	1.7%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Lehigh/Capital

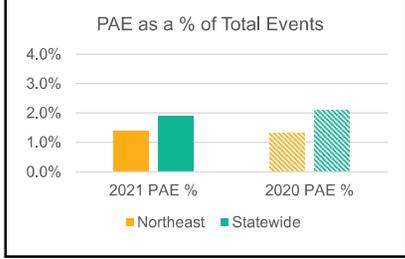
5. Events and Dollars by Top 10 APR-DRG										
Top 10 PAE by Zone			Lehigh/Capital				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0420	DIABETES	57	\$ 460,142	7.5%	7.4%	298	\$ 2,587,459	5.9%	6.7%
2	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	37	\$ 693,062	4.9%	7.7%	274	\$ 4,121,256	5.4%	6.5%
3	0775	ALCOHOL ABUSE & DEPENDENCE	34	\$ 122,323	4.5%	3.8%	184	\$ 873,808	3.7%	3.2%
4	0194	HEART FAILURE	31	\$ 303,749	4.1%	2.8%	254	\$ 4,078,325	5.0%	4.8%
5	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	31	\$ 229,389	4.1%	3.4%	182	\$ 1,176,168	3.6%	3.3%
6	0662	SICKLE CELL ANEMIA CRISIS	27	\$ 265,899	3.6%	6.5%	255	\$ 1,948,330	5.1%	6.7%
7	0133	RESPIRATORY FAILURE	16	\$ 293,801	2.1%	2.2%	123	\$ 1,808,705	2.4%	2.3%
8	0280	ALCOHOLIC LIVER DISEASE	16	\$ 166,245	2.1%	2.3%	103	\$ 947,038	2.0%	2.0%
9	0245	INFLAMMATORY BOWEL DISEASE	16	\$ 112,919	2.1%	1.3%	48	\$ 456,656	1.0%	0.9%
10	0956	UNGROUPABLE	15	\$ 164,349	2.0%	0.3%	66	\$ 679,310	1.3%	0.2%
All Else			480	\$ 5,263,043	63.2%	62.4%	3,248	\$ 39,048,357	64.5%	63.4%
Total			760	\$ 8,074,920	100.0%	100.0%	5,035	\$ 57,725,412	100.0%	100.0%



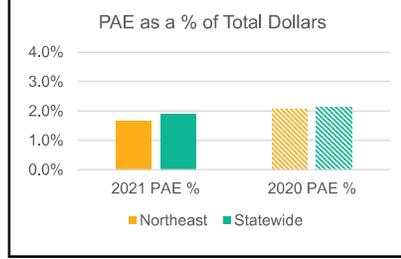
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northeast

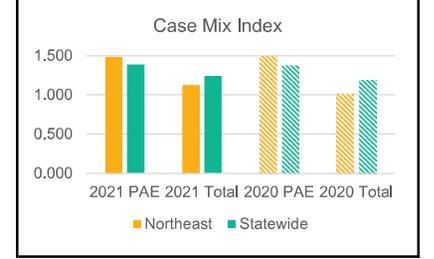
1. Total Events		
	Northeast	Statewide
PAE	416	5,035
Total	29,799	261,361
2021 PAE %	1.4%	1.9%
2020 PAE %	1.3%	2.1%



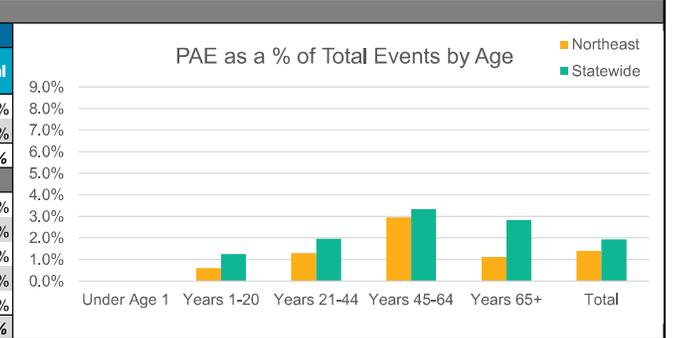
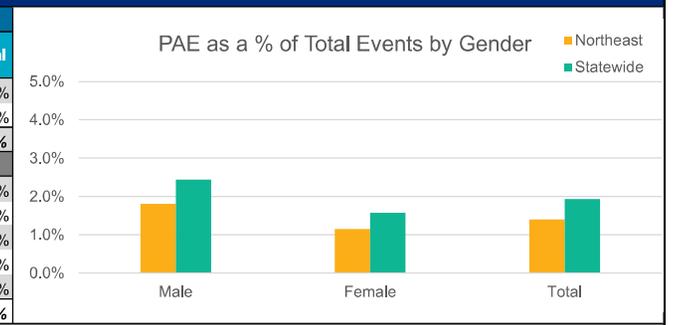
2. Total Dollars		
	Northeast	Statewide
PAE	\$ 4,313,579	\$ 57,725,412
Total	\$ 258,822,729	\$ 3,030,540,775
2021 PAE %	1.7%	1.9%
2020 PAE %	2.1%	2.1%



3. APR-DRG Case Mix Index		
	Northeast	Statewide
2021 PAE	1.488	1.389
2021 Total	1.129	1.241
2020 PAE	1.494	1.375
2020 Total	1.010	1.188



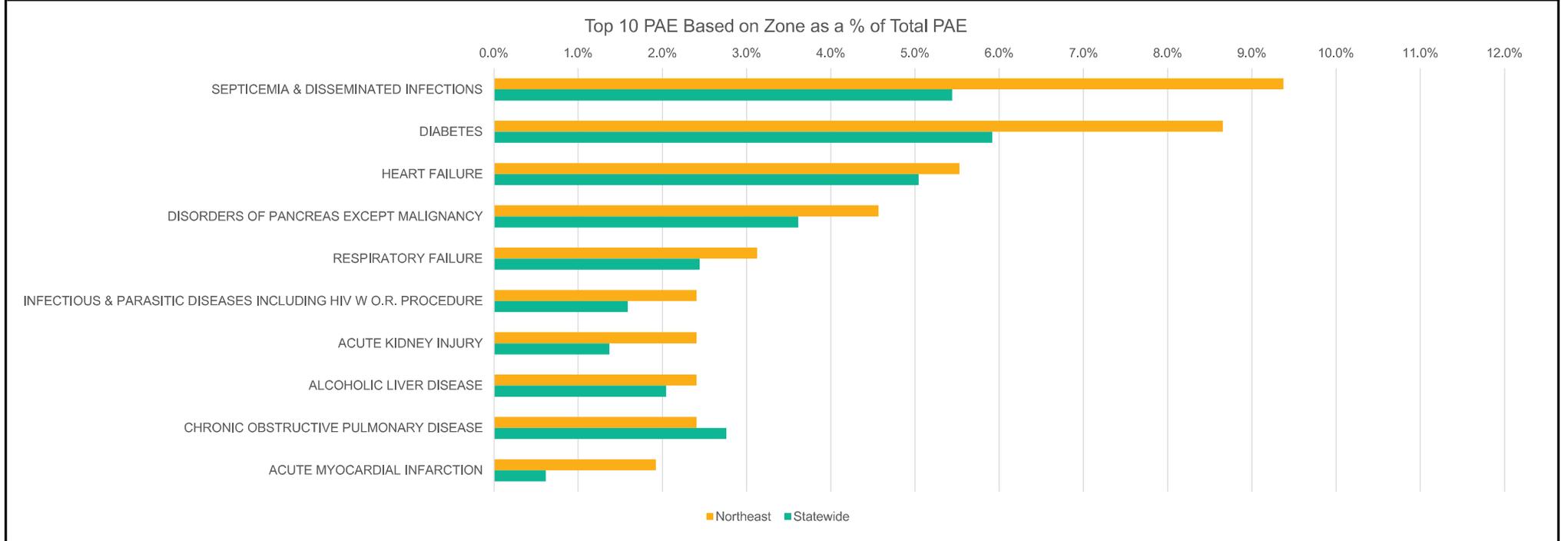
4. Events and Dollars by Age Band and Gender									
Northeast		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	11,234	203	1.8%	1.7%	\$ 117,651,514	\$ 2,179,108	1.9%	2.1%
All Ages	Female	18,565	213	1.1%	1.2%	\$ 141,171,215	\$ 2,134,471	1.5%	2.0%
Total		29,799	416	1.4%	1.3%	\$ 258,822,729	\$ 4,313,579	1.7%	2.1%
Under Age 1		6,850	-	0.0%	0.0%	\$ 35,640,722	\$ -	0.0%	0.0%
Years 1-20		2,818	17	0.6%	1.4%	\$ 25,209,209	\$ 109,000	0.4%	2.1%
Years 21-44		11,543	149	1.3%	1.2%	\$ 85,489,380	\$ 1,172,608	1.4%	2.2%
Years 45-64		8,410	248	2.9%	2.7%	\$ 110,479,244	\$ 3,023,168	2.7%	2.6%
Years 65+		178	2	1.1%	1.8%	\$ 2,004,173	\$ 8,803	0.4%	2.3%
Total		29,799	416	1.4%	1.3%	\$ 258,822,729	\$ 4,313,579	1.7%	2.1%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	105,923	2,586	2.4%	2.7%	\$ 1,504,597,633	\$ 29,215,275	1.9%	2.2%
All Ages	Female	155,438	2,449	1.6%	1.7%	\$ 1,525,943,142	\$ 28,510,137	1.9%	2.0%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%
Under Age 1		51,195	-	0.0%	0.0%	\$ 462,320,242	\$ -	0.0%	0.0%
Years 1-20		27,409	344	1.3%	1.6%	\$ 400,429,329	\$ 4,975,696	1.2%	1.7%
Years 21-44		100,634	1,969	2.0%	2.1%	\$ 922,842,548	\$ 20,943,221	2.3%	2.4%
Years 45-64		79,123	2,637	3.3%	3.8%	\$ 1,202,463,752	\$ 30,792,432	2.6%	3.0%
Years 65+		3,000	85	2.8%	2.3%	\$ 42,484,903	\$ 1,014,063	2.4%	1.7%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northeast

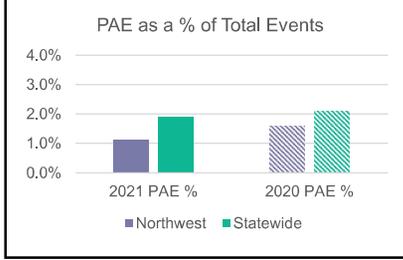
Top 10 PAE by Zone			Northeast				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	39	\$ 388,270	9.4%	6.3%	274	\$ 4,121,256	5.4%	6.5%
2	0420	DIABETES	36	\$ 229,889	8.7%	7.2%	298	\$ 2,587,459	5.9%	6.7%
3	0194	HEART FAILURE	23	\$ 239,978	5.5%	3.0%	254	\$ 4,078,325	5.0%	4.8%
4	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	19	\$ 121,841	4.6%	6.1%	182	\$ 1,176,168	3.6%	3.3%
5	0133	RESPIRATORY FAILURE	13	\$ 213,178	3.1%	4.4%	123	\$ 1,808,705	2.4%	2.3%
6	0710	INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE	10	\$ 146,772	2.4%	1.4%	80	\$ 1,204,615	1.6%	1.5%
7	0469	ACUTE KIDNEY INJURY	10	\$ 92,467	2.4%	2.2%	69	\$ 742,732	1.4%	1.5%
8	0280	ALCOHOLIC LIVER DISEASE	10	\$ 90,719	2.4%	1.4%	103	\$ 947,038	2.0%	2.0%
9	0140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	10	\$ 52,692	2.4%	1.9%	139	\$ 1,234,892	2.8%	3.2%
10	0190	ACUTE MYOCARDIAL INFARCTION	8	\$ 117,673	1.9%	0.6%	31	\$ 587,381	0.6%	0.7%
		All Else	238	\$ 2,620,099	57.2%	65.6%	3,482	\$ 39,236,841	69.2%	67.4%
		Total	416	\$ 4,313,579	100.0%	100.0%	5,035	\$ 57,725,412	100.0%	100.0%



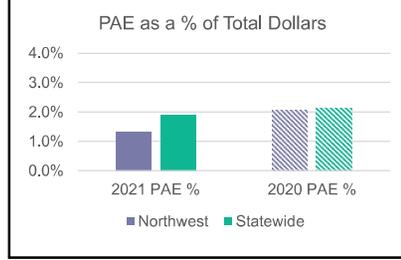
Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northwest

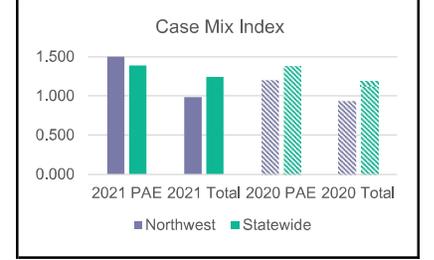
1. Total Events		
	Northwest	Statewide
PAE	138	5,035
Total	12,253	261,361
2021 PAE %	1.1%	1.9%
2020 PAE %	1.6%	2.1%



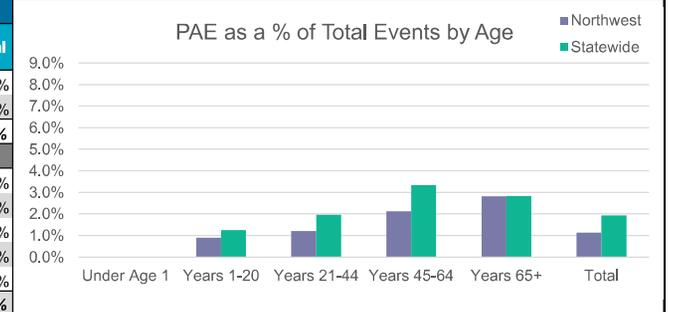
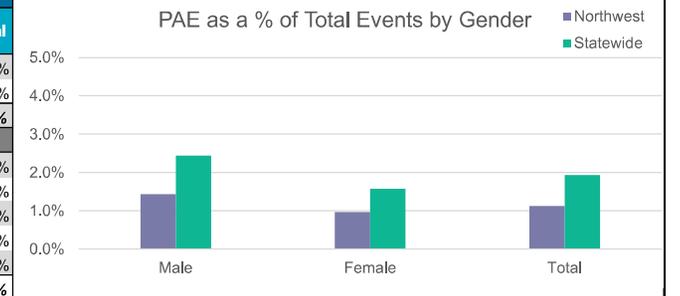
2. Total Dollars		
	Northwest	Statewide
PAE	\$ 1,204,572	\$ 57,725,412
Total	\$ 90,637,012	\$ 3,030,540,775
2021 PAE %	1.3%	1.9%
2020 PAE %	2.1%	2.1%



3. APR-DRG Case Mix Index		
	Northwest	Statewide
2021 PAE	1.523	1.389
2021 Total	0.986	1.241
2020 PAE	1.197	1.375
2020 Total	0.939	1.188



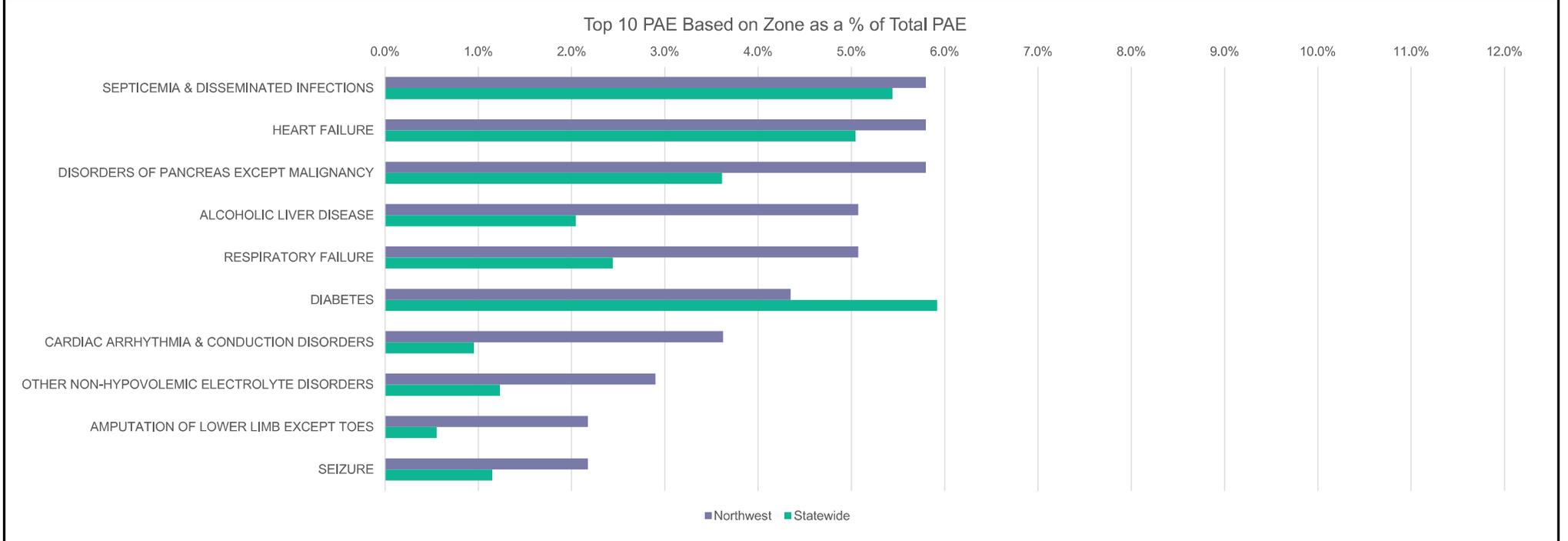
4. Events and Dollars by Age Band and Gender									
Northwest		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	4,342	62	1.4%	2.2%	\$ 38,869,043	\$ 600,890	1.5%	2.4%
All Ages	Female	7,911	76	1.0%	1.3%	\$ 51,767,969	\$ 603,682	1.2%	1.8%
Total		12,253	138	1.1%	1.6%	\$ 90,637,012	\$ 1,204,572	1.3%	2.1%
Under Age 1		3,269	-	0.0%	0.0%	\$ 11,413,349	\$ -	0.0%	0.0%
Years 1-20		780	7	0.9%	1.2%	\$ 3,418,255	\$ 35,898	1.1%	1.1%
Years 21-44		4,730	57	1.2%	1.6%	\$ 30,717,960	\$ 380,883	1.2%	3.1%
Years 45-64		3,403	72	2.1%	3.5%	\$ 44,278,461	\$ 757,967	1.7%	2.1%
Years 65+		71	2	2.8%	1.4%	\$ 808,988	\$ 29,823	3.7%	0.9%
Total		12,253	138	1.1%	1.6%	\$ 90,637,012	\$ 1,204,572	1.3%	2.1%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	105,923	2,586	2.4%	2.7%	\$ 1,504,597,633	\$ 29,215,275	1.9%	2.2%
All Ages	Female	155,438	2,449	1.6%	1.7%	\$ 1,525,943,142	\$ 28,510,137	1.9%	2.0%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%
Under Age 1		51,195	-	0.0%	0.0%	\$ 462,320,242	\$ -	0.0%	0.0%
Years 1-20		27,409	344	1.3%	1.6%	\$ 400,429,329	\$ 4,975,696	1.2%	1.7%
Years 21-44		100,634	1,969	2.0%	2.1%	\$ 922,842,548	\$ 20,943,221	2.3%	2.4%
Years 45-64		79,123	2,637	3.3%	3.8%	\$ 1,202,463,752	\$ 30,792,432	2.6%	3.0%
Years 65+		3,000	85	2.8%	2.3%	\$ 42,484,903	\$ 1,014,063	2.4%	1.7%
Total		261,361	5,035	1.9%	2.1%	\$ 3,030,540,775	\$ 57,725,412	1.9%	2.1%



