

WYOMING MEDICAID

health outcomes REPORT | state fiscal year 2017



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Wyoming
Department
of Health



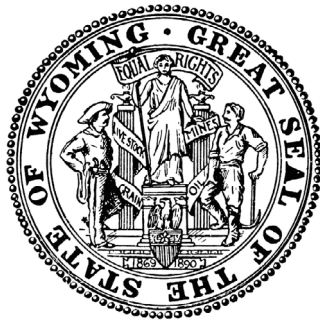
CONTENTS

Population Health3

Utilization.....5

Care Quality Measures.....7

Appendix A: American Indian Health 17



POPULATION HEALTH

This section focuses on the overall health of the Wyoming Medicaid population in SFY 2017.

72,201

enrolled members who
received a service
during SFY 2017

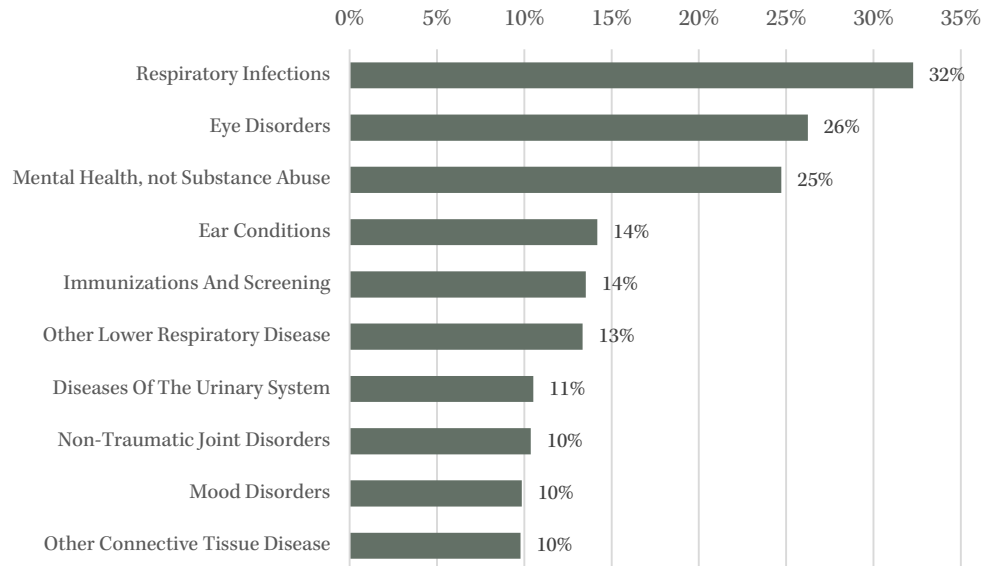
85%

of enrolled members
received a service
during SFY 2017

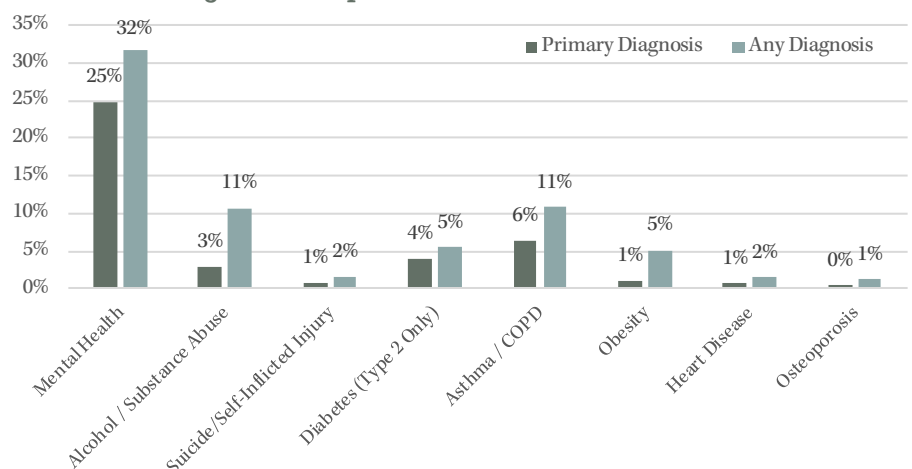
CONDITIONS OF CONCERN

- Mental health
- Alcohol and Substance Abuse
- Suicide and Intentional Self-Inflicted Injury
- Diabetes
- Asthma and COPD
- Obesity
- Heart Disease
- Osteoporosis

Top Primary Diagnoses by Percentage of Recipients



Percentage of Recipients with Conditions of Concern



Distribution of Conditions of Concern by Age Range





UTILIZATION

This section provides a detailed look at service utilization for the Wyoming Medicaid population for SFY 2017 and historically.

Claim and Recipient Distribution by Claim Type

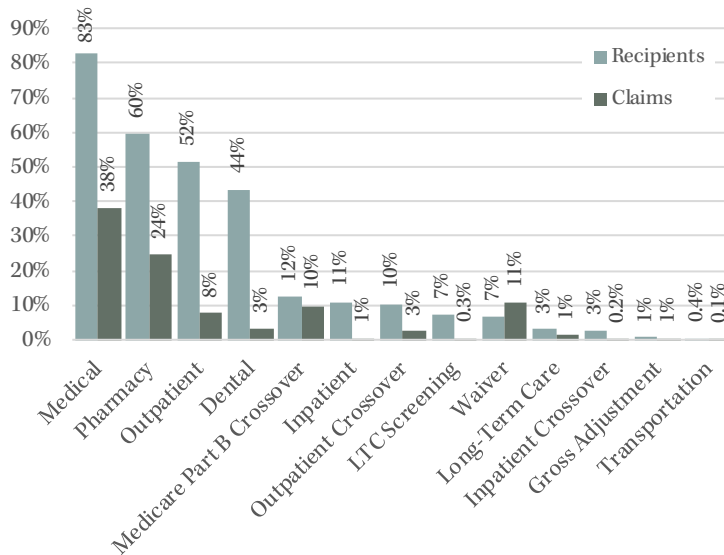


Table 1. Claim and Recipient Counts by Claim Type - SFY 2017

	Claims	Recipients
Totals	2,097,532	72,201
Medical	799,334	59,777
Pharmacy	513,841	42,973
Waiver	225,203	4,956
Medicare Part B Crossover	205,382	8,821
Outpatient	165,773	37,191
Dental	70,173	31,449
Outpatient Crossover	53,888	7,479
Long-Term Care	28,052	2,324
Gross Adjustment	12,050	452
Inpatient	11,620	7,819
LTC Screening	6,767	5,350
Inpatient Crossover	3,877	2,020
Transportation	1,572	298

Table 2. Unique Recipient Count by Service by Age Range - SFY 2017

	Age 0	Age 1 to 9	Age 10 to 20	Age 21 to 64	Age 65+	All Ages
Ambulance	184	247	461	1,818	623	3,336
Ambulatory Surgical Center	48	1,509	360	1,013	180	3,112
Behavioral Health	17	2,757	4,674	5,119	537	12,789
Care Management Entity (CME)	-	126	344	-	-	454
Clinic/Center	149	1,249	1	-	-	1,348
Dental	122	14,031	11,143	5,707	663	31,151
DME, Prosthetics/Orthotics and Supplies	403	900	983	3,700	1,406	7,263
End Stage Renal Disease	-	1	2	106	37	144
Federally Qualified Health Centers	489	1,401	1,366	2,856	512	6,480
Home Health	59	34	30	468	114	698
Hospice	-	1	-	81	122	202
Hospital Total	4,027	9,336	8,202	15,147	3,314	39,286
Hospital-Inpatient	2,864	422	1,146	4,101	1,034	9,558
Hospital-Outpatient	2,887	9,240	8,005	14,617	3,196	37,235
Intermediate Care Facility-ID	-	-	-	49	18	66
Laboratory	87	1,067	1,307	5,236	595	8,236
Nursing Facility	-	1	1	417	2,040	2,446
Other	141	492	774	1,265	241	2,882
PACE	-	-	-	23	119	141
Physician & Other Practitioner	5,699	20,745	15,250	18,888	3,936	61,468
Prescription Drug	2,876	14,236	12,115	13,966	980	42,973
PRTF	-	21	266	-	-	283
Public Health or Welfare	289	895	857	1,919	1,804	5,715
Public Health, Federal	220	1,204	1,101	1,126	140	3,651
Rural Health Clinic	280	1,367	1,189	1,197	407	4,317
Vision	93	5,666	7,056	2,188	816	15,769
Waivers	-	193	607	2,918	1,385	4,956
Total	5,920	24,520	19,210	21,261	5,290	72,201