Appendix A

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northwest

Top 10 PAE by Zone			Northwest				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	8	\$ 109,582	5.8%	5.3%	274	\$ 4,121,256	5.4%	6.5%
2	0194	HEART FAILURE	8	\$ 61,269	5.8%	1.1%	254	\$ 4,078,325	5.0%	4.8%
3	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	8	\$ 24,932	5.8%	2.7%	182	\$ 1,176,168	3.6%	3.3%
4	0280	ALCOHOLIC LIVER DISEASE	7	\$ 100,346	5.1%	3.7%	103	\$ 947,038	2.0%	2.0%
5	0133	RESPIRATORY FAILURE	7	\$ 88,500	5.1%	2.7%	123	\$ 1,808,705	2.4%	2.3%
6	0420	DIABETES	6	\$ 45,655	4.3%	8.0%	298	\$ 2,587,459	5.9%	6.7%
7	0201	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS	5	\$ 47,177	3.6%	1.1%	48	\$ 495,305	1.0%	0.7%
8	0425	OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS	4	\$ 25,002	2.9%	1.1%	62	\$ 615,216	1.2%	1.8%
9	0305	AMPUTATION OF LOWER LIMB EXCEPT TOES	3	\$ 53,638	2.2%	1.1%	28	\$ 342,386	0.6%	0.5%
10	0053	SEIZURE	3	\$ 29,304	2.2%	0.0%	58	\$ 644,227	1.2%	1.0%
		All Else	79	\$ 619,167	57.2%	73.4%	3,605	\$ 40,909,327	71.6%	70.3%
		Total	138	\$ 1,204,572	100.0%	100.0%	5,035	\$ 57,725,412	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 fifth year of the analysis; therefore, both CY 2021 and CY 2020 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.

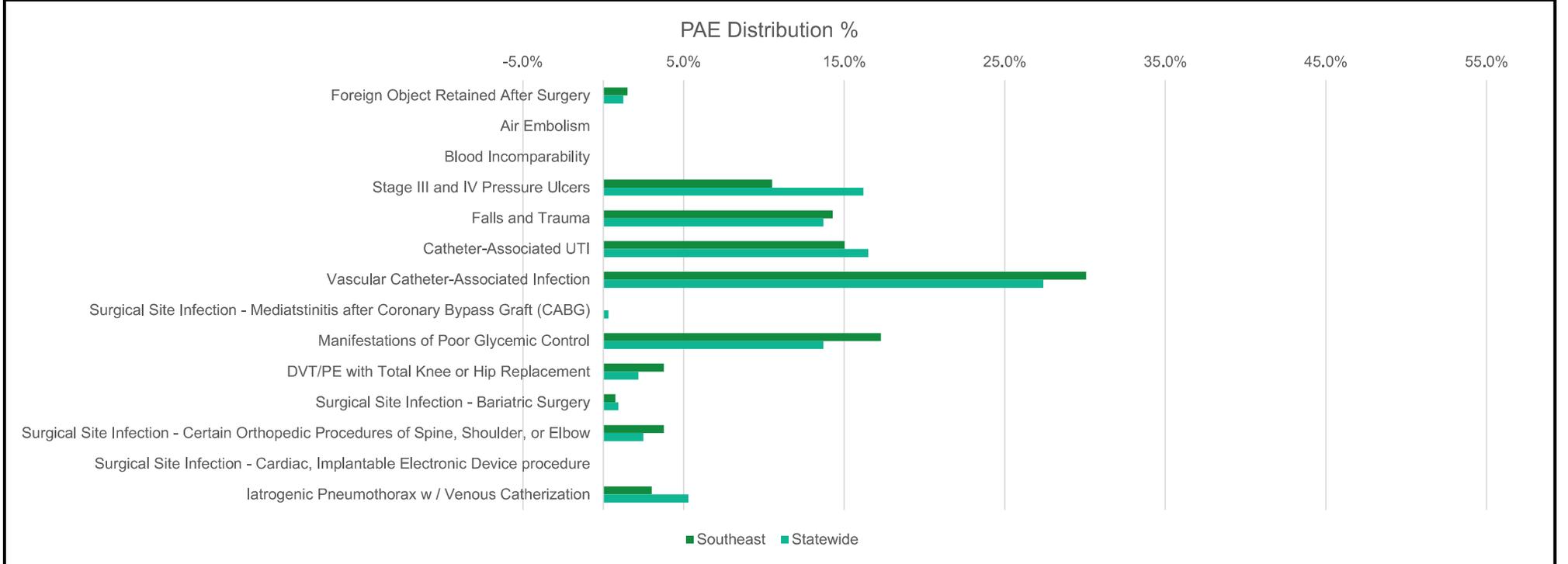
Additional Notes Regarding Data

1. Admissions and Dollars for CY 2021 service dates are based on PH HealthChoices MCO encounter data and CHC-MCO encounter data submitted through January 6, 2023.
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) 2021.
 - 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, 2021 - December 31, 2021
Zone:	Southeast

1. Events by Potentially Avoidable Complication		Southeast			Statewide		
PAC #	PAC Description	PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	2	1.5%	1.8%	4	1.2%	2.4%
2	Air Embolism	-	0.0%	0.9%	-	0.0%	0.3%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	14	10.5%	13.3%	52	16.2%	18.0%
5	Falls and Trauma	19	14.3%	13.3%	44	13.7%	15.6%
6	Catheter-Associated UTI	20	15.0%	19.5%	53	16.5%	20.4%
7	Vascular Catheter-Associated Infection	40	30.1%	30.1%	88	27.4%	23.9%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	1	0.3%	0.0%
9	Manifestations of Poor Glycemic Control	23	17.3%	4.4%	44	13.7%	6.2%
10	DVT/PE with Total Knee or Hip Replacement	5	3.8%	2.7%	7	2.2%	4.2%
11	Surgical Site Infection - Bariatric Surgery	1	0.8%	0.9%	3	0.9%	1.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	5	3.8%	2.7%	8	2.5%	1.4%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	2.7%	-	0.0%	1.4%
14	Iatrogenic Pneumothorax w / Venous Catherization	4	3.0%	8.0%	17	5.3%	5.2%
Total		133	100.0%	100.0%	321	100.0%	100.0%

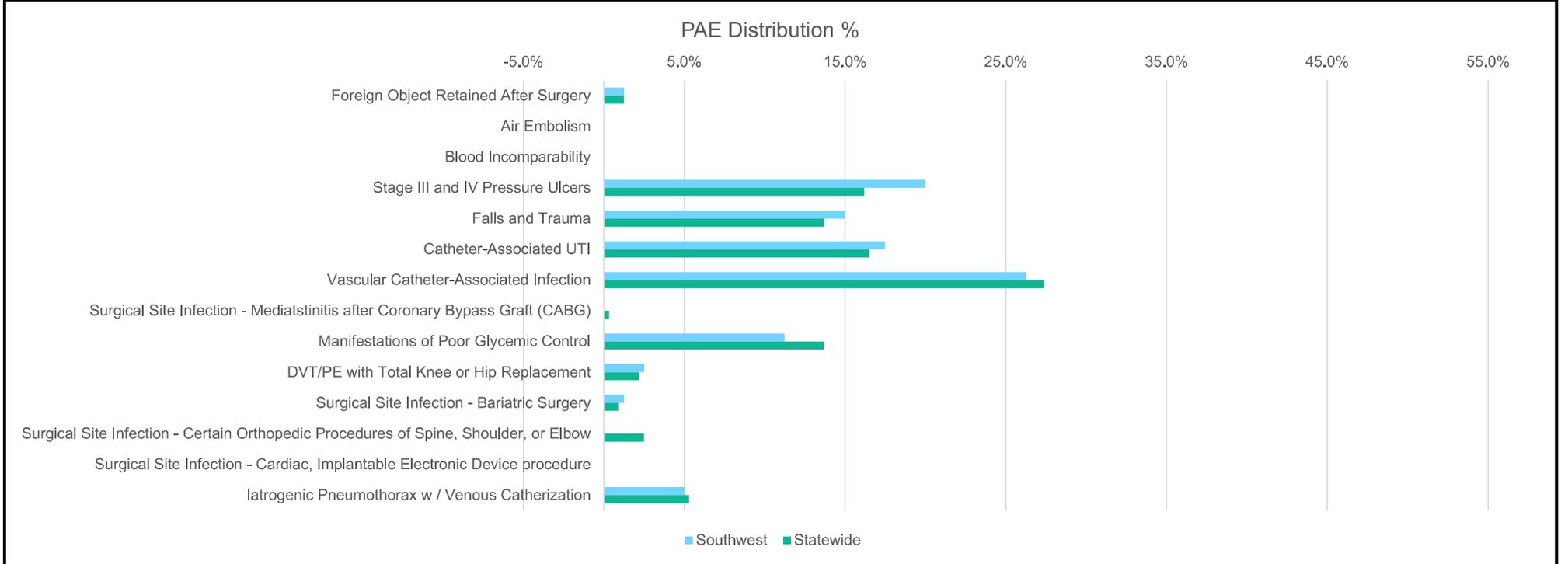


Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southwest

1. Events by Potentially Avoidable Complication

PAC #	PAC Description	Southwest			Statewide		
		PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	1	1.3%	1.5%	4	1.2%	2.4%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.3%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	16	20.0%	16.7%	52	16.2%	18.0%
5	Falls and Trauma	12	15.0%	15.2%	44	13.7%	15.6%
6	Catheter-Associated UTI	14	17.5%	24.2%	53	16.5%	20.4%
7	Vascular Catheter-Associated Infection	21	26.3%	22.7%	88	27.4%	23.9%
8	Surgical Site Infection - Mediatstinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	1	0.3%	0.0%
9	Manifestations of Poor Glycemic Control	9	11.3%	9.1%	44	13.7%	6.2%
10	DVT/PE with Total Knee or Hip Replacement	2	2.5%	6.1%	7	2.2%	4.2%
11	Surgical Site Infection - Bariatric Surgery	1	1.3%	0.0%	3	0.9%	1.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	1.5%	8	2.5%	1.4%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	1.5%	-	0.0%	1.4%
14	Iatrogenic Pneumothorax w / Venous Catherization	4	5.0%	1.5%	17	5.3%	5.2%
Total		80	100.0%	100.0%	321	100.0%	100.0%

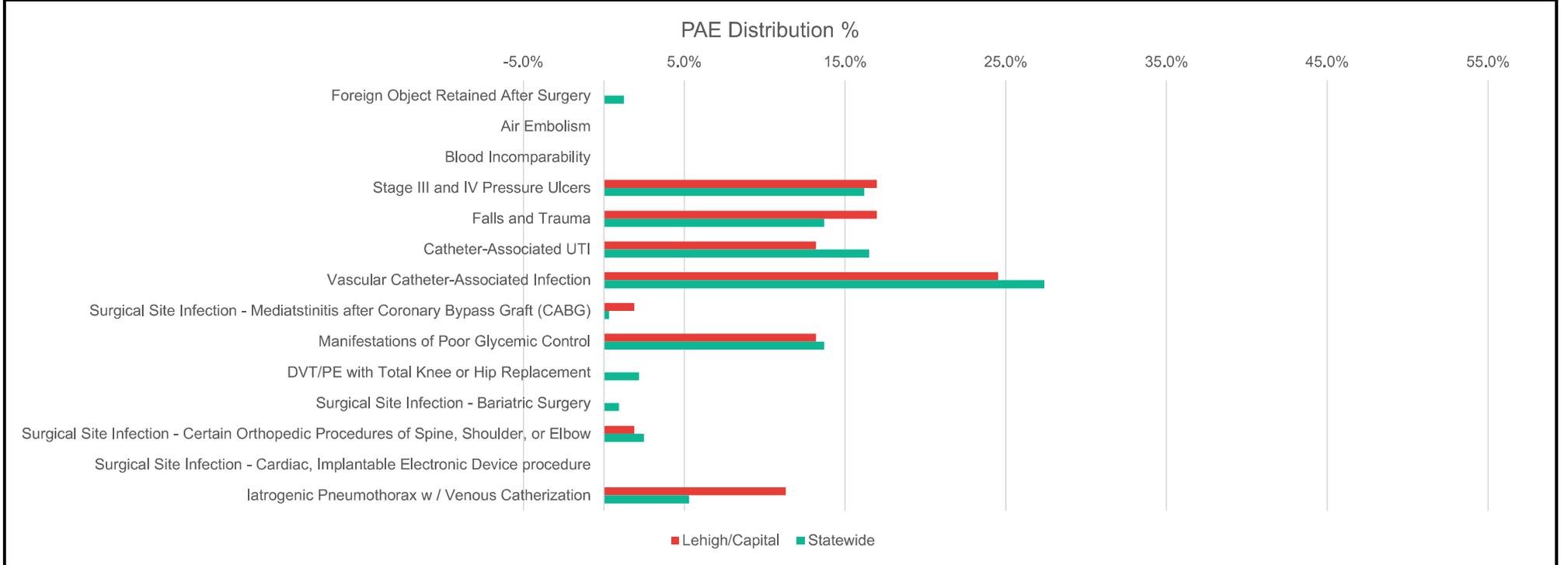


Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Lehigh/Capital

1. Events by Potentially Avoidable Complication

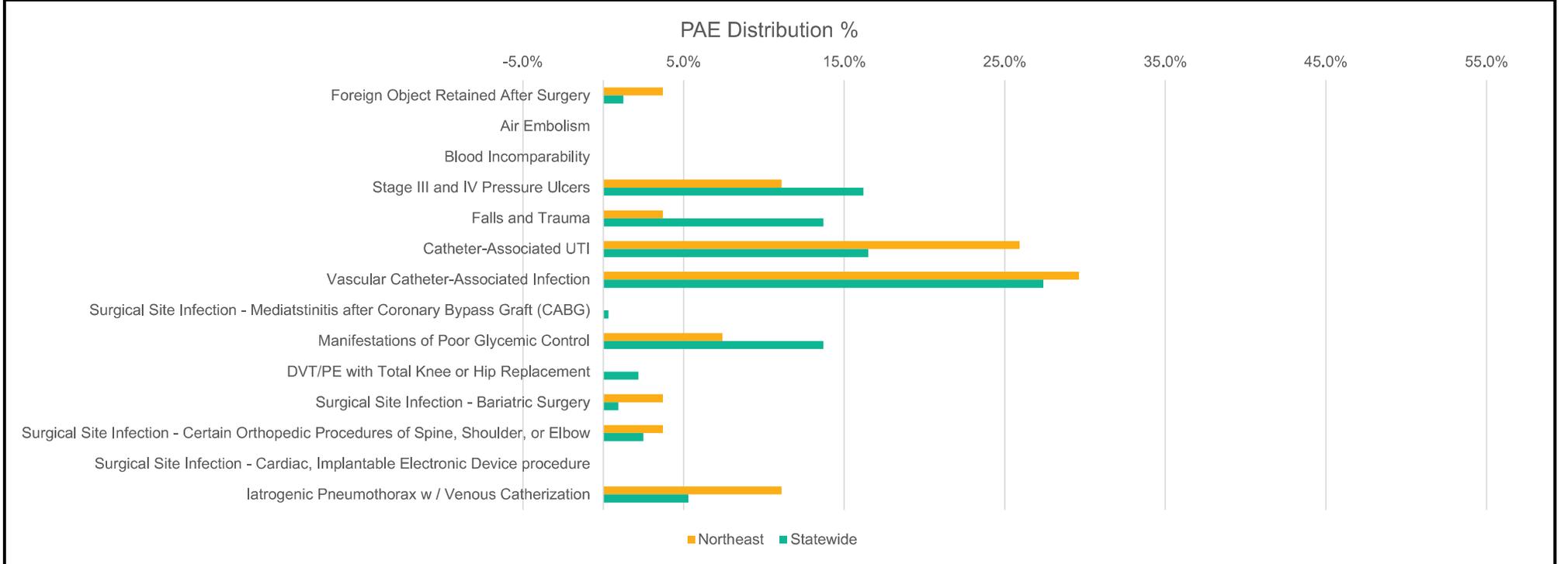
PAC #	PAC Description	Lehigh/Capital			Statewide		
		PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	6.8%	4	1.2%	2.4%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.3%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	9	17.0%	29.5%	52	16.2%	18.0%
5	Falls and Trauma	9	17.0%	11.4%	44	13.7%	15.6%
6	Catheter-Associated UTI	7	13.2%	22.7%	53	16.5%	20.4%
7	Vascular Catheter-Associated Infection	13	24.5%	11.4%	88	27.4%	23.9%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	1	1.9%	0.0%	1	0.3%	0.0%
9	Manifestations of Poor Glycemic Control	7	13.2%	9.1%	44	13.7%	6.2%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	2.3%	7	2.2%	4.2%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	2.3%	3	0.9%	1.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	1	1.9%	0.0%	8	2.5%	1.4%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	1.4%
14	Iatrogenic Pneumothorax w / Venous Catherization	6	11.3%	4.5%	17	5.3%	5.2%
Total		53	100.0%	100.0%	321	100.0%	100.0%



Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northeast

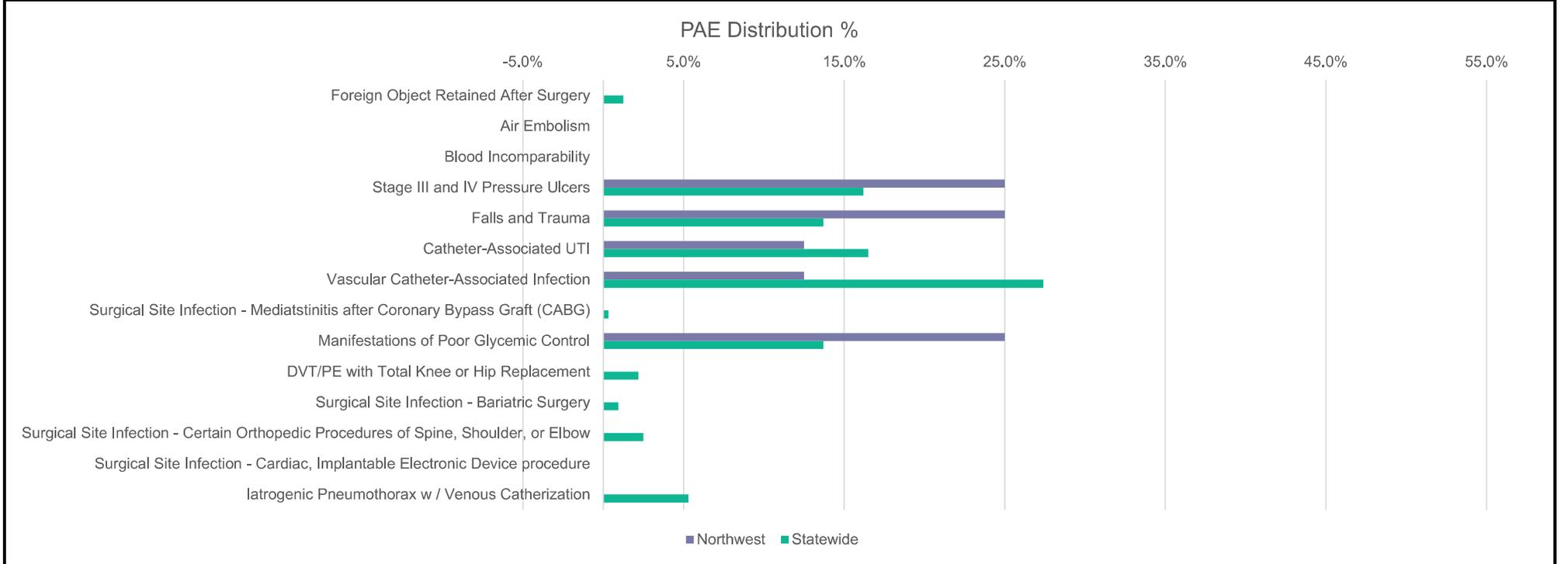
1. Events by Potentially Avoidable Complication		Northeast			Statewide		
PAC #	PAC Description	PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	1	3.7%	3.6%	4	1.2%	2.4%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.3%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	3	11.1%	3.6%	52	16.2%	18.0%
5	Falls and Trauma	1	3.7%	28.6%	44	13.7%	15.6%
6	Catheter-Associated UTI	7	25.9%	17.9%	53	16.5%	20.4%
7	Vascular Catheter-Associated Infection	8	29.6%	21.4%	88	27.4%	23.9%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	1	0.3%	0.0%
9	Manifestations of Poor Glycemic Control	2	7.4%	3.6%	44	13.7%	6.2%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	7.1%	7	2.2%	4.2%
11	Surgical Site Infection - Bariatric Surgery	1	3.7%	3.6%	3	0.9%	1.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	1	3.7%	0.0%	8	2.5%	1.4%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	1.4%
14	Iatrogenic Pneumothorax w / Venous Catherization	3	11.1%	10.7%	17	5.3%	5.2%
Total		27	100.0%	100.0%	321	100.0%	100.0%



Appendix B

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northwest

1. Events by Potentially Avoidable Complication		Northwest			Statewide		
PAC #	PAC Description	PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	4	1.2%	2.4%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.3%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	2	25.0%	7.7%	52	16.2%	18.0%
5	Falls and Trauma	2	25.0%	30.8%	44	13.7%	15.6%
6	Catheter-Associated UTI	1	12.5%	23.1%	53	16.5%	20.4%
7	Vascular Catheter-Associated Infection	1	12.5%	23.1%	88	27.4%	23.9%
8	Surgical Site Infection - Mediatstinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	1	0.3%	0.0%
9	Manifestations of Poor Glycemic Control	2	25.0%	0.0%	44	13.7%	6.2%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	15.4%	7	2.2%	4.2%
11	Surgical Site Infection - Bariatric Surgery	-	0.0%	0.0%	3	0.9%	1.0%
12	Surgical Site Infection - Certain Orthopedic Procedures of Spine, Shoulder, or Elbow	-	0.0%	0.0%	8	2.5%	1.4%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	1.4%
14	Iatrogenic Pneumothorax w / Venous Catherization	-	0.0%	0.0%	17	5.3%	5.2%
Total		8	100.0%	100.0%	321	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 fifth year of the analysis; therefore, both CY 2021 and CY 2020 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

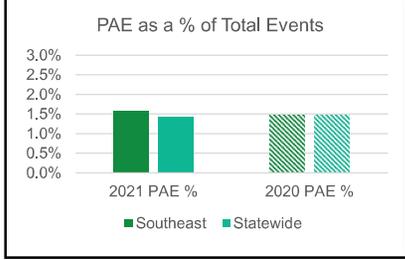
1. Admissions and Dollars for CY 2021 service dates are based on FFS claims data submitted through January 7, 2022.
2. Inpatient is defined as acute inpatient hospital admissions.
3. APR-DRGs are assigned by PROMISe system and represent APR-DRG version 37. CMI reflects the average APR-DRG relative value 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.
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.

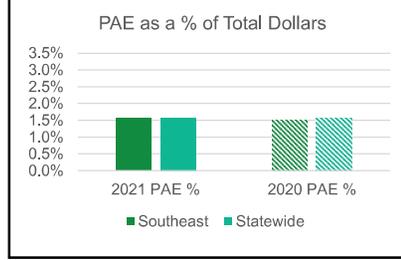
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southeast

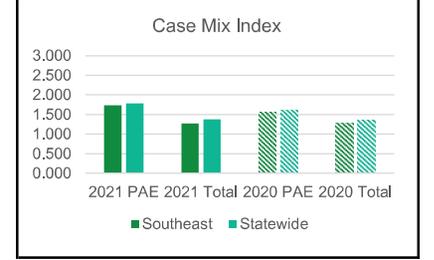
1. Total Events		
	Southeast	Statewide
PAE	202	402
Total	12,721	28,185
2021 PAE %	1.6%	1.4%
2020 PAE %	1.5%	1.5%



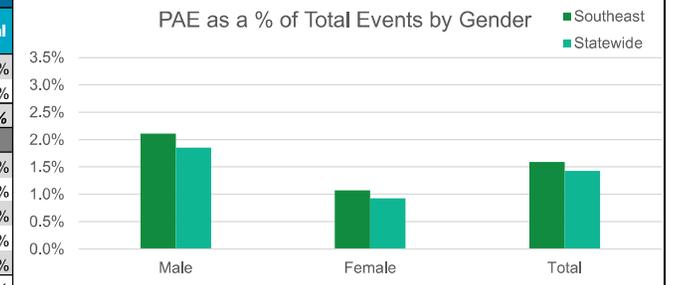
2. Total Dollars		
	Southeast	Statewide
PAE	\$ 2,615,064	\$ 5,869,605
Total	\$ 167,786,584	\$ 371,015,028
2021 PAE %	1.6%	1.6%
2020 PAE %	1.5%	1.6%



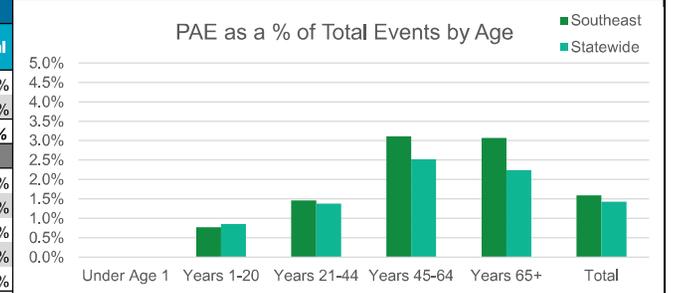
3. APR-DRG Case Mix Index		
	Southeast	Statewide
2021 PAE	1.730	1.784
2021 Total	1.265	1.373
2020 PAE	1.573	1.626
2020 Total	1.287	1.363



4. Events and Dollars by Age Band and Gender									
Southeast		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	6,361	134	2.1%	1.9%	\$ 105,555,808	\$ 1,759,339	1.7%	1.6%
All Ages	Female	6,360	68	1.1%	1.1%	\$ 62,230,776	\$ 855,725	1.4%	1.3%
Total		12,721	202	1.6%	1.5%	\$ 167,786,584	\$ 2,615,064	1.6%	1.5%
Under Age 1		3,098	-	0.0%	0.0%	\$ 29,794,629	\$ -	0.0%	0.0%
Years 1-20		523	4	0.8%	1.5%	\$ 6,227,056	\$ 107,610	1.7%	3.6%
Years 21-44		5,136	75	1.5%	1.6%	\$ 60,820,363	\$ 865,267	1.4%	1.8%
Years 45-64		3,183	99	3.1%	2.4%	\$ 55,486,417	\$ 1,198,447	2.2%	1.7%
Years 65+		781	24	3.1%	1.8%	\$ 15,458,120	\$ 443,740	2.9%	1.5%
Total		12,721	202	1.6%	1.5%	\$ 167,786,584	\$ 2,615,064	1.6%	1.5%



Statewide									
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	15,206	282	1.9%	1.7%	\$ 247,653,351	\$ 4,189,888	1.7%	1.5%
All Ages	Female	12,979	120	0.9%	1.2%	\$ 123,361,678	\$ 1,679,717	1.4%	1.6%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%
Under Age 1		6,476	-	0.0%	0.0%	\$ 60,359,246	\$ -	0.0%	0.0%
Years 1-20		1,179	10	0.8%	1.5%	\$ 11,738,566	\$ 149,539	1.3%	4.0%
Years 21-44		10,554	145	1.4%	1.4%	\$ 124,593,919	\$ 2,081,670	1.7%	1.5%
Years 45-64		8,368	211	2.5%	2.5%	\$ 145,607,040	\$ 2,989,242	2.1%	1.9%
Years 65+		1,608	36	2.2%	2.4%	\$ 28,716,257	\$ 649,154	2.3%	2.2%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%



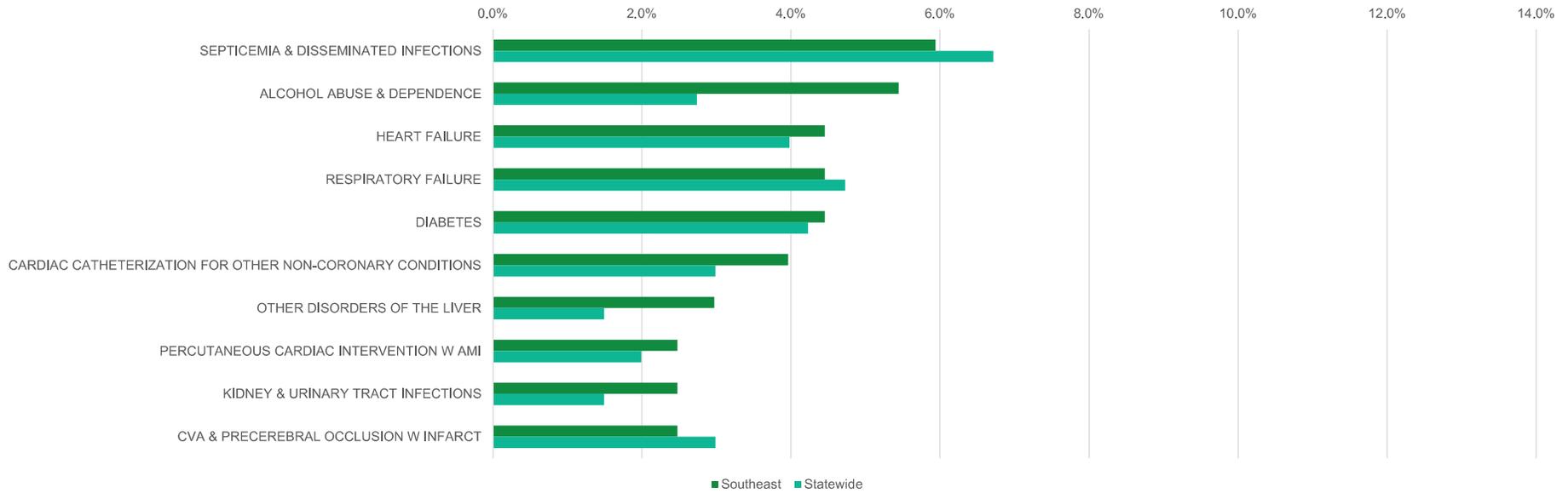
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
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	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	12	\$ 201,206	5.9%	6.4%	27	\$ 457,846	6.7%	8.5%
2	0775	ALCOHOL ABUSE & DEPENDENCE	11	\$ 86,016	5.4%	7.9%	11	\$ 86,016	2.7%	5.2%
3	0194	HEART FAILURE	9	\$ 241,430	4.5%	6.4%	16	\$ 308,061	4.0%	5.0%
4	0133	RESPIRATORY FAILURE	9	\$ 154,724	4.5%	0.5%	19	\$ 278,379	4.7%	0.9%
5	0420	DIABETES	9	\$ 89,789	4.5%	4.0%	17	\$ 220,007	4.2%	3.1%
6	0192	CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS	8	\$ 91,384	4.0%	1.0%	12	\$ 221,597	3.0%	1.1%
7	0283	OTHER DISORDERS OF THE LIVER	6	\$ 70,314	3.0%	3.5%	6	\$ 70,314	1.5%	2.0%
8	0174	PERCUTANEOUS CARDIAC INTERVENTION W AMI	5	\$ 95,499	2.5%	1.5%	8	\$ 181,881	2.0%	0.9%
9	0463	KIDNEY & URINARY TRACT INFECTIONS	5	\$ 75,722	2.5%	0.5%	6	\$ 83,360	1.5%	1.5%
10	0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	5	\$ 41,034	2.5%	2.0%	12	\$ 245,889	3.0%	2.8%
		All Else	123	\$ 1,467,947	60.9%	66.3%	268	\$ 3,716,255	66.7%	69.0%
		Total	202	\$ 2,615,064	100.0%	100.0%	402	\$ 5,869,605	100.0%	100.0%

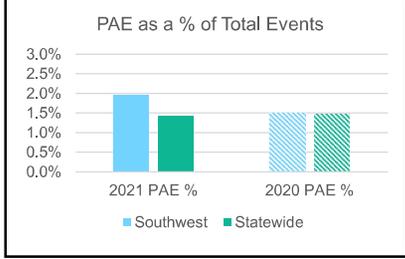
Top 10 PAE Based on Zone as a % of Total PAE



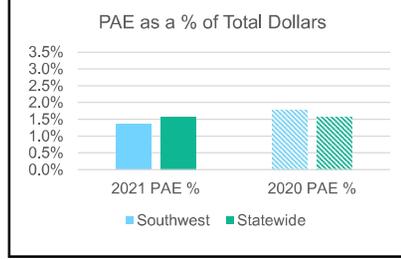
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southwest

1. Total Events		
	Southwest	Statewide
PAE	82	402
Total	4,187	28,185
2021 PAE %	2.0%	1.4%
2020 PAE %	1.5%	1.5%



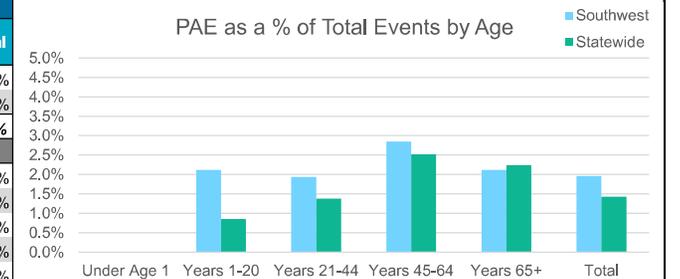
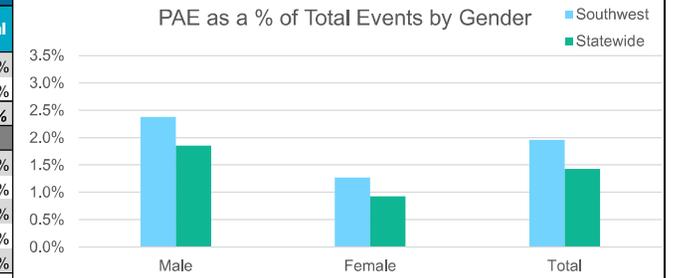
2. Total Dollars		
	Southwest	Statewide
PAE	\$ 838,991	\$ 5,869,605
Total	\$ 62,025,436	\$ 371,015,028
2021 PAE %	1.4%	1.6%
2020 PAE %	1.8%	1.6%



3. APR-DRG Case Mix Index		
	Southwest	Statewide
2021 PAE	1.735	1.784
2021 Total	1.649	1.373
2020 PAE	1.843	1.626
2020 Total	1.584	1.363