60.3

Emergency Room visits
per 1,000 member
months

32%

of Recipients had at least
one emergency room visit

Table 3. Emergency Room Rate History

	SFY 2012	SFY 2013	SFY 2014	SFY 2015	SFY 2016	SFY 2017
Member Months (MM)	832,660	827,819	839,250	893,719	815,192	783,133
Emergency Room Visits	52,248	50,697	49,549	52,228	47,772	47,262
Rate per 1,000 MM	62.7	61.2	59.0	58.4	58.6	60.3
Emergency Room Recipients	25,185	24,706	23,869	24,932	23,345	22,869

Emergency Room Rate by Eligibility Subgroup ~ SFY 2017

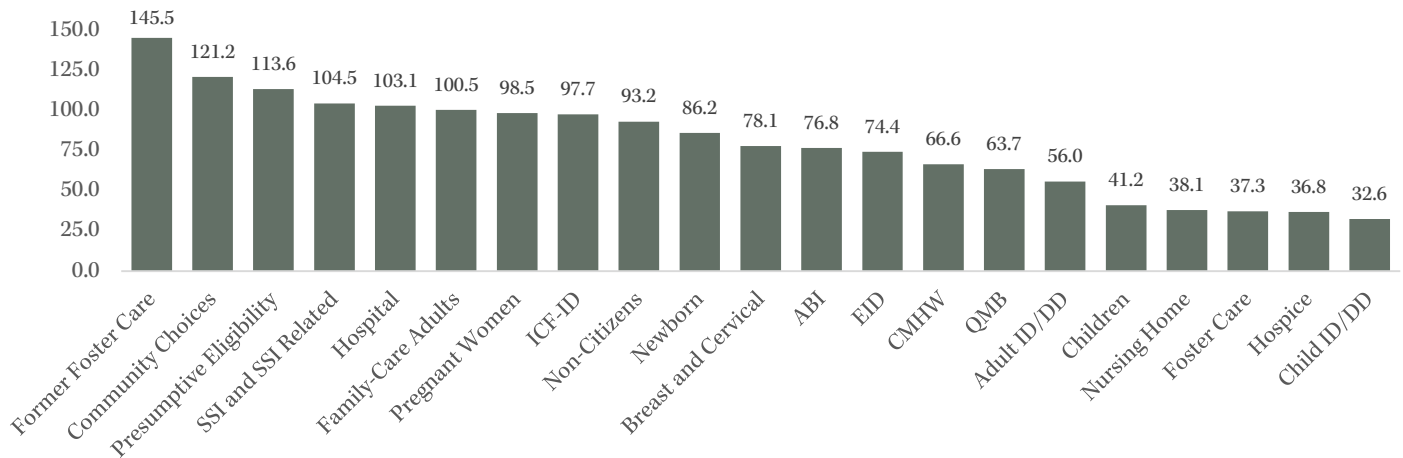


Table 4. Hospital Inpatient Admit Rate History

	SFY 2012	SFY 2013	SFY 2014	SFY 2015	SFY 2016	SFY 2017
Member Months (MM)	832,660	827,819	839,250	893,719	815,192	783,133
Inpatient Admits	11,136	10,821	10,212	10,168	9,700	9,097
Rate per 1,000 MM	13.4	13.1	12.2	11.4	11.9	11.6
Admitted recipients	9,147	8,950	8,607	8,446	8,139	7,658
30-Day Readmissions	762	707	593	638	567	547
% Readmit	6.8%	6.5%	5.8%	6.3%	5.8%	6.0%
Inpatient Admit Rates for Select Levels of Care (per 1,000 member months)						
Maternity - Surgical	1.27	1.29	1.2	1.04	2.66	2.28
Maternity - Medical	2.94	2.76	2.73	2.45	1.11	0.91
Neonatal Intensive Care (NICU)	0.17	0.17	0.16	0.15	0.16	0.14
Newborn Nursery	3.8	3.74	3.63	3.24	3.62	2.47

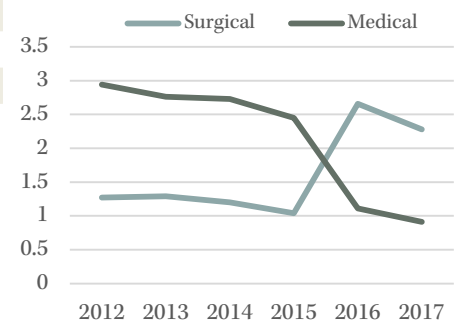
11.6

Hospital Inpatient admits
per 1,000 member months

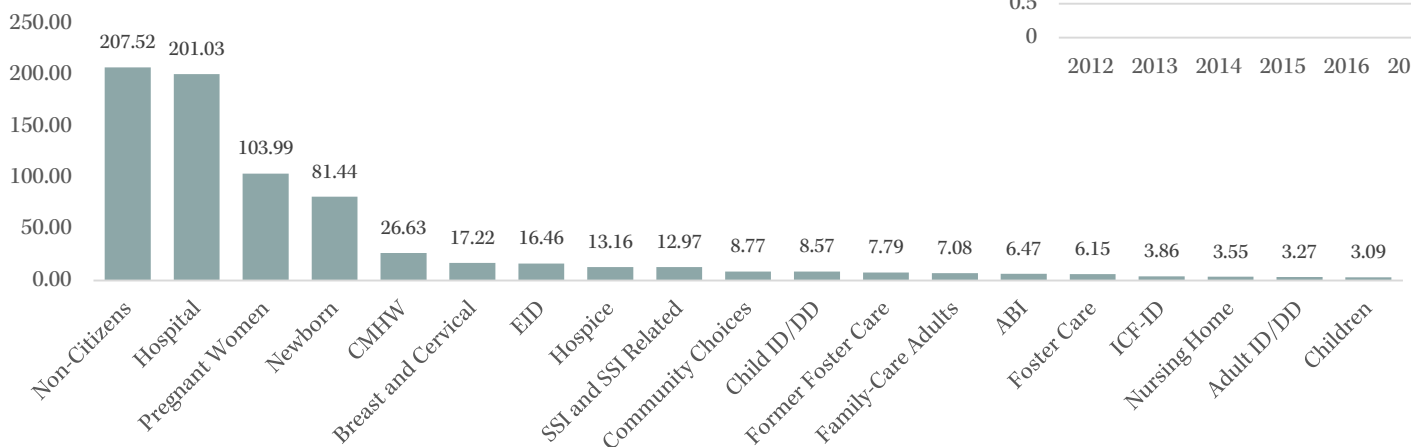
11%

of recipients had at least
one hospital inpatient admit

Inpatient Admit Rates for
Maternity Levels of Care



Hospital Inpatient Admit Rate by Eligibility Subgroup ~ SFY 2017



CARE QUALITY MEASURES

This section provides data reported to the Centers for Medicare & Medicaid Services (CMS) regarding the care quality of the Wyoming Medicaid Population.

Early and Periodic Screening, Diagnostic, and Treatment (EPSDT)

The EPSDT benefit provides comprehensive medical visits for Medicaid children under age 21. Services and screenings are recommended based on the age of the child and are part of the well-child visits. Wyoming uses the Bright Futures Guidelines, a national set of recommendations for well-child visits for children.

The data below is reported to CMS to assess the effectiveness of the EPSDT services.

Table 5. EPSDT Rates FFY 2017

	Age Bands						
	<1	1 to 2	3-5	6-9	10-14	15-18	19-20
Total Individuals eligible for EPSDT	3,064	6,686	8,671	11,070	12,189	7,954	1,992
Eligible individuals with 90 consecutive days of enrollment	2,501	6,247	8,084	10,351	11,371	7,347	1,628
Total months of eligibility	18,330	60,857	81,685	104,513	116,042	73,961	12,937
Average period of eligibility	0.61	0.81	0.84	0.84	0.85	0.84	0.66
Expected number of screenings per individual	4.27	1.62	0.84	0.42	0.85	0.84	0.66
Expected number of total screenings	10,679	10,120	6,791	4,347	9,665	6,171	1,074
Total screenings received	10,905	10,772	4,397	2,455	3,897	1,873	107
Screening Ratio	100%	100%	63%	56%	37%	27%	9%
Total Eligibles Receiving at least One Initial or Periodic	2,229	3,805	2,509	1,541	2,298	1,273	81
Participant Ratio	96%	74%	59%	54%	38%	28%	10%