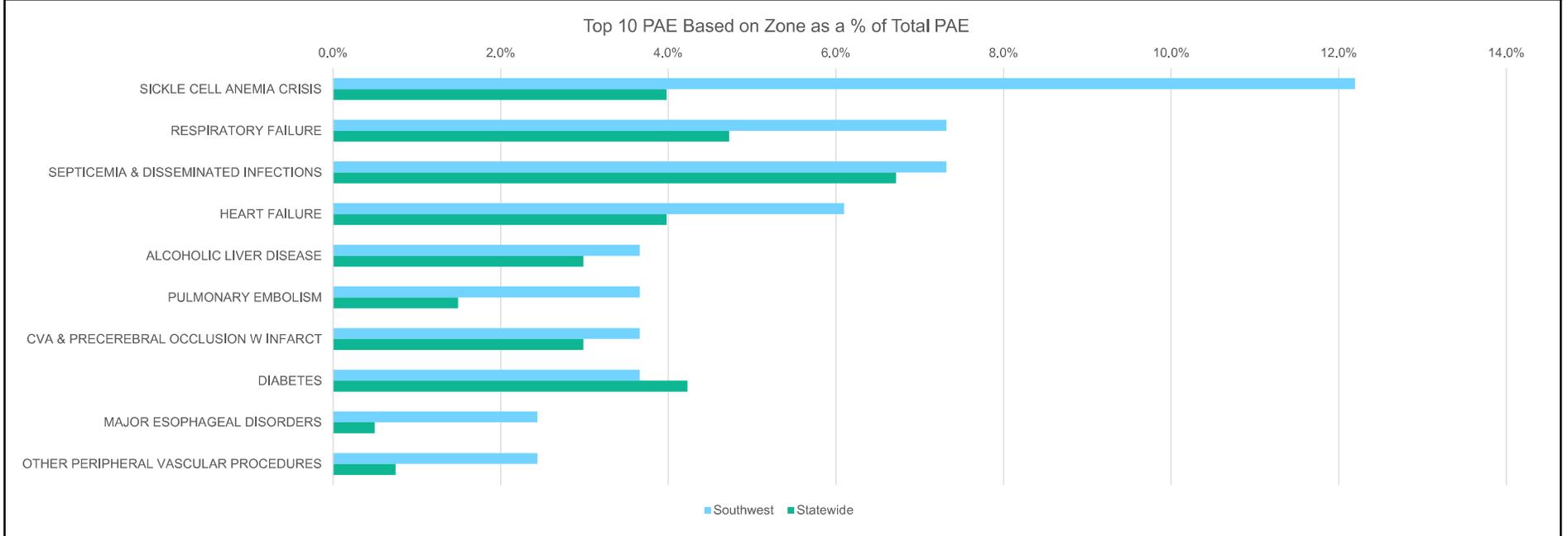
4. Events and Dollars by Age Band and Gender									
Southwest		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	2,611	62	2.4%	1.5%	\$ 45,706,490	\$ 685,108	1.5%	1.3%
All Ages	Female	1,576	20	1.3%	1.5%	\$ 16,318,946	\$ 153,884	0.9%	3.1%
Total		4,187	82	2.0%	1.5%	\$ 62,025,436	\$ 838,991	1.4%	1.8%
Under Age 1		743	-	0.0%	0.0%	\$ 9,347,162	\$ -	0.0%	0.0%
Years 1-20		189	4	2.1%	3.2%	\$ 2,463,720	\$ 19,496	0.8%	11.4%
Years 21-44		1,449	28	1.9%	1.1%	\$ 18,650,252	\$ 225,465	1.2%	0.9%
Years 45-64		1,617	46	2.8%	2.1%	\$ 28,430,186	\$ 547,793	1.9%	2.1%
Years 65+		189	4	2.1%	3.3%	\$ 3,134,116	\$ 46,237	1.5%	2.1%
Total		4,187	82	2.0%	1.5%	\$ 62,025,436	\$ 838,991	1.4%	1.8%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	15,206	282	1.9%	1.7%	\$ 247,653,351	\$ 4,189,888	1.7%	1.5%
All Ages	Female	12,979	120	0.9%	1.2%	\$ 123,361,678	\$ 1,679,717	1.4%	1.6%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%
Under Age 1		6,476	-	0.0%	0.0%	\$ 60,359,246	\$ -	0.0%	0.0%
Years 1-20		1,179	10	0.8%	1.5%	\$ 11,738,566	\$ 149,539	1.3%	4.0%
Years 21-44		10,554	145	1.4%	1.4%	\$ 124,593,919	\$ 2,081,670	1.7%	1.5%
Years 45-64		8,368	211	2.5%	2.5%	\$ 145,607,040	\$ 2,989,242	2.1%	1.9%
Years 65+		1,608	36	2.2%	2.4%	\$ 28,716,257	\$ 649,154	2.3%	2.2%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%



Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southwest

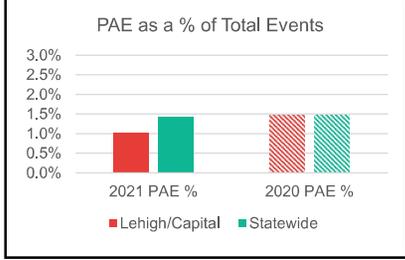
Top 10 PAE by Zone			Southwest				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0662	SICKLE CELL ANEMIA CRISIS	10	\$ 70,733	12.2%	4.0%	16	\$ 109,494	4.0%	2.8%
2	0133	RESPIRATORY FAILURE	6	\$ 82,153	7.3%	0.0%	19	\$ 278,379	4.7%	0.9%
3	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	6	\$ 50,546	7.3%	9.3%	27	\$ 457,846	6.7%	8.5%
4	0194	HEART FAILURE	5	\$ 35,496	6.1%	6.7%	16	\$ 308,061	4.0%	5.0%
5	0280	ALCOHOLIC LIVER DISEASE	3	\$ 36,218	3.7%	2.7%	12	\$ 141,720	3.0%	2.4%
6	0134	PULMONARY EMBOLISM	3	\$ 28,553	3.7%	0.0%	6	\$ 60,064	1.5%	0.4%
7	0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	3	\$ 23,218	3.7%	4.0%	12	\$ 245,889	3.0%	2.8%
8	0420	DIABETES	3	\$ 18,505	3.7%	1.3%	17	\$ 220,007	4.2%	3.1%
9	0242	MAJOR ESOPHAGEAL DISORDERS	2	\$ 31,191	2.4%	0.0%	2	\$ 31,191	0.5%	1.1%
10	0182	OTHER PERIPHERAL VASCULAR PROCEDURES	2	\$ 28,954	2.4%	0.0%	3	\$ 35,509	0.7%	0.2%
		All Else	39	\$ 433,426	47.6%	72.0%	272	\$ 3,981,446	67.7%	72.7%
		Total	82	\$ 838,991	100.0%	100.0%	402	\$ 5,869,605	100.0%	100.0%



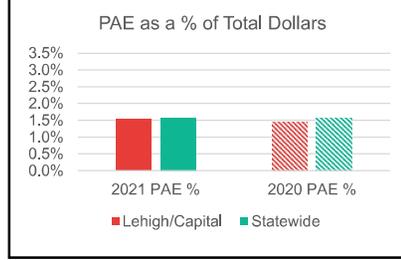
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Lehigh/Capital

1. Total Events		
	Lehigh/Capital	Statewide
PAE	70	402
Total	6,839	28,185
2021 PAE %	1.0%	1.4%
2020 PAE %	1.5%	1.5%



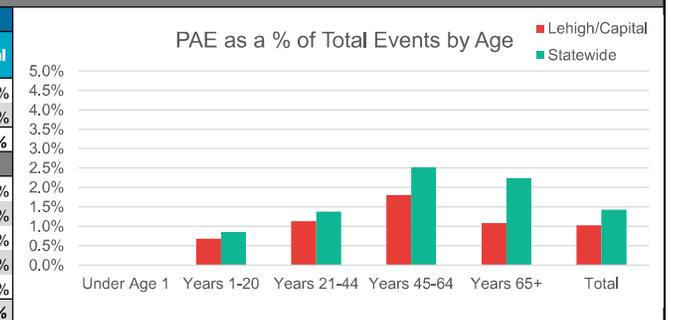
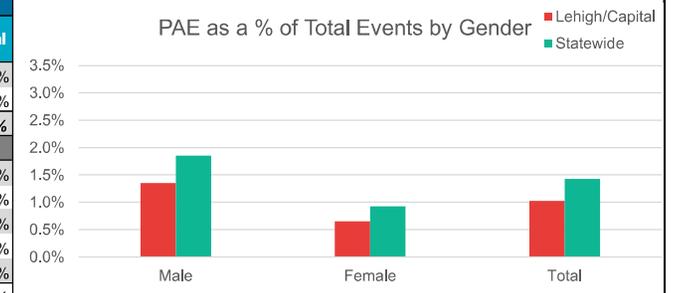
2. Total Dollars		
	Lehigh/Capital	Statewide
PAE	\$ 1,432,979	\$ 5,869,605
Total	\$ 93,469,192	\$ 371,015,028
2021 PAE %	1.5%	1.6%
2020 PAE %	1.5%	1.6%



3. APR-DRG Case Mix Index		
	Lehigh/Capital	Statewide
2021 PAE	1.738	1.784
2021 Total	1.426	1.373
2020 PAE	1.740	1.626
2020 Total	1.388	1.363



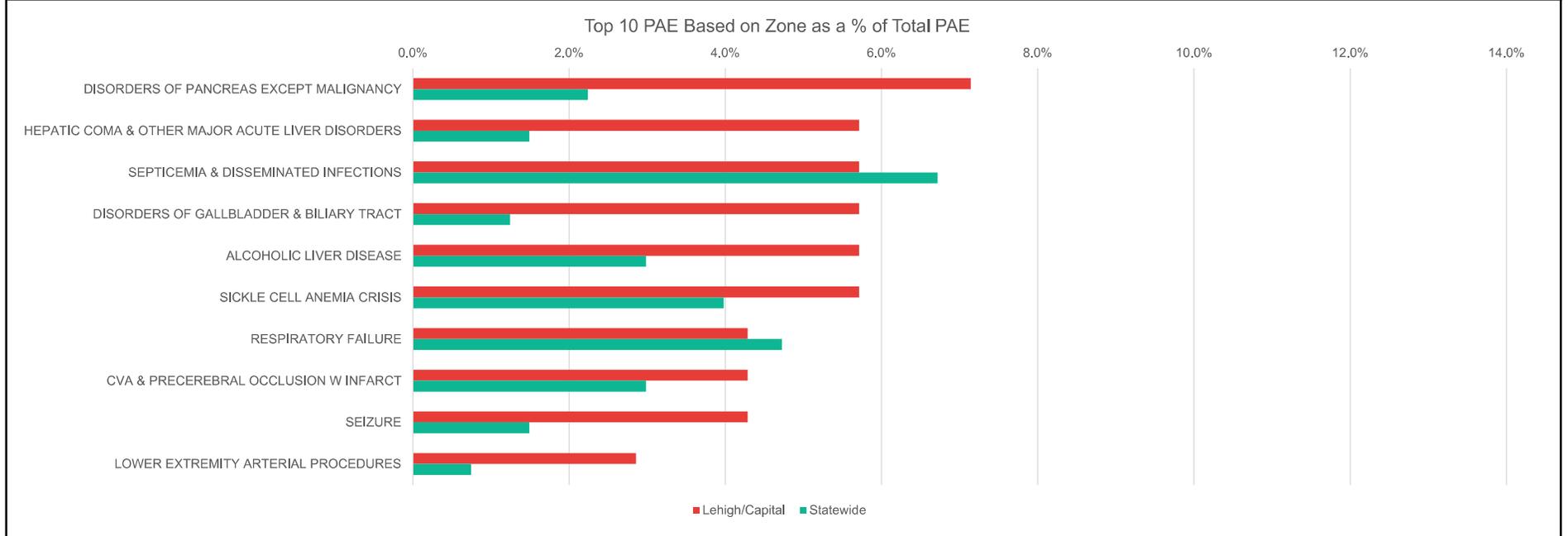
4. Events and Dollars by Age Band and Gender									
Lehigh/Capital		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	3,621	49	1.4%	1.8%	\$ 61,997,858	\$ 1,021,601	1.6%	1.5%
All Ages	Female	3,218	21	0.7%	1.1%	\$ 31,471,334	\$ 411,378	1.3%	1.4%
Total		6,839	70	1.0%	1.5%	\$ 93,469,192	\$ 1,432,979	1.5%	1.5%
Under Age 1		1,690	-	0.0%	0.0%	\$ 15,377,759	\$ -	0.0%	0.0%
Years 1-20		294	2	0.7%	0.8%	\$ 2,027,540	\$ 22,434	1.1%	0.9%
Years 21-44		2,486	28	1.1%	1.4%	\$ 30,996,334	\$ 772,516	2.5%	1.5%
Years 45-64		1,999	36	1.8%	2.7%	\$ 38,705,742	\$ 522,623	1.4%	2.0%
Years 65+		370	4	1.1%	2.1%	\$ 6,361,818	\$ 115,406	1.8%	2.4%
Total		6,839	70	1.0%	1.5%	\$ 93,469,192	\$ 1,432,979	1.5%	1.5%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	15,206	282	1.9%	1.7%	\$ 247,653,351	\$ 4,189,888	1.7%	1.5%
All Ages	Female	12,979	120	0.9%	1.2%	\$ 123,361,678	\$ 1,679,717	1.4%	1.6%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%
Under Age 1		6,476	-	0.0%	0.0%	\$ 60,359,246	\$ -	0.0%	0.0%
Years 1-20		1,179	10	0.8%	1.5%	\$ 11,738,566	\$ 149,539	1.3%	4.0%
Years 21-44		10,554	145	1.4%	1.4%	\$ 124,593,919	\$ 2,081,670	1.7%	1.5%
Years 45-64		8,368	211	2.5%	2.5%	\$ 145,607,040	\$ 2,989,242	2.1%	1.9%
Years 65+		1,608	36	2.2%	2.4%	\$ 28,716,257	\$ 649,154	2.3%	2.2%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%



Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Lehigh/Capital

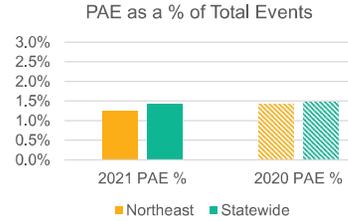
Top 10 PAE by Zone			Lehigh/Capital				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	5	\$ 49,853	7.1%	3.6%	9	\$ 86,396	2.2%	4.4%
2	0279	HEPATIC COMA & OTHER MAJOR ACUTE LIVER DISORDERS	4	\$ 109,264	5.7%	0.0%	6	\$ 137,693	1.5%	0.7%
3	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	4	\$ 71,173	5.7%	8.9%	27	\$ 457,846	6.7%	8.5%
4	0284	DISORDERS OF GALLBLADDER & BILIARY TRACT	4	\$ 55,960	5.7%	0.0%	5	\$ 62,289	1.2%	0.2%
5	0280	ALCOHOLIC LIVER DISEASE	4	\$ 30,924	5.7%	3.6%	12	\$ 141,720	3.0%	2.4%
6	0662	SICKLE CELL ANEMIA CRISIS	4	\$ 29,654	5.7%	2.7%	16	\$ 109,494	4.0%	2.8%
7	0133	RESPIRATORY FAILURE	3	\$ 31,757	4.3%	1.8%	19	\$ 278,379	4.7%	0.9%
8	0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	3	\$ 26,683	4.3%	4.5%	12	\$ 245,889	3.0%	2.8%
9	0053	SEIZURE	3	\$ 19,166	4.3%	0.9%	6	\$ 35,591	1.5%	0.7%
10	0181	LOWER EXTREMITY ARTERIAL PROCEDURES	2	\$ 68,674	2.9%	1.8%	3	\$ 81,799	0.7%	0.9%
		All Else	34	\$ 939,874	48.6%	72.3%	287	\$ 4,232,509	71.4%	75.8%
		Total	70	\$ 1,432,979	100.0%	100.0%	402	\$ 5,869,605	100.0%	100.0%



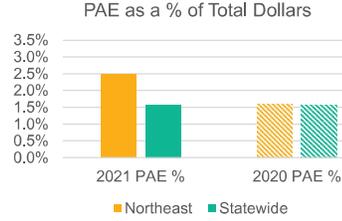
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northeast

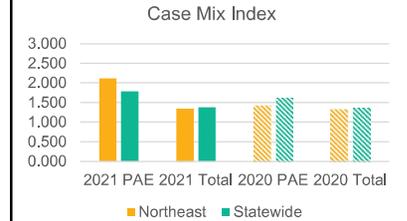
1. Total Events		
	Northeast	Statewide
PAE	43	402
Total	3,390	28,185
2021 PAE %	1.3%	1.4%
2020 PAE %	1.4%	1.5%



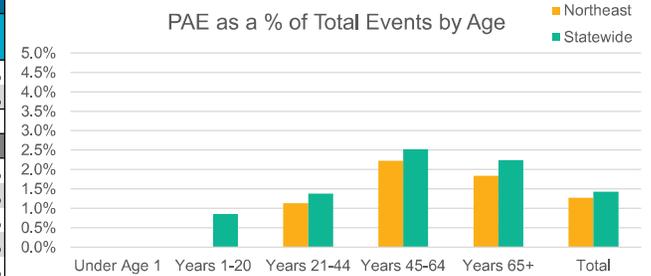
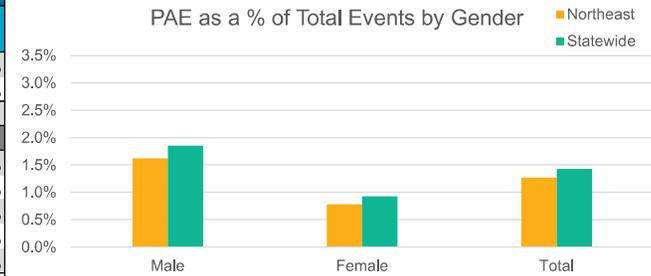
2. Total Dollars		
	Northeast	Statewide
PAE	\$ 928,755	\$ 5,869,605
Total	\$ 37,337,346	\$ 371,015,028
2021 PAE %	2.5%	1.6%
2020 PAE %	1.6%	1.6%



3. APR-DRG Case Mix Index		
	Northeast	Statewide
2021 PAE	2.119	1.784
2021 Total	1.350	1.373
2020 PAE	1.431	1.626
2020 Total	1.326	1.363