EPSDT Screening and Participation by Age Band - FFY 2017

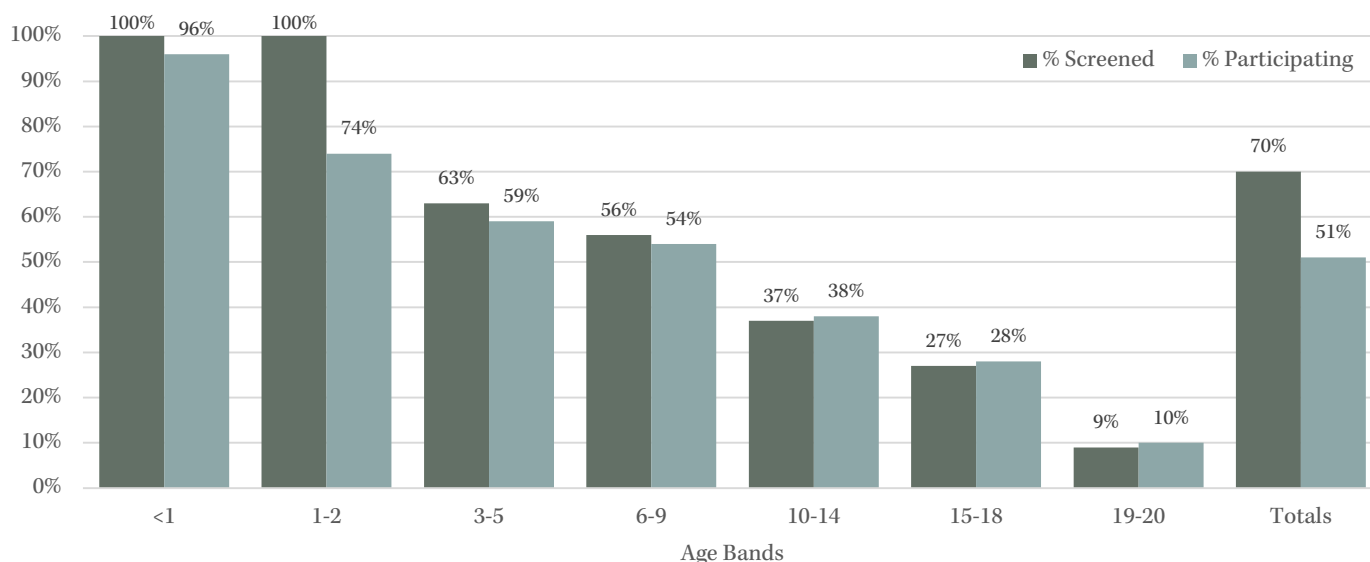
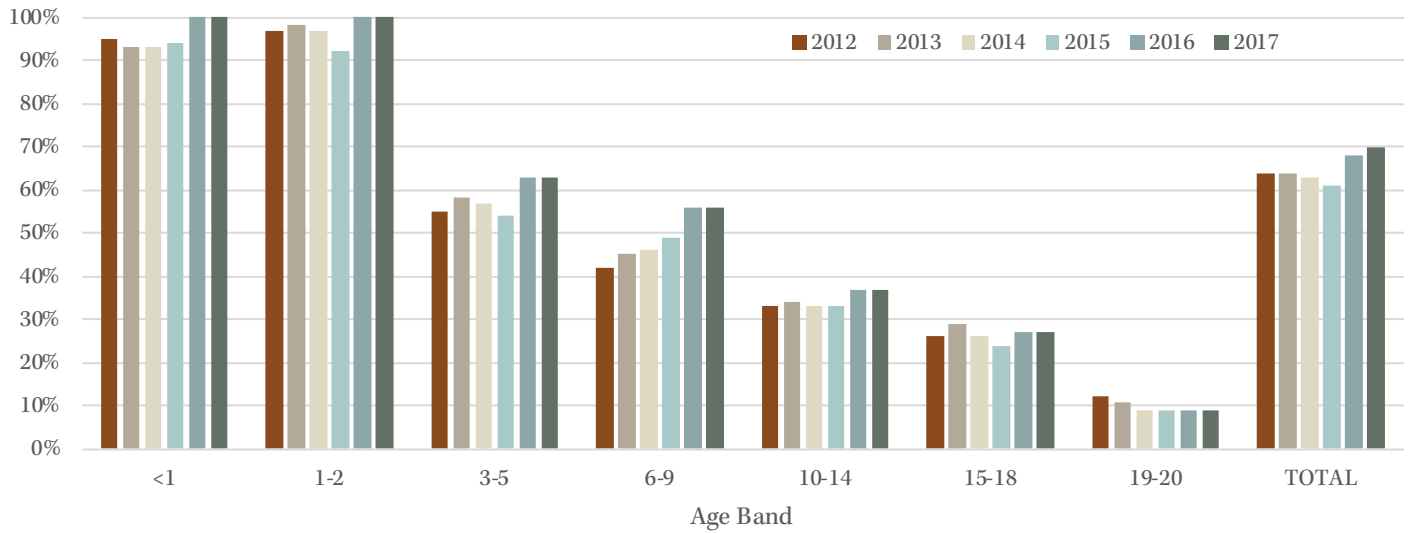