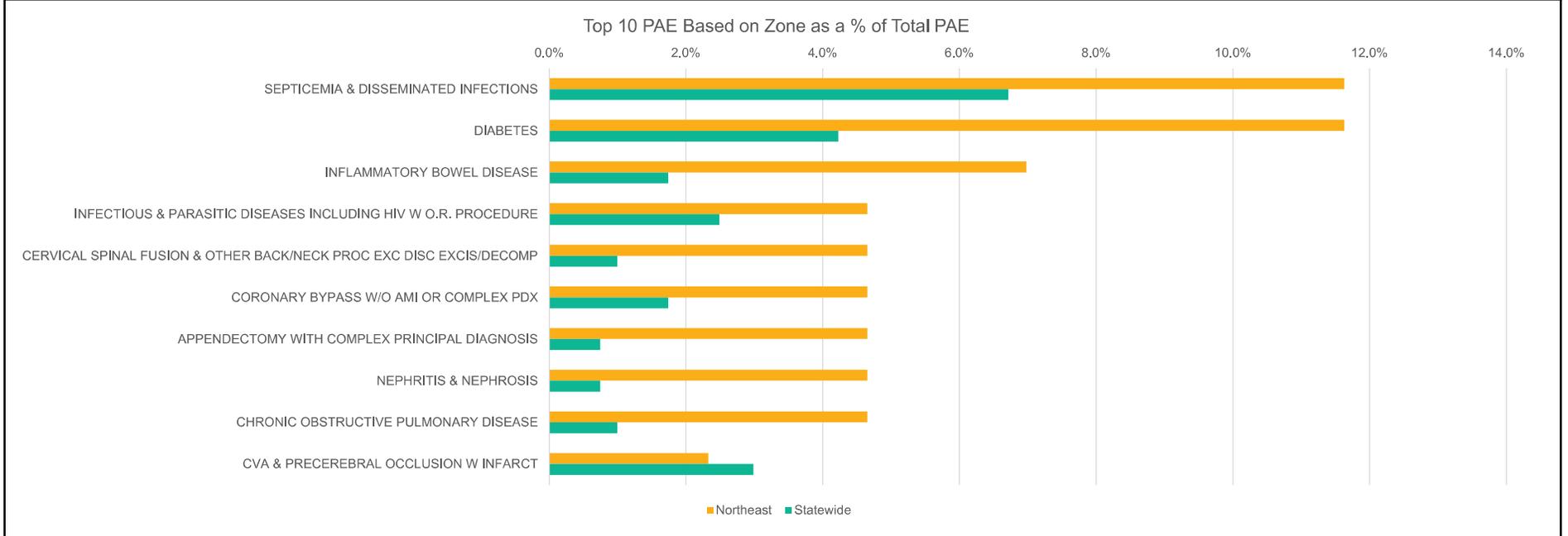
4. Events and Dollars by Age Band and Gender									
Northeast		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	1,975	32	1.6%	1.4%	\$ 26,877,487	\$ 670,025	2.5%	1.6%
All Ages	Female	1,415	11	0.8%	1.4%	\$ 10,459,859	\$ 258,731	2.5%	1.7%
Total		3,390	43	1.3%	1.4%	\$ 37,337,346	\$ 928,755	2.5%	1.6%
Under Age 1		707	-	0.0%	0.0%	\$ 4,770,512	\$ -	0.0%	0.0%
Years 1-20		144	-	0.0%	0.6%	\$ 803,468	\$ -	0.0%	0.6%
Years 21-44		1,152	13	1.1%	0.9%	\$ 11,197,275	\$ 209,179	1.9%	1.1%
Years 45-64		1,169	26	2.2%	2.5%	\$ 17,488,883	\$ 675,805	3.9%	2.2%
Years 65+		218	4	1.8%	4.0%	\$ 3,077,207	\$ 43,771	1.4%	3.5%
Total		3,390	43	1.3%	1.4%	\$ 37,337,346	\$ 928,755	2.5%	1.6%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	15,206	282	1.9%	1.7%	\$ 247,653,351	\$ 4,189,888	1.7%	1.5%
All Ages	Female	12,979	120	0.9%	1.2%	\$ 123,361,678	\$ 1,679,717	1.4%	1.6%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%
Under Age 1		6,476	-	0.0%	0.0%	\$ 60,359,246	\$ -	0.0%	0.0%
Years 1-20		1,179	10	0.8%	1.5%	\$ 11,738,566	\$ 149,539	1.3%	4.0%
Years 21-44		10,554	145	1.4%	1.4%	\$ 124,593,919	\$ 2,081,670	1.7%	1.5%
Years 45-64		8,368	211	2.5%	2.5%	\$ 145,607,040	\$ 2,989,242	2.1%	1.9%
Years 65+		1,608	36	2.2%	2.4%	\$ 28,716,257	\$ 649,154	2.3%	2.2%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%



Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northeast

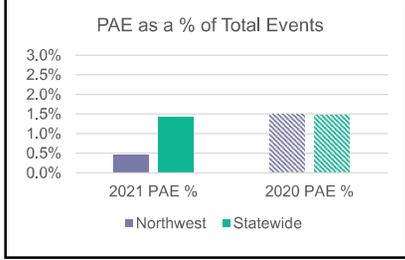
Top 10 PAE by Zone			Northeast				Statewide			
Zone Rank	APR DRG	Description	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0720	SEPTICEMIA & DISSEMINATED INFECTIONS	5	\$ 134,922	11.6%	17.3%	27	\$ 457,846	6.7%	8.5%
2	0420	DIABETES	5	\$ 111,713	11.6%	1.9%	17	\$ 220,007	4.2%	3.1%
3	0245	INFLAMMATORY BOWEL DISEASE	3	\$ 39,414	7.0%	0.0%	7	\$ 105,001	1.7%	0.7%
4	0710	INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE	2	\$ 130,620	4.7%	0.0%	10	\$ 199,388	2.5%	2.0%
5	0321	CERVICAL SPINAL FUSION & OTHER BACK/NECK PROC EXC DISC EXCIS/DECOMP	2	\$ 76,113	4.7%	0.0%	4	\$ 89,186	1.0%	0.0%
6	0166	CORONARY BYPASS W/O AMI OR COMPLEX PDX	2	\$ 26,388	4.7%	0.0%	7	\$ 72,468	1.7%	0.4%
7	0233	APPENDECTOMY WITH COMPLEX PRINCIPAL DIAGNOSIS	2	\$ 24,009	4.7%	0.0%	3	\$ 37,217	0.7%	0.4%
8	0462	NEPHRITIS & NEPHROSIS	2	\$ 17,078	4.7%	0.0%	3	\$ 25,926	0.7%	0.0%
9	0140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	2	\$ 8,640	4.7%	1.9%	4	\$ 13,051	1.0%	0.7%
10	0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	1	\$ 154,954	2.3%	0.0%	12	\$ 245,889	3.0%	2.8%
		All Else	17	\$ 204,903	39.5%	78.8%	308	\$ 4,403,627	76.6%	81.4%
		Total	43	\$ 928,755	100.0%	100.0%	402	\$ 5,869,605	100.0%	100.0%



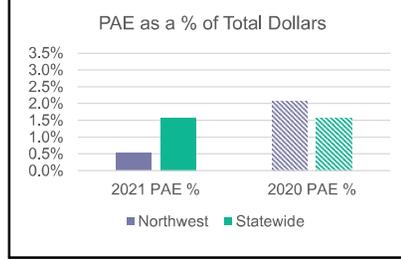
Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northwest

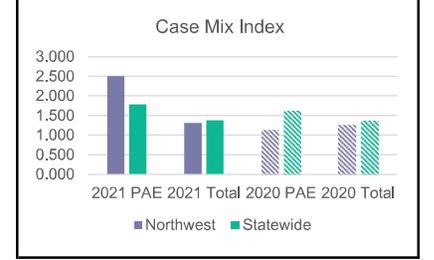
1. Total Events		
	Northwest	Statewide
PAE	5	402
Total	1,048	28,185
2021 PAE %	0.5%	1.4%
2020 PAE %	1.5%	1.5%



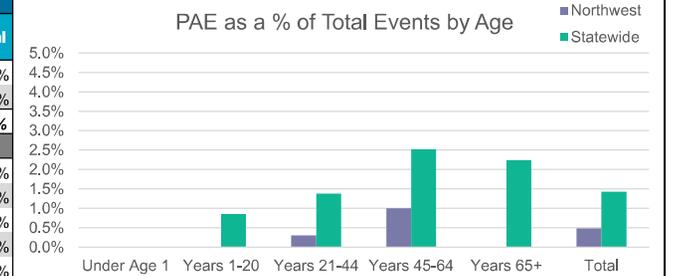
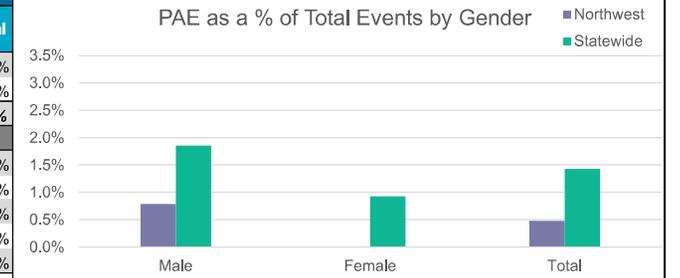
2. Total Dollars		
	Northwest	Statewide
PAE	\$ 53,815	\$ 5,869,605
Total	\$ 10,396,470	\$ 371,015,028
2021 PAE %	0.5%	1.6%
2020 PAE %	2.1%	1.6%



3. APR-DRG Case Mix Index		
	Northwest	Statewide
2021 PAE	2,514	1,784
2021 Total	1,313	1,373
2020 PAE	1,145	1,626
2020 Total	1,259	1,363



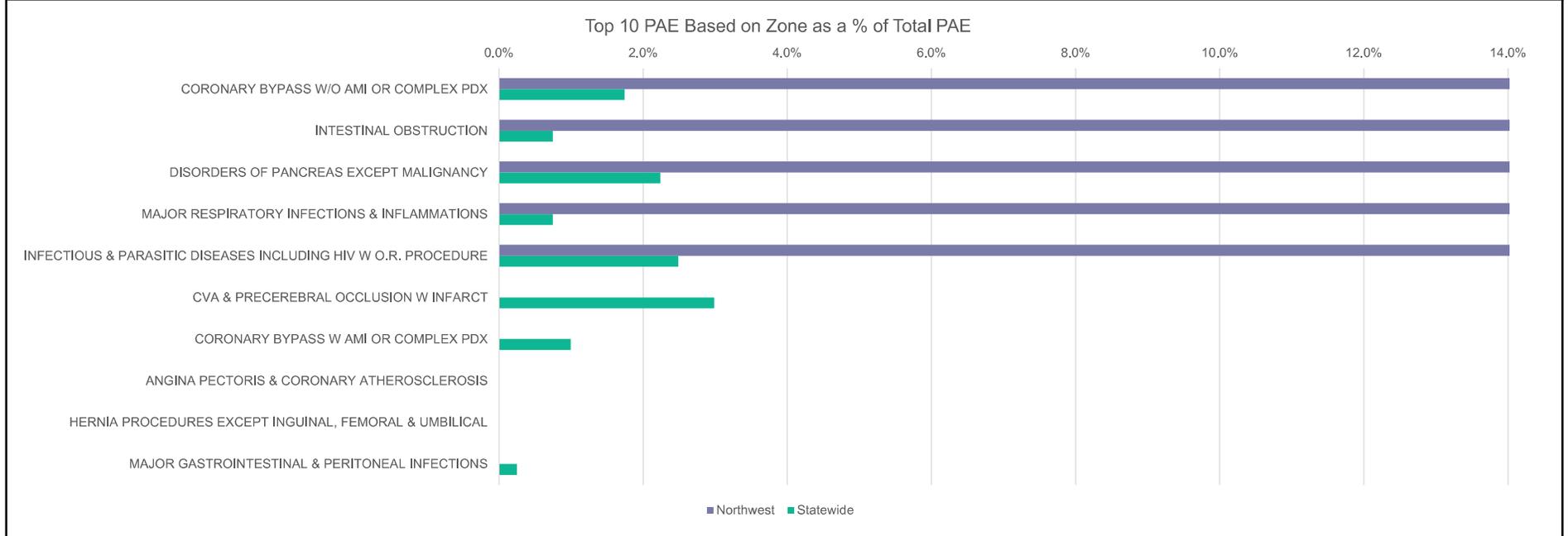
4. Events and Dollars by Age Band and Gender									
Northwest		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	638	5	0.8%	2.0%	\$ 7,515,708	\$ 53,815	0.7%	2.3%
All Ages	Female	410	-	0.0%	0.7%	\$ 2,880,762	\$ -	0.0%	1.6%
Total		1,048	5	0.5%	1.5%	\$ 10,396,470	\$ 53,815	0.5%	2.1%
Under Age 1		238	-	0.0%	0.0%	\$ 1,069,184	\$ -	0.0%	0.0%
Years 1-20		29	-	0.0%	0.0%	\$ 216,782	\$ -	0.0%	0.0%
Years 21-44		331	1	0.3%	0.5%	\$ 2,929,695	\$ 9,243	0.3%	0.3%
Years 45-64		400	4	1.0%	3.3%	\$ 5,495,812	\$ 44,572	0.8%	3.2%
Years 65+		50	-	0.0%	4.3%	\$ 684,997	\$ -	0.0%	5.4%
Total		1,048	5	0.5%	1.5%	\$ 10,396,470	\$ 53,815	0.5%	2.1%
Statewide		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	15,206	282	1.9%	1.7%	\$ 247,653,351	\$ 4,189,888	1.7%	1.5%
All Ages	Female	12,979	120	0.9%	1.2%	\$ 123,361,678	\$ 1,679,717	1.4%	1.6%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%
Under Age 1		6,476	-	0.0%	0.0%	\$ 60,359,246	\$ -	0.0%	0.0%
Years 1-20		1,179	10	0.8%	1.5%	\$ 11,738,566	\$ 149,539	1.3%	4.0%
Years 21-44		10,554	145	1.4%	1.4%	\$ 124,593,919	\$ 2,081,670	1.7%	1.5%
Years 45-64		8,368	211	2.5%	2.5%	\$ 145,607,040	\$ 2,989,242	2.1%	1.9%
Years 65+		1,608	36	2.2%	2.4%	\$ 28,716,257	\$ 649,154	2.3%	2.2%
Total		28,185	402	1.4%	1.5%	\$ 371,015,028	\$ 5,869,605	1.6%	1.6%



Appendix C

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
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	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE
1	0166	CORONARY BYPASS W/O AMI OR COMPLEX PDX	1	\$ 12,952	20.0%	0.0%	7	\$ 72,468	1.7%	0.4%
2	0247	INTESTINAL OBSTRUCTION	1	\$ 11,308	20.0%	0.0%	3	\$ 21,490	0.7%	0.0%
3	0282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	1	\$ 10,252	20.0%	5.9%	9	\$ 86,396	2.2%	4.4%
4	0137	MAJOR RESPIRATORY INFECTIONS & INFLAMMATIONS	1	\$ 10,060	20.0%	0.0%	3	\$ 42,964	0.7%	0.7%
5	0710	INFECTIOUS & PARASITIC DISEASES INCLUDING HIV W O.R. PROCEDURE	1	\$ 9,243	20.0%	5.9%	10	\$ 199,388	2.5%	2.0%
6	0045	CVA & PRECEREBRAL OCCLUSION W INFARCT	-	\$ -	0.0%	5.9%	12	\$ 245,889	3.0%	2.8%
7	0165	CORONARY BYPASS W AMI OR COMPLEX PDX	-	\$ -	0.0%	5.9%	4	\$ 45,527	1.0%	1.3%
8	0198	ANGINA PECTORIS & CORONARY ATHEROSCLEROSIS	-	\$ -	0.0%	17.6%	-	\$ -	0.0%	0.7%
9	0227	HERNIA PROCEDURES EXCEPT INGUINAL, FEMORAL & UMBILICAL	-	\$ -	0.0%	5.9%	-	\$ -	0.0%	0.2%
10	0248	MAJOR GASTROINTESTINAL & PERITONEAL INFECTIONS	-	\$ -	0.0%	5.9%	1	\$ 990	0.2%	0.7%
		All Else	-	\$ -	0.0%	47.1%	353	\$ 5,154,494	87.8%	86.9%
		Total	5	\$ 53,815	100.0%	100.0%	402	\$ 5,869,605	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 fifth year of the analysis; therefore, both CY 2021 and CY 2020 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.

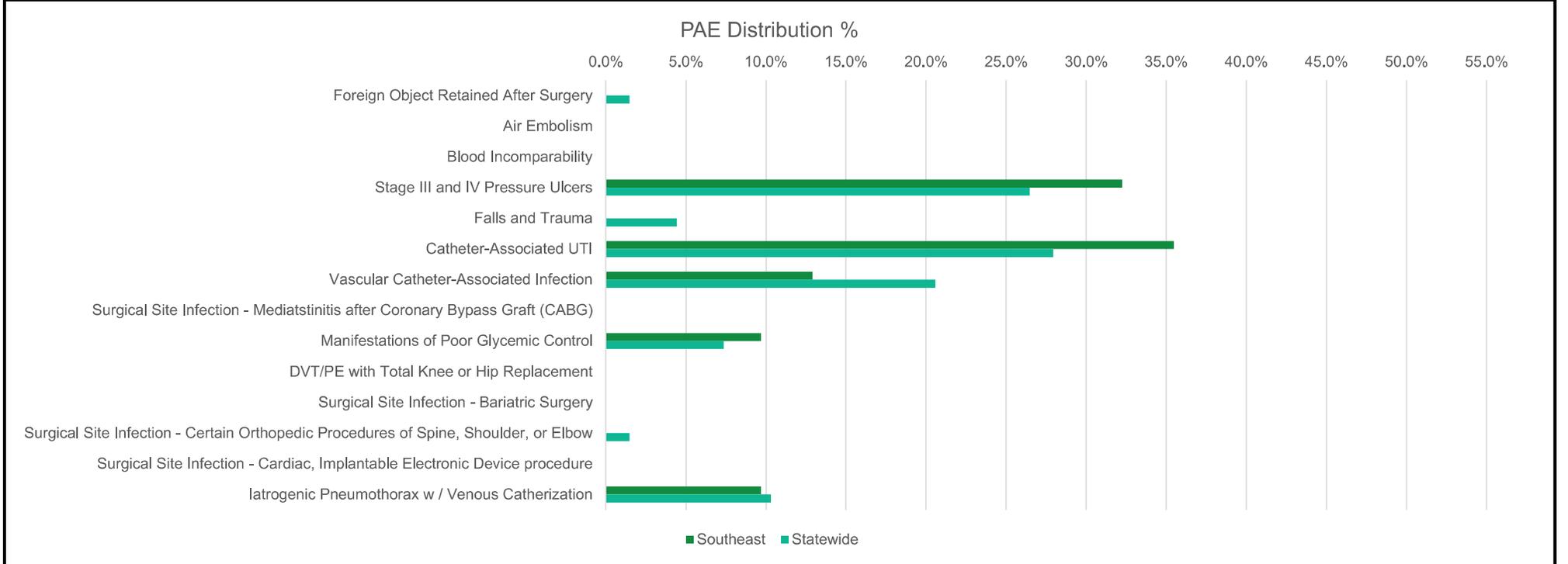
Additional Notes Regarding Data

1. Admissions and Dollars for CY 2021 service dates are based on FFS claims data submitted through January 7, 2022.
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 2021.
 - 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, 2021 - December 31, 2021
Zone:	Southeast