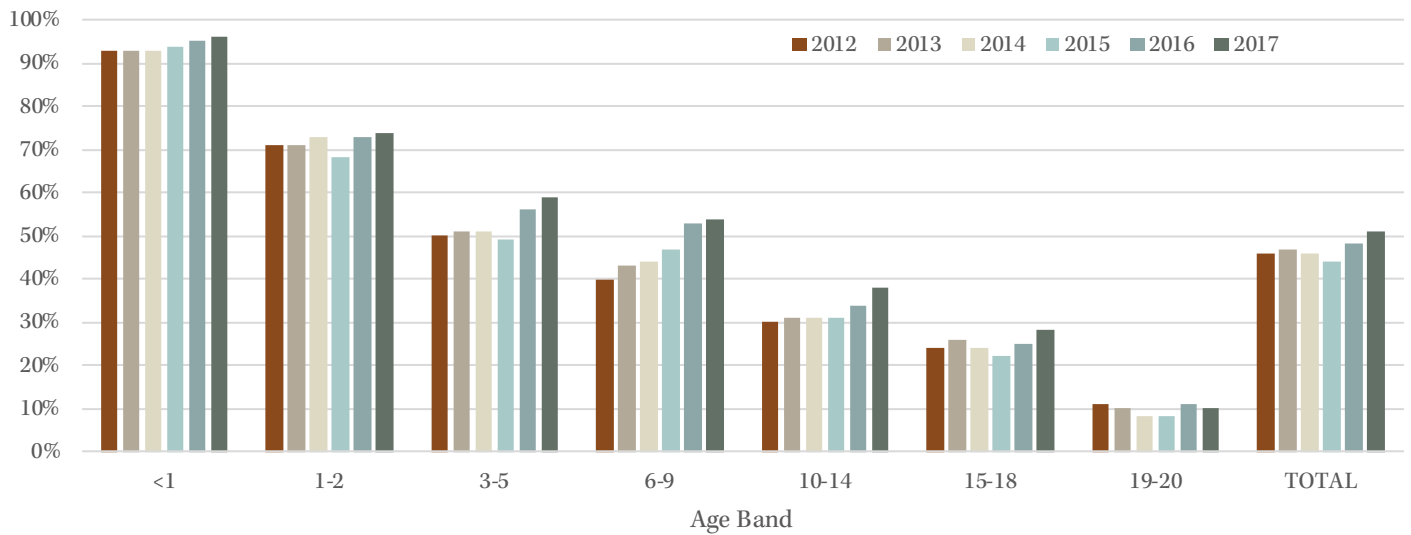
Table 6. EPSDT Rates - History

		FFY					
Age Band	Metric	2012	2013	2014	2015	2016	2017
<1	Eligible individuals with 90 consecutive days of enrollment	2,830	2,753	2,725	2,825	2,784	2,501
	Expected number of total screenings	11,886	11,370	11,445	11,865	11,888	10,679
	Total screenings received	11,269	10,623	10,684	11,120	11,503	10,905
	Screening Ratio	95%	93%	93%	94%	97%	100%
	Total Eligibles Receiving at least One Initial or Periodic	2,639	2,567	2,522	2,663	2,656	2,229
	Participant Ratio	93%	93%	93%	94%	95%	96%
1-2	Eligible individuals with 90 consecutive days of enrollment	7,429	7,204	6,718	6,922	6,467	6,247
	Expected number of total screenings	12,629	12,103	11,824	11,906	10,606	10,120
	Total screenings received	12,263	11,820	11,514	10,897	11,122	10,772
	Screening Ratio	97%	98%	97%	92%	100%	100%
	Total Eligibles Receiving at least One Initial or Periodic	5,282	5,143	4,901	4,733	4,734	3,805
	Participant Ratio	71%	71%	73%	68%	73%	74%
3-5	Eligible individuals with 90 consecutive days of enrollment	10,908	10,500	9,460	9,692	8,886	8,084
	Expected number of total screenings	9,381	8,925	8,325	8,238	7,287	6,791
	Total screenings received	5,203	5,132	4,770	4,466	4,494	4,397
	Screening Ratio	55%	58%	57%	54%	62%	63%
	Total Eligibles Receiving at least One Initial or Periodic	4,659	4,596	4,280	4,017	4,052	2,509
	Participant Ratio	50%	51%	51%	49%	56%	59%
6-9	Eligible individuals with 90 consecutive days of enrollment	11,652	11,947	12,101	12,722	11,575	10,351
	Expected number of total screenings	5,010	5,137	5,324	5,470	4,862	4,347
	Total screenings received	2,124	2,303	2,439	2,671	2,685	2,455
	Screening Ratio	42%	45%	46%	49%	55%	56%
	Total Eligibles Receiving at least One Initial or Periodic	2,003	2,189	2,336	2,546	2,570	1,541