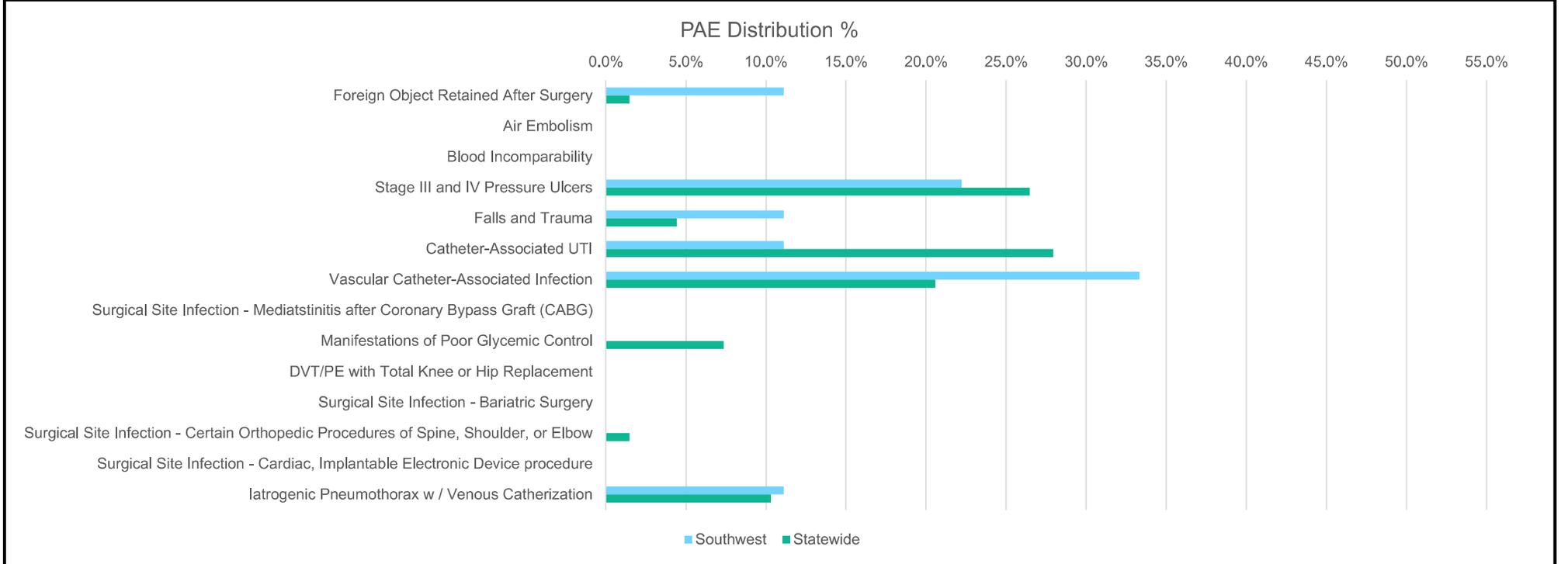
1. Events by Potentially Avoidable Complication		Southeast			Statewide		
PAC #	PAC Description	PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	1	1.5%	1.8%
2	Air Embolism	-	0.0%	0.0%	-	0.0%	0.0%
3	Blood Incomparability	-	0.0%	0.0%	-	0.0%	0.0%
4	Stage III and IV Pressure Ulcers	10	32.3%	28.0%	18	26.5%	31.6%
5	Falls and Trauma	-	0.0%	12.0%	3	4.4%	7.0%
6	Catheter-Associated UTI	11	35.5%	28.0%	19	27.9%	24.6%
7	Vascular Catheter-Associated Infection	4	12.9%	24.0%	14	20.6%	22.8%
8	Surgical Site Infection - Mediastinitis after Coronary Bypass Graft (CABG)	-	0.0%	0.0%	-	0.0%	0.0%
9	Manifestations of Poor Glycemic Control	3	9.7%	0.0%	5	7.4%	1.8%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	0.0%	-	0.0%	0.0%
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	1.5%	1.8%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	0.0%
14	Iatrogenic Pneumothorax w / Venous Catherization	3	9.7%	8.0%	7	10.3%	8.8%
Total		31	100.0%	100.0%	68	100.0%	100.0%



Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Southwest

1. Events by Potentially Avoidable Complication		Southwest			Statewide		
PAC #	PAC Description	PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	1	11.1%	11.1%	1	1.5%	1.8%
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	26.5%	31.6%
5	Falls and Trauma	1	11.1%	11.1%	3	4.4%	7.0%
6	Catheter-Associated UTI	1	11.1%	22.2%	19	27.9%	24.6%
7	Vascular Catheter-Associated Infection	3	33.3%	22.2%	14	20.6%	22.8%
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%	5	7.4%	1.8%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	0.0%	-	0.0%	0.0%
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	1.5%	1.8%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	0.0%
14	Iatrogenic Pneumothorax w / Venous Catherization	1	11.1%	11.1%	7	10.3%	8.8%
Total		9	100.0%	100.0%	68	100.0%	100.0%

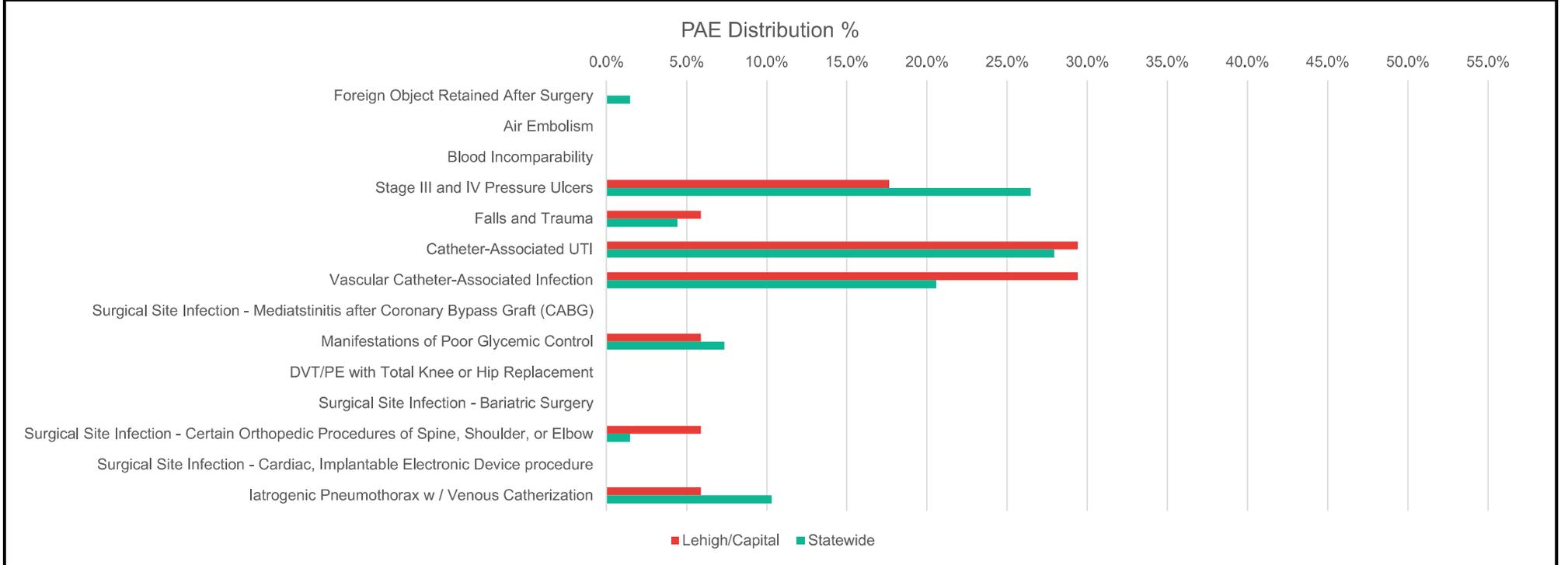


Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Lehigh/Capital

1. Events by Potentially Avoidable Complication

PAC #	PAC Description	Lehigh/Capital			Statewide		
		PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	1	1.5%	1.8%
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	3	17.6%	40.0%	18	26.5%	31.6%
5	Falls and Trauma	1	5.9%	0.0%	3	4.4%	7.0%
6	Catheter-Associated UTI	5	29.4%	20.0%	19	27.9%	24.6%
7	Vascular Catheter-Associated Infection	5	29.4%	26.7%	14	20.6%	22.8%
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	5.9%	0.0%	5	7.4%	1.8%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	0.0%	-	0.0%	0.0%
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	5.9%	6.7%	1	1.5%	1.8%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	0.0%
14	Iatrogenic Pneumothorax w / Venous Catherization	1	5.9%	6.7%	7	10.3%	8.8%
Total		17	100.0%	100.0%	68	100.0%	100.0%

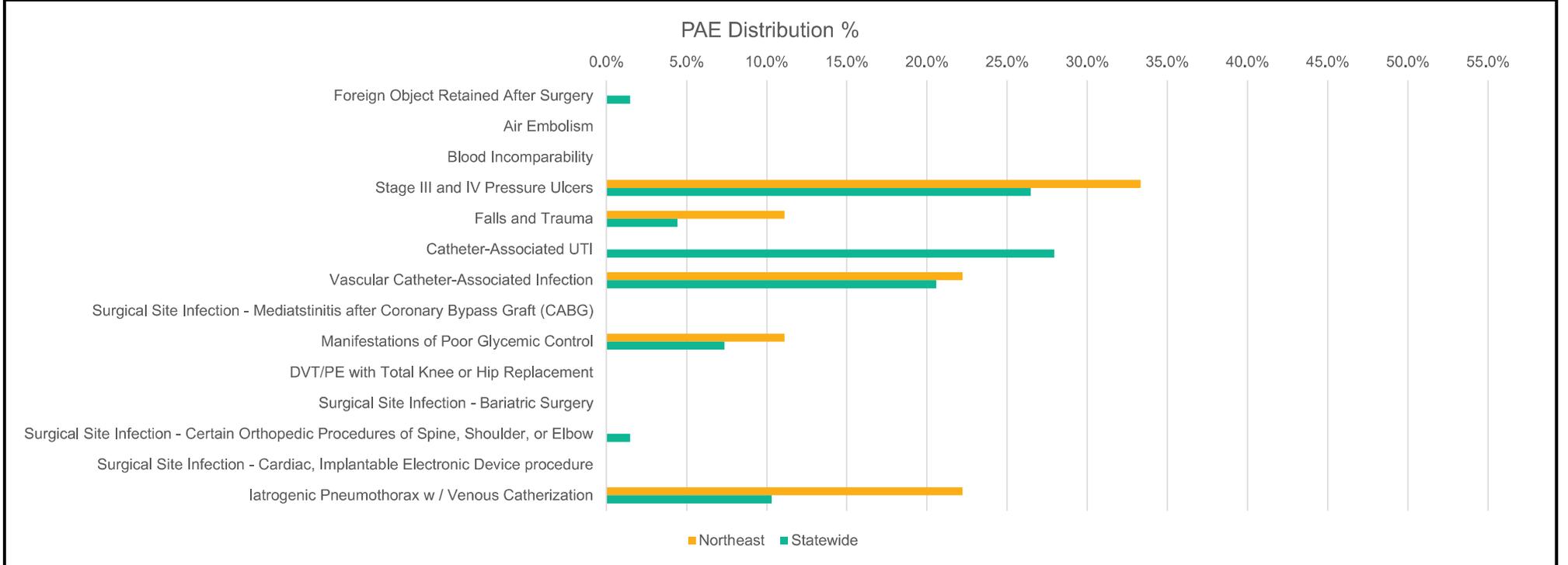


Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northeast

1. Events by Potentially Avoidable Complication

PAC #	PAC Description	Northeast			Statewide		
		PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	1	1.5%	1.8%
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	3	33.3%	28.6%	18	26.5%	31.6%
5	Falls and Trauma	1	11.1%	0.0%	3	4.4%	7.0%
6	Catheter-Associated UTI	-	0.0%	28.6%	19	27.9%	24.6%
7	Vascular Catheter-Associated Infection	2	22.2%	14.3%	14	20.6%	22.8%
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	11.1%	14.3%	5	7.4%	1.8%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	0.0%	-	0.0%	0.0%
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	1.5%	1.8%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	0.0%
14	Iatrogenic Pneumothorax w / Venous Catherization	2	22.2%	14.3%	7	10.3%	8.8%
Total		9	100.0%	100.0%	68	100.0%	100.0%

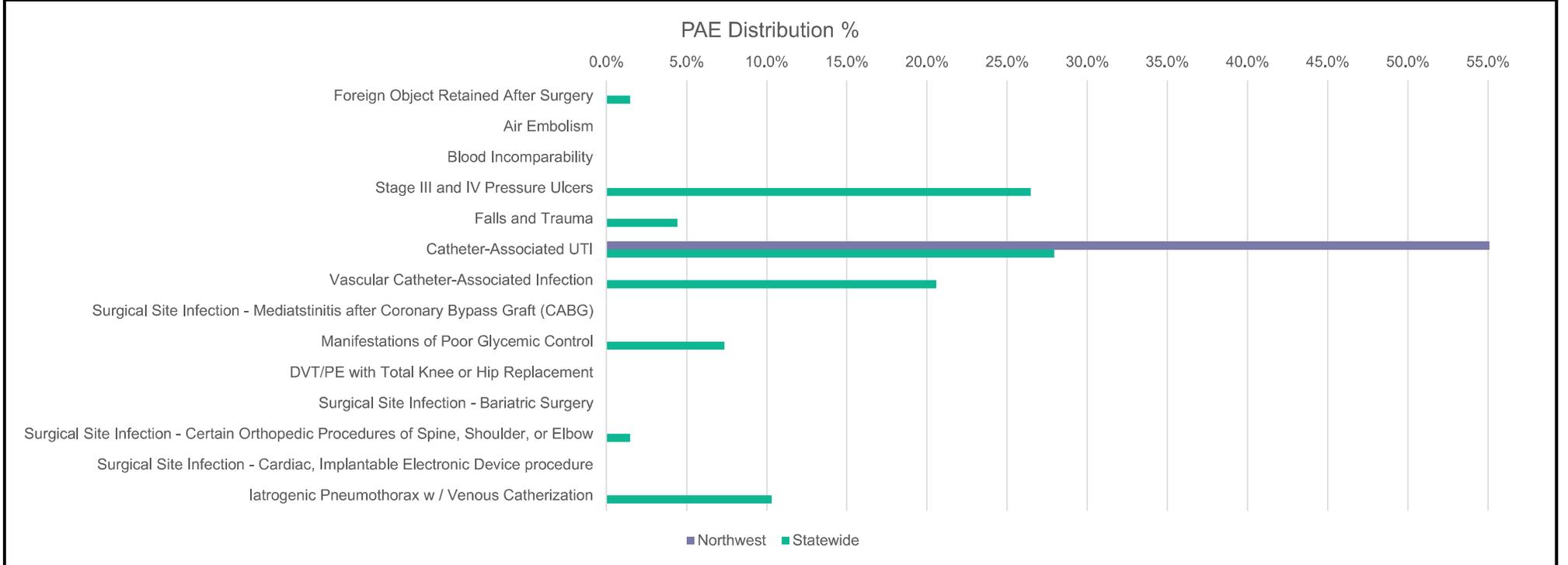


Appendix D

PAE Analysis:	Potentially Avoidable Complications
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Zone:	Northwest

1. Events by Potentially Avoidable Complication

PAC #	PAC Description	Northwest			Statewide		
		PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE
1	Foreign Object Retained After Surgery	-	0.0%	0.0%	1	1.5%	1.8%
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	-	0.0%	100.0%	18	26.5%	31.6%
5	Falls and Trauma	-	0.0%	0.0%	3	4.4%	7.0%
6	Catheter-Associated UTI	2	100.0%	0.0%	19	27.9%	24.6%
7	Vascular Catheter-Associated Infection	-	0.0%	0.0%	14	20.6%	22.8%
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%	0.0%	5	7.4%	1.8%
10	DVT/PE with Total Knee or Hip Replacement	-	0.0%	0.0%	-	0.0%	0.0%
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	1.5%	1.8%
13	Surgical Site Infection - Cardiac, Implantable Electronic Device procedure	-	0.0%	0.0%	-	0.0%	0.0%
14	Iatrogenic Pneumothorax w / Venous Catherization	-	0.0%	0.0%	7	10.3%	8.8%
Total		2	100.0%	100.0%	68	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.
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.

Terminology	Definition
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

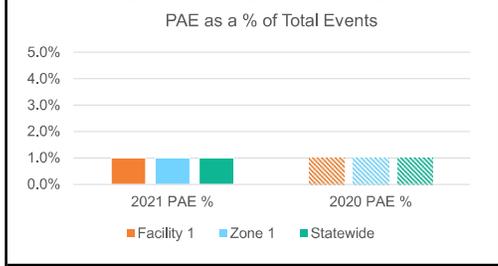
Hospital Report Template — MCO Beneficiaries

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.

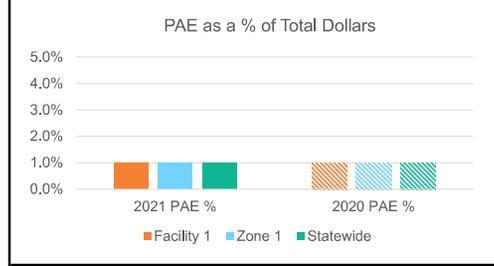
Appendix F Template for Demonstration Only

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Managed Care
Service Dates:	January 1, 2021 - December 31, 2021
Facility:	Facility 1

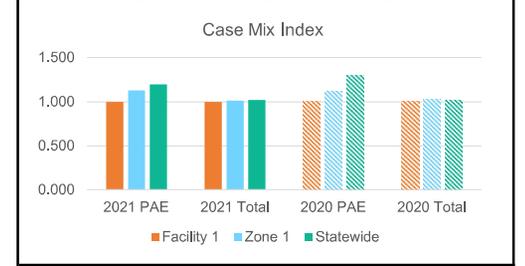
1. Total Events			
	Facility 1	Zone 1	Statewide
2021 PAE	40	200	400
2021 Total	4,000	20,000	40,000
2021 PAE %	1.0%	1.0%	1.0%
2020 PAE %	1.0%	1.0%	1.0%



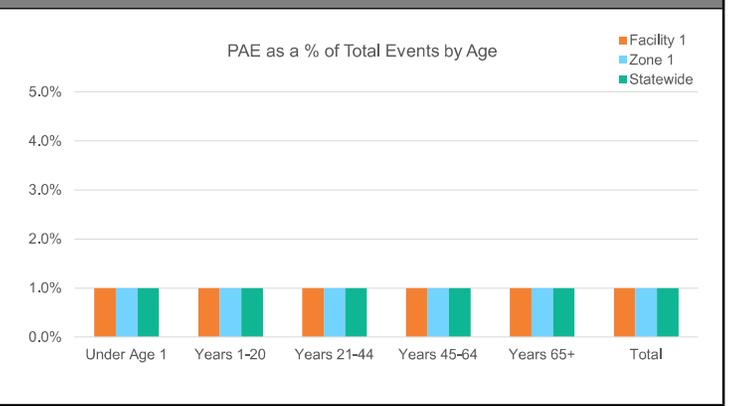
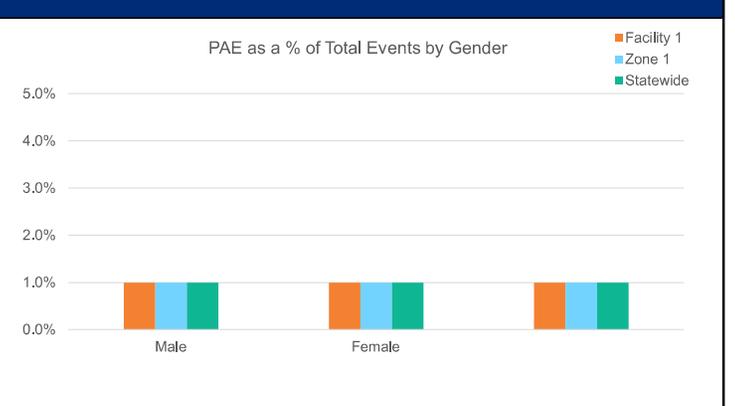
2. Total Dollars			
	Facility 1	Zone 1	Statewide
2021 PAE	\$ 1,000	\$ 3,200,000	\$ 6,400,000
2021 Total	\$ 100,000	\$ 320,000,000	\$ 640,000,000
2021 PAE %	1.0%	1.0%	1.0%
2020 PAE %	1.0%	1.0%	1.0%



3. APR-DRG Case Mix Index			
	Facility 1	Zone 1	Statewide
2021 PAE	1.000	1.130	1.197
2021 Total	1.000	1.011	1.021
2020 PAE	1.000	1.115	1.298
2020 Total	1.000	1.031	1.015



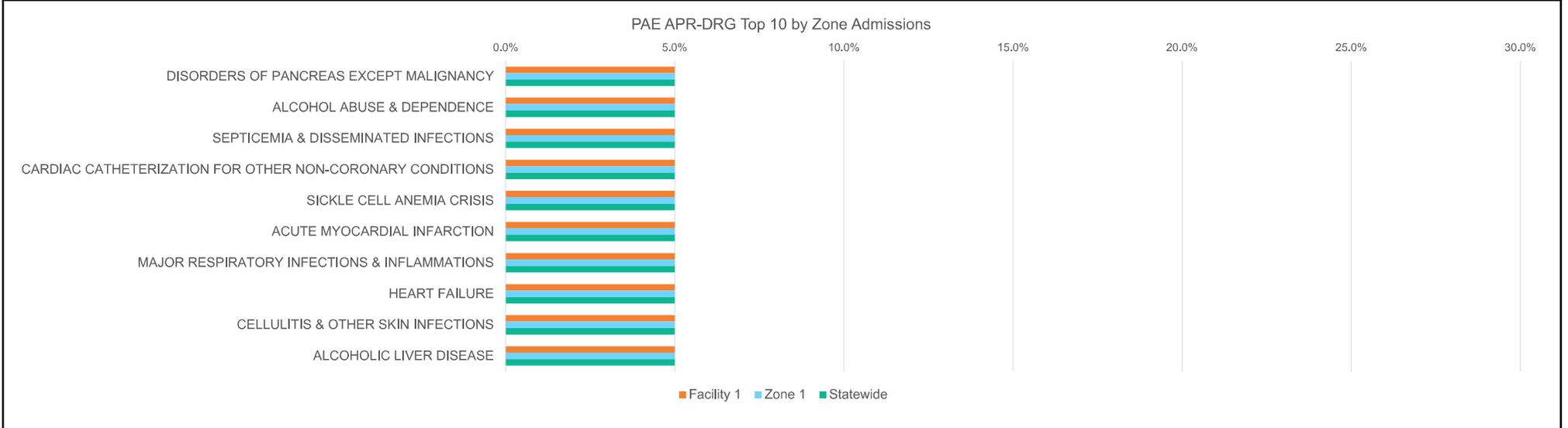
4. Events and Dollars by Age Band and Gender									
Facility 1		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	2,000	20	1.0%	1.0%	\$ 50,000	\$ 500	1.0%	1.0%
All Ages	Female	2,000	20	1.0%	1.0%	\$ 50,000	\$ 500	1.0%	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	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % 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	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % 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, 2021 - December 31, 2021
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	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % of Total PAE	PAE	PAE Dollars	2021 % of Total PAE	2020 % 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, 2021 - December 31, 2021
Facility:	Facility 1

1. Events by Potentially Avoidable Complication		Facility 1			Zone 1			Statewide		
PAC #	PAC Description	PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % of Total PAE	PAE	2021 % of Total PAE	2020 % 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

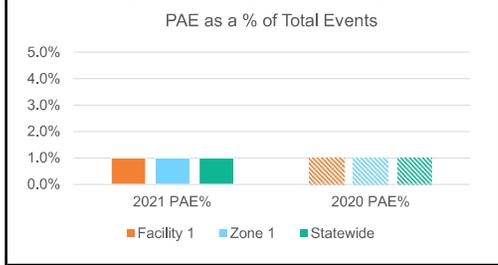
Hospital Report Template — FFS Beneficiaries

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.

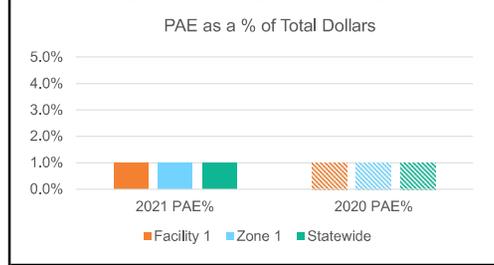
Appendix G Template for Demonstration Only

PAE Analysis:	Potentially Avoidable Readmissions
Program Type:	Fee-For-Service
Service Dates:	January 1, 2021 - December 31, 2021
Facility:	Facility 1

1. Total Events			
	Facility 1	Zone 1	Statewide
2021 PAE	40	200	400
2021 Total	4,000	20,000	40,000
2021 PAE%	1.0%	1.0%	1.0%
2020 PAE%	1.0%	1.0%	1.0%



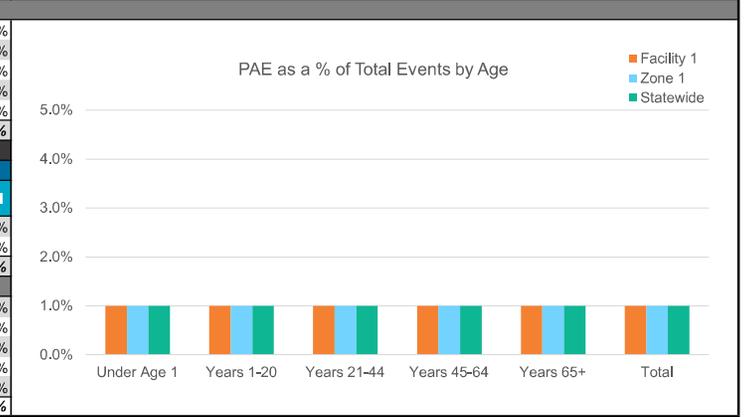
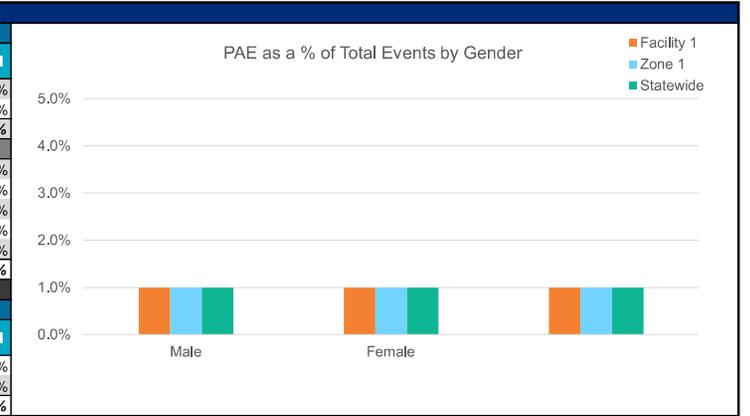
2. Total Dollars			
	Facility 1	Zone 1	Statewide
2021 PAE	\$ 1,000	\$ 3,200,000	\$ 6,400,000
2021 Total	\$ 100,000	\$ 320,000,000	\$ 640,000,000
2021 PAE%	1.0%	1.0%	1.0%
2020 PAE%	1.0%	1.0%	1.0%



3. APR-DRG Case Mix Index			
	Facility 1	Zone 1	Statewide
2021 PAE	1.000	1.130	1.197
2021 Total	1.000	1.011	1.021
2020 PAE	1.000	1.115	1.298
2020 Total	1.000	1.031	1.015



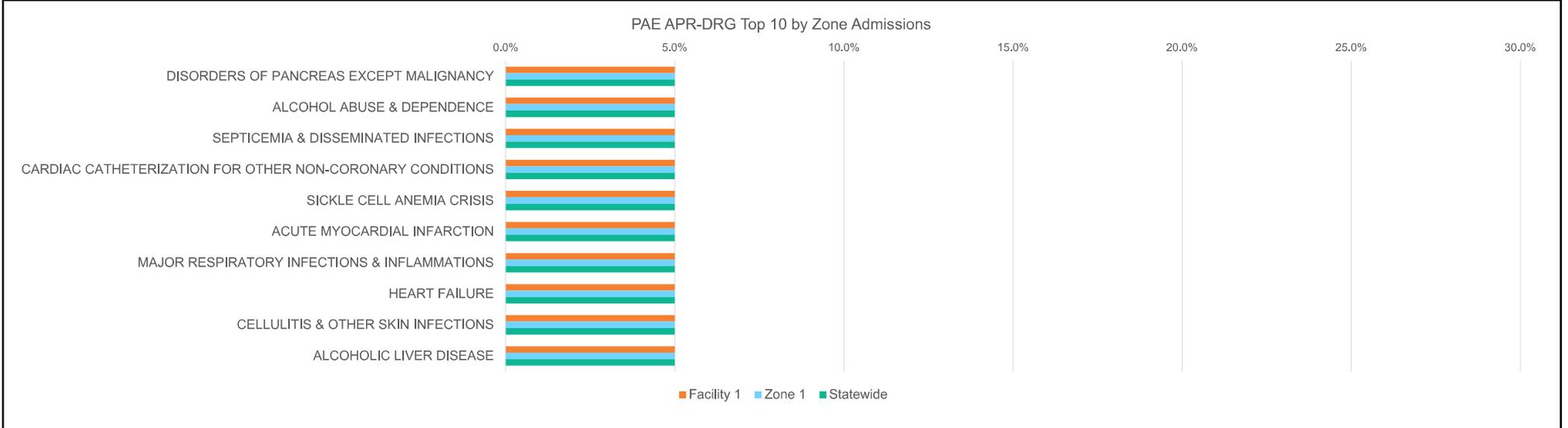
4. Events and Dollars by Age Band and Gender									
Facility 1		Events				Dollars			
Age Band	Gender	Total	PAE	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % of Total
All Ages	Male	2,000	20	1.0%	1.0%	\$ 50,000	\$ 500	1.0%	1.0%
All Ages	Female	2,000	20	1.0%	1.0%	\$ 50,000	\$ 500	1.0%	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	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % 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	2021 % of Total	2020 % of Total	Total	PAE	2021 % of Total	2020 % 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, 2021 - December 31, 2021
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	2021 % of Total	2020 % of Total	PAE	PAE Dollars	2021 % of Total	2020 % of Total	PAE	PAE Dollars	2021 % of Total	2020 % of Total
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, 2021 - December 31, 2021
Facility:	Facility 1

1. Events by Potentially Avoidable Complication										
PAC #	PAC Description	Facility 1			Zone 1			Statewide		
		PAE	2021 % of Total	2020 % of Total	PAE	2021 % of Total	2020 % of Total	PAE	2021 % of Total	2020 % of Total
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	JEFFERSON ABINGTON HOSPITAL	390231	100769186	184	
ADVANCED SURGICAL HOSPITAL	ADVANCED SURGICAL HOSPITAL LLC	390323	102535275	0002	
AEMC-ELKINS PARK	ALBERT EINSTEIN MEDICAL CENTER PHILADELPHIA	390142	100754414	0116	
AHN BRENTWOOD NEIGHBORHOOD HOSPITAL	ALLEGHENY HEALTH NETWORK NEIGHBORHOOD HOSPITAL	390333	103788819	0003	
AHN HARMAR NEIGHBORHOOD HOSPITAL	ALLEGHENY HEALTH NETWORK NEIGHBORHOOD HOSPITAL	390333	103788819	0004	
AHN HEMPFIELD NEIGHBORHOOD HOSPITAL	ALLEGHENY HEALTH NETWORK NEIGHBORHOOD HOSPITAL	390333	103788819	0001	
AHN MCCANDLESS NEIGHBORHOOD HOSPITAL	ALLEGHENY HEALTH NETWORK NEIGHBORHOOD HOSPITAL	390333	103788819	0002	
AHN WEXFORD HOSPITAL	WEXFORD HOSPITAL	390334	100727720	0146	
ALBERT EINSTEIN MEDICAL CENTER	ALBERT EINSTEIN MEDICAL CENTER PHILADELPHIA	390142	100754414	0015	
ALLE KISKI MEDICAL CENTER	ALLE KISKI MEDICAL CENTER	390032	100744768	0001	
ALLENTOWN SPECIALTY HOSPITAL	ALLENTOWN 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 MEMORIAL HOSPITAL	390163	100745907	0002	
AUMC CANONSBURG	CANONSBURG GENERAL HOSPITAL	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 COUNTY HOSPITAL	391309	100727622	0007	
BERWICK HOSPITAL COMPANY LLC	BERWICK HOSPITAL COMPANY LLC	390072	100756259	0006	
BLUE MOUNTAIN HOSPITAL	ST LUKES HOSPITAL LEHIGHTON	390194	100495831	0036	
BRADFORD REGIONAL MEDICAL CENTER	OLEAN GENERAL HOSPITAL	390118	100775503	0022	
BRANDYWINE HOSPITAL	BRANDYWINE HOSPITAL	390076	103442072	0001	
BROOKVILLE HOSPITAL	PENN HIGHLANDS BROOKVILLE	391312	100773376	0004	
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	
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	103432933	0001	
CHILDRENS HOSPITAL OF PHILADELPHIA-KING OF PRUSSIA	CHILDRENS HOSPITAL OF PHILADELPHIA	393303	100770991	0127	
CLARION HOSPITAL	CLARION HOSPITAL	390093	100233767	0005	
CLEARFIELD HOSPITAL	CLEARFIELD HOSPITAL	390052	100747400	0032	
COMMUNITY MEDICAL CENTER	GEISINGER COMMUNITY MEDICAL CENTER	390001	100745676	0042	
CONEMAUGH MEMORIAL MEDICAL CENTER	CONEMAUGH MEMORIAL MEDICAL CENTER	390110	102976289	0001	
CONEMAUGH MEYERSDALE MEDICAL CENTER	CONEMAUGH MEYERSDALE MEDICAL CENTER	391302	102976322	0001	
CONEMAUGH MINERS MEDICAL CENTER	CONEMAUGH MINERS MEDICAL CENTER	390130	102976378	0001	
CONEMAUGH NASON MEDICAL CENTER	NASON MEDICAL CENTER LLC	390062	102998929	0001	
COORDINATED HEALTH ORTHOPEDIC HOSPITAL LLC	LEHIGH VALLEY HOSPITAL-COORDINATED HEALTH BETHLEHEM	390314	102210574	0001	
CORRY MEMORIAL HOSPITAL	CORRY MEMORIAL HOSPITAL	391308	100769990	0022	
CROZER-CHESTER MEDICAL CENTER SPRINGFIELD	PROSPECT CROZER-CHESTER MEDICAL CENTER LLC	390180	103115130	0002	
CURAHEALTH HERITAGE VALLEY	CURAHEALTH HERITAGE VALLEY LLC	392043	103229042	0001	
CURAHEALTH PITTSBURGH LLC	CURAHEALTH PITTSBURGH LLC	392028	103229051	0001	
DOYLESTOWN HOSPITAL	DOYLESTOWN HOSPITAL	390203	100125732	0003	
EASTON HOSPITAL	ST LUKES EASTON CAMPUS	390162	103379540	0001	
EDGEWOOD SURGICAL HOSPITAL	THE SURGERY CENTER AT EDGEWOOD PLACE LLC	390307	101009710	0002	
EINSTEIN MEDICAL CENTER MONTGOMERY	ALBERT EINSTEIN MEDICAL CENTER MONTGOMERY	390329	102743527	0001	
ENDLESS MOUNTAINS HEALTH SYSTEMS	ENDLESS MOUNTAINS HEALTH SYSTEMS INC	391306	100737306	0011	
EPHRATA COMMUNITY HOSPITAL	WELLSPAN EPHRATA COMMUNITY HOSPITAL	390225	100746468	0006	
EVANGELICAL COMMUNITY HOSPITAL	EVANGELICAL COMMUNITY HOSPITAL	390013	100773151	0008	

Appendix H

Health Care Outcomes Facility List					
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location	
FRICK HOSPITAL	FRICK HOSPITAL	390217	100727963	0007	
FULTON COUNTY MEDICAL CENTER	FULTON COUNTY MEDICAL CENTER	391303	100742763	0011	
GEISINGER BLOOMSBURG HOSPITAL	GEISINGER BLOOMSBURG HOSPITAL	390003	100774041	0009	
GEISINGER COMMUNITY MEDICAL CENTER	GEISINGER COMMUNITY MEDICAL CENTER	390001	100745676	0006	
GEISINGER JERSEY SHORE HOSPITAL	GEISINGER JERSEY SHORE HOSPITAL	391300	100770356	0026	
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 MEDICAL CENTER MUNCY	GEISINGER MEDICAL CENTER MUNCY	390337	104022869	0001	
GEISINGER SHAMOKIN AREA COMMUNITY HOSPITAL	GEISINGER MEDICAL CENTER	390006	100747886	0097	
GEISINGER WYOMING VALLEY MEDICAL CENTER	GEISINGER WYOMING VALLEY MEDICAL CENTER	390270	100758478	0002	
GEISINGER WYOMING VALLEY MEDICAL CENTER	GEISINGER WYOMING VALLEY MEDICAL CENTER	390270	100758478	0030	
GEISINGER WYOMING VALLEY MEDICAL CENTER	GEISINGER WYOMING VALLEY MEDICAL CENTER	390270	100758478	0032	
GEISINGER-LEWISTOWN HOSPITAL	GEISINGER LEWISTOWN HOSPITAL	390048	100750676	0004	
GRAND VIEW HOSPITAL	GRAND VIEW HOSPITAL	390057	100125741	0007	
GROVE CITY MEDICAL CENTER HOSPITAL	GROVE CITY MEDICAL CENTER	390266	100776547	0006	
GSL HOSPITAL	GSL - GEISINGER ST LUKES HOSPITAL	390332	103727386	0001	
GUTHRIE TOWANDA MEMORIAL HOSPITAL	ROBERT PACKER TOWANDA	390236	100771326	0001	
HERITAGE VALLEY BEAVER	HERITAGE VALLEY BEAVER	390036	100003355	0174	
HERITAGE VALLEY BEAVER	HERITAGE VALLEY BEAVER	390036	100003355	0175	
HERITAGE VALLEY KENNEDY	HERITAGE VALLEY KENNEDY	390157	100003355	0312	
HERITAGE VALLEY SEWICKLEY	HERITAGE VALLEY SEWICKLEY	390037	100003355	0179	
HOLY REDEEMER HOSPITAL	HOLY REDEEMER HEALTH SYSTEM	390097	100126453	0009	
HUP CEDAR AVE	HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA	390111	100125877	0306	
INDIANA REGIONAL MEDICAL CENTER	INDIANA REGIONAL MEDICAL CENTER	390173	100771353	0001	
JC BLAIR MEMORIAL HOSPITAL	PENN HIGHLANDS HUNTINGDON	390056	100768376	0041	
JEANES HOSPITAL	TEMPLE UNIVERSITY JEANES	390080	100506111	0008	
JEFFERSON REGIONAL MEDICAL CENTER	JEFFERSON REGIONAL MEDICAL CENTER	390265	100744347	0018	
JENNERVILLE HOSPITAL	JENNERVILLE HOSPITAL	390220	103442063	0001	
JERSEY SHORE HOSPITAL	GEISINGER JERSEY SHORE HOSPITAL	391300	100770356	0003	
KENSINGTON HOSPITAL	KENSINGTON HOSPITAL	390025	100771729	0006	
KINDRED HOSPITAL OF PHILADELPHIA	KINDRED HOSPITALS EAST LLC	392027	001759216	0009	
KINDRED HOSPITAL PHILADELPHIA-HAVERTOWN	KINDRED HOSPITALS EAST LLC	392027	001759216	0005	
LANCASTER GENERAL HOSPITAL	LANCASTER GENERAL HOSPITAL	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 ALLENTOWN/BETHLEHEM	390133	100766021	0018	
LEHIGH VALLEY HOSPITAL	LEHIGH VALLEY HOSPITAL ALLENTOWN/BETHLEHEM	390133	100766021	0023	
LEHIGH VALLEY HOSPITAL	LEHIGH VALLEY HOSPITAL ALLENTOWN/BETHLEHEM	390133	100766021	0057	
LEHIGH VALLEY HOSPITAL CARBON	LEHIGH VALLEY HOSPITAL ALLENTOWN/BETHLEHEM	390133	100766021	0125	
LEHIGH VALLEY HOSPITAL DICKSON CITY	POCONO MEDICAL CENTER	390338	100772397	0049	
LEHIGH VALLEY HOSPITAL HAZLETON	LEHIGH VALLEY HOSPITAL HAZLETON	390185	100728719	0004	
LEHIGH VALLEY HOSPITAL HECKTOWN OAKS	LEHIGH VALLEY HOSPITAL ALLENTOWN/BETHLEHEM	390133	100766021	0114	
LEHIGH VALLEY HOSPITAL MUHLENBERG	LEHIGH VALLEY HOSPITAL MUHLENBERG	390263	100766021	0076	
LEHIGH VALLEY HOSPITAL SCHUYLKILL	LEHIGH VALLEY SCHUYLKILL	390030	100760725	0019	
LEHIGH VALLEY HOSPITAL SCHUYLKILL	LEHIGH VALLEY 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 ALLENTOWN/BETHLEHEM	390133	100766021	0106	
LIFECARE HOSPITALS OF PITTSBURGH-ALLE KISKI	NEW LIFECARE HOSPITALS OF PITTSBURGH LLC	392204	102904459	0003	

Appendix H

Health Care Outcomes Facility List					
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location	
LIFECARE HOSPITALS OF PITTSBURGH-MAIN	NEW LIFECARE HOSPITALS OF PITTSBURGH LLC	392204	102904459	0002	
LIFECARE HOSPITALS OF PITTSBURGH-SUBURBAN	NEW LIFECARE HOSPITALS OF PITTSBURGH LLC	392204	102904459	0001	
MAIN LINE HOSPITAL LANKENAU	MAIN LINE HOSPITAL LANKENAU	390195	100735428	0039	
MCMC MERCY FITZGERALD CAMPUS	MERCY CATHOLIC MEDICAL CENTER OF SOUTHEASTERN PA	390156	100730682	0001	
MCMC MERCY PHILADELPHIA CAMPUS	HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA	390111	100730682	0068	
MEADVILLE MEDICAL CENTER	MEADVILLE MEDICAL CENTER	390113	100752115	0043	
MEADVILLE MEDICAL CENTER	MEADVILLE MEDICAL CENTER	390113	100752115	0120	
MILLCREEK COMMUNITY HOSPITAL	MILLCREEK COMMUNITY HOSPITAL	390198	100771120	0008	
MONONGAHELA VALLEY HOSPITAL INC	PENN HIGHLANDS MON VALLEY	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	390157	100750282	0003	
OSS ORTHOPAEDIC HOSPITAL LLC	OSS ORTHOPAEDIC HOSPITAL LLC	390325	102569451	0001	
PAOLI MEMORIAL HOSPITAL	PAOLI MEMORIAL HOSPITAL	390153	100735428	0036	
PENN HIGHLANDS CONNELLSVILLE	PENN HIGHLANDS CONNELLSVILLE	390184	100776921	0010	
PENN HIGHLANDS DUBOIS	PENN HIGHLANDS DUBOIS	390086	100774088	0070	
PENN HIGHLANDS DUBOIS CLEARFIELD CAMPUS	PENN HIGHLANDS DUBOIS	390086	100774088	0263	
PENN HIGHLANDS ELK	PENN HIGHLANDS ELK	391315	100729260	0030	
PENN PRESBYTERIAN MEDICAL CENTER	PENN PRESBYTERIAN MEDICAL CENTER	390223	100729707	0008	
PENN STATE HEALTH HAMPDEN MEDICAL CENTER	PENN STATE HEALTH HAMPDEN MEDICAL CENTER	390336	103962850	0001	
PENN STATE HEALTH HOLY SPIRIT MEDICAL CENTER	PENN STATE HEALTH HOLY SPIRIT MEDICAL CENTER	390004	100771881	0081	
PENN STATE HEALTH LANCASTER MEDICAL CENTER	PENN STATE HEALTH LANCASTER MEDICAL CENTER	390339	104039516	0002	
PENNSYLVANIA HOSPITAL/UPHS	PENNSYLVANIA HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA	390226	100004915	0007	
PHILADELPHIA POST-ACUTE PARTNERS LLC	PHILADELPHIA POST-ACUTE PARTNERS	392050	102381123	0001	
PHOENIXVILLE HOSPITAL	PHOENIXVILLE HOSPITAL LLC	390127	103441333	0001	
PHYSICIANS CARE SURGICAL HOSPITAL	PHYSICIANS CARE SURGICAL HOSPITAL LP	390324	102569415	0001	
PINNACLE HEALTH MEMORIAL HOSPITAL	UPMC MEMORIAL	390101	103360870	0001	
POCONO MEDICAL CENTER	POCONO MEDICAL CENTER	390201	100772397	0001	
POST ACUTE MEDICAL AT NANTICOKE LLC	POST ACUTE MEDICAL AT NANTICOKE LLC	392025	103067848	0002	
POTTSTOWN HOSPITAL	POTTSTOWN HOSPITAL	390123	103441692	0001	
PRIME HEALTHCARE SERVICES LOWER BUCKS LLC	PRIME HEALTHCARE SERVICES LOWER BUCKS LLC	390070	102862484	0001	
PROSPECT CCMC LLC	PROSPECT CROZER-CHESTER MEDICAL CENTER LLC	390180	103115130	0001	
PROSPECT CCMC LLC	PROSPECT CROZER-CHESTER MEDICAL CENTER LLC	390180	103115130	0003	
PROSPECT DCMH LLC D/B/A DELAWARE COUNTY MEMORIAL	DELAWARE COUNTY MEMORIAL HOSPITAL	390081	103106893	0001	
PUNXSUTAWNEY AREA HOSPITAL	PUNXSUTAWNEY AREA HOSPITAL INC	390199	100771264	0007	
READING HOSPITAL	READING HOSPITAL	390044	100286591	0069	
READING HOSPITAL TRANSPLANT CENTER	READING HOSPITAL	390044	100286591	0156	
RIDDLE MEMORIAL HOSPITAL	RIDDLE MEMORIAL HOSPITAL	390222	100741229	0004	
ROBERT PACKER HOSPITAL	ROBERT PACKER SAYRE	390079	100770614	0003	
ROBERT PACKER HOSPITAL TOWANDA CAMPUS	ROBERT PACKER TOWANDA	390236	100770614	0044	
ROXBOROUGH MEMORIAL HOSPITAL	PRIME HEALTHCARE SERVICES-ROXBOROUGH LLC	390304	102685791	0001	
SACRED HEART HOSPITAL	ST LUKES HOSPITAL SACRED HEART CAMPUS	390197	100727542	0012	
SAINT VINCENT HEALTH CENTER	SAINT VINCENT HEALTH CENTER	390009	100162520	0025	
SCRANTON HOSPITAL COMPANY LLC	SCRANTON HOSPITAL COMPANY LLC	390237	102607329	0001	
SCRANTON HOSPITAL COMPANY LLC	SCRANTON HOSPITAL COMPANY LLC	390237	102607329	0007	
SCRANTON QUINCY HOSPITAL COMPANY LLC	SCRANTON QUINCY HOSPITAL COMPANY LLC	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	

Appendix H

Health Care Outcomes Facility List				
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location
SELECT SPECIALTY HOSPITAL ERIE INC	SELECT SPECIALTY HOSPITAL ERIE INC	392037	102717465	0001
SELECT SPECIALTY HOSPITAL JOHNSTOWN	SELECT SPECIALTY HOSPITAL JOHNSTOWN INC	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 PITTSBURGH UPMC INC	SELECT SPECIALTY HOSPITAL PITTSBURGH UPMC INC	392044	102741110	0001
SHARON REGIONAL MEDICAL CENTER	SHARON REGIONAL MEDICAL CENTER	390211	103377288	0001
SHRINERS HOSPITALS FOR CHILDREN	SHRINERS HOSPITALS FOR CHILDREN	393309	102588878	0001
ST CHRISTOPHERS HOSPITAL FOR CHILDREN	ST CHRISTOPHERS HOSPITAL FOR CHILDREN	393307	103728409	0001
ST CLAIR MEMORAL HOSPITAL	ST CLAIR MEMORAL HOSPITAL	390228	100755206	0019
ST JOSEPH REGIONAL HEALTH NETWORK	ST JOSEPH MEDICAL CENTER	390096	100754497	0057
ST LUKES HOSP OF BETHLEHEM	ST LUKES HOSPITAL BETHLEHEM	390049	100755251	0051
ST LUKES HOSPITAL ALLENTOWN	ST LUKES HOSPITAL BETHLEHEM	390049	100755251	0086
ST LUKES HOSPITAL ANDERSON CAMPUS	ST LUKES ANDERSON CAMPUS	390326	102809290	0001
ST LUKES HOSPITAL BETHLEHEM	ST LUKES HOSPITAL SACRED HEART CAMPUS	390197	100755251	0117
ST LUKES HOSPITAL CARBON CAMPUS	ST LUKES HOSPITAL LEHIGHTON	390194	103978626	0001
ST LUKES HOSPITAL MONROE CAMPUS	ST LUKES HOSPITAL MONROE CAMPUS	390330	103220010	0001
ST LUKES HOSPITAL QUAKERTOWN	ST LUKES QUAKERTOWN HOSPITAL	390035	100745700	0001
ST LUKES HOSPITAL UPPER BUCKS CAMPUS	ST LUKES QUAKERTOWN HOSPITAL	390035	100745700	0017
ST LUKES HOSPITAL-EASTON CAMPUS	ST LUKES EASTON CAMPUS	390162	103816360	0001
ST LUKES HOSPITAL-LEHIGHTON CAMPUS	ST LUKES HOSPITAL LEHIGHTON	390194	100755251	0121
ST MARY MEDICAL CENTER	ST MARY MEDICAL CENTER	390258	100773142	0004
SUBURBAN COMMUNITY HOSPITAL	PRIME HEALTHCARE SERVICES-SUBURBAN HOSPITAL	390116	103075750	0001
SURGICAL INSTITUTE OF READING	SURGICAL INSTITUTE OF READING LLC	390316	102075470	0001
TEMPLE UNIVERSITY HOSPITAL BONE MARROW TRANSPLANT	TEMPLE UNIVERSITY HOSPITAL	390080	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 CARBON SCHUYLKILL COMMUNITY HOSPITAL	ST LUKES MINERS MEMORIAL HOSPITAL	390183	100745470	0008
THE CHAMBERSBURG HOSPITAL	WELLSPAN CHAMBERSBURG HOSPITAL	390151	100745970	0009
THE CHILDRENS HOME OF PITTSBURGH	THE CHILDRENS HOME OF PITTSBURGH	393304	001020741	0006
THE CHILDRENS HOSPITAL OF PHILADELPHIA	CHILDRENS HOSPITAL OF PHILADELPHIA	393303	100770991	0056
THE GOOD SAMARITAN HOSPITAL	GOOD SAMARITAN HOSPITAL OF LEBANON PA	390066	100773278	0004
THE MILTON S HERSHEY MEDICAL CENTER	MILTON S HERSHEY MEDICAL CENTER	390256	100765310	0005
THE SURGERY CENTER AT EDGEWOOD PLACE LLC	THE SURGERY CENTER AT EDGEWOOD PLACE LLC	390307	101009710	0006
THE WASHINGTON HOSPITAL	WASHINGTON HOSPITAL	390042	100738911	0009
THE WOMEN AND BABIES HOSPITAL OF LANCASTER GENERAL	LANCASTER GENERAL HOSPITAL	390100	100771175	0081
THOMAS JEFFERSON UNIVERSITY HOSPITAL	THOMAS JEFFERSON UNIVERSITY HOSPITAL	390174	100750854	0018
THOMAS JEFFERSON UNIVERSITY HOSPITAL METHODIST	THOMAS JEFFERSON UNIVERSITY HOSPITAL	390174	100750854	0022
TITUSVILLE HOSPITAL	TITUSVILLE AREA HOSPITAL	391314	100746065	0002
TITUSVILLE HOSPITAL	TITUSVILLE AREA HOSPITAL	391314	100746065	0003
TROY COMMUNITY HOSPITAL	TROY COMMUNITY HOSPITAL	391305	100750578	0019
TUNKHANNOCK HOSPITAL COMPANY LLC	TUNKHANNOCK HOSPITAL COMPANY LLC	390192	102607436	0001
TYRONE HOSPITAL	TYRONE HOSPITAL	391307	100773400	0002
UNIONTOWN HOSPITAL	UNIONTOWN HOSPITAL	390041	100763075	0018
UNIVERSITY OF PENNSYLVANIA HOSPITAL	HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA	390111	100125877	0069
UPMC ALTOONA	UPMC ALTOONA	390073	100727829	0085
UPMC BEDFORD MEMORIAL	UPMC BEDFORD	390117	100746047	0003
UPMC CARLISLE	UPMC CARLISLE	390058	103355781	0001
UPMC CHILDRENS HOSPITAL OF PITTSBURGH	UPMC CHILDRENS HOSPITAL OF PITTSBURGH	393302	100734799	0059
UPMC EAST	UPMC EAST	390328	102726544	0001

Appendix H

Health Care Outcomes Facility List					
Facility Name	Group Name	Medicare ID	Billing MPI	Service Location	
UPMC HAMOT	UPMC HAMOT	390063	100728657	0033	
UPMC HANOVER	UPMC HANOVER	390233	100744033	0006	
UPMC HORIZON	UPMC HORIZON	390178	100728236	0032	
UPMC HORIZON GREENVILLE	UPMC HORIZON	390178	100728236	0025	
UPMC JAMESON	UPMC JAMESON	390016	100002189	0007	
UPMC KANE	UPMC KANE	390104	100745774	0004	
UPMC LITITZ	UPMC LITITZ	390068	103360084	0001	
UPMC LOCK HAVEN HOSPITAL	UPMC LOCK HAVEN	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	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	390067	100002563	0043	
UPMC PINNACLE COMMUNITY GENERAL	UPMC PINNACLE	390067	100002563	0059	
UPMC PINNACLE WEST SHORE	UPMC PINNACLE	390067	100002563	0166	
UPMC PRESBYTERIAN SHADYSIDE	UPMC PRESBYTERIAN SHADYSIDE	390164	100001904	0029	
UPMC SOMERSET	UPMC SOMERSET	390039	100208666	0009	
UPMC SUNBURY COMMUNITY HOSPITAL	UPMC SUNBURY	390084	103453058	0001	
UPMC WELLSBORO	UPMC WELLSBORO	391316	100003767	0010	
UPMC WILLIAMSPORT	UPMC WILLIAMSPORT	390045	100754835	0019	
UPMC-ST MARGARET	UPMC ST MARGARET	390102	100759920	0016	
VALLEYFORGE MEDICAL CENTER & HOSPITAL	AVENUES RECOVERY MEDICAL CENTER AT VALLEY FORGE	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 MEMORIAL 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 SPECIALTY SERVICES	390327	102704903	0001	
WEST PENN-ALLEGHENY GENERAL HOSPITAL	ALLEGHENY GENERAL HOSPITAL	390050	100727720	0094	
WESTERN PENN HOSP-FORBES REGIONAL CAMPUS	FORBES HOSPITAL	390267	100727720	0082	
WESTERN PENN HOSPITAL	WESTERN PENNSYLVANIA HOSPITAL	390090	100727720	0061	
WESTMORELAND REGIONAL HOSPITAL	WESTMORELAND REGIONAL HOSPITAL	390145	100774847	0028	
WILKES BARRE HOSPITAL COMPANY LLC	WILKES BARRE HOSPITAL	390137	102372966	0001	
WILLS EYE HOSPITAL	WILLS EYE HOSPITAL	390331	100763825	0023	
WINDBER HOSPITAL	WINDBER HOSPITAL	390112	100770374	0004	
YORK HOSPITAL	YORK HOSPITAL	390046	100196547	0059	



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