	Participant Ratio	40%	43%	44%	47%	53%	54%
10-14	Eligible individuals with 90 consecutive days of enrollment	11,300	11,447	11,529	12,420	11,768	11,371
	Expected number of total screenings	9,718	9,844	10,146	10,557	9,885	9,665
	Total screenings received	3,202	3,343	3,359	3,508	3,601	3,897
	Screening Ratio	33%	34%	33%	33%	36%	37%
	Total Eligibles Receiving at least One Initial or Periodic	2,945	3,063	3,112	3,224	3,316	2,298
	Participant Ratio	30%	31%	31%	31%	34%	38%
15-18	Eligible individuals with 90 consecutive days of enrollment	7,685	7,661	7,771	8,307	7,746	7,347
	Expected number of total screenings	6,455	6,435	6,761	7,061	6,429	6,171
	Total screenings received	1,703	1,844	1,782	1,664	1,760	1,873
	Screening Ratio	26%	29%	26%	24%	27%	27%
	Total Eligibles Receiving at least One Initial or Periodic	1,560	1,677	1,621	1,551	1,629	1,273
	Participant Ratio	24%	26%	24%	22%	25%	28%
19-20	Eligible individuals with 90 consecutive days of enrollment	2,037	1,962	1,881	2,581	1,852	1,628
	Expected number of total screenings	1,365	1,334	1,467	1,807	1,241	1,074
	Total screenings received	157	145	126	157	150	107
	Screening Ratio	12%	11%	9%	9%	12%	9%
	Total Eligibles Receiving at least One Initial or Periodic	150	136	115	148	137	81
	Participant Ratio	11%	10%	8%	8%	11%	10%
TOTAL	Eligible individuals with 90 consecutive days of enrollment	53,841	53,474	52,185	55,469	51,077	47,529
	Expected number of total screenings	56,444	55,148	55,292	56,904	52,198	48,847
	Total screenings received	35,921	35,210	34,674	34,483	35,596	34,406
	Screening Ratio	64%	64%	63%	61%	68%	70%
	Total Eligibles Receiving at least One Initial or Periodic	19,238	19,371	18,887	18,882	18,803	13,736
	Participant Ratio	46%	47%	46%	44%	48%	51%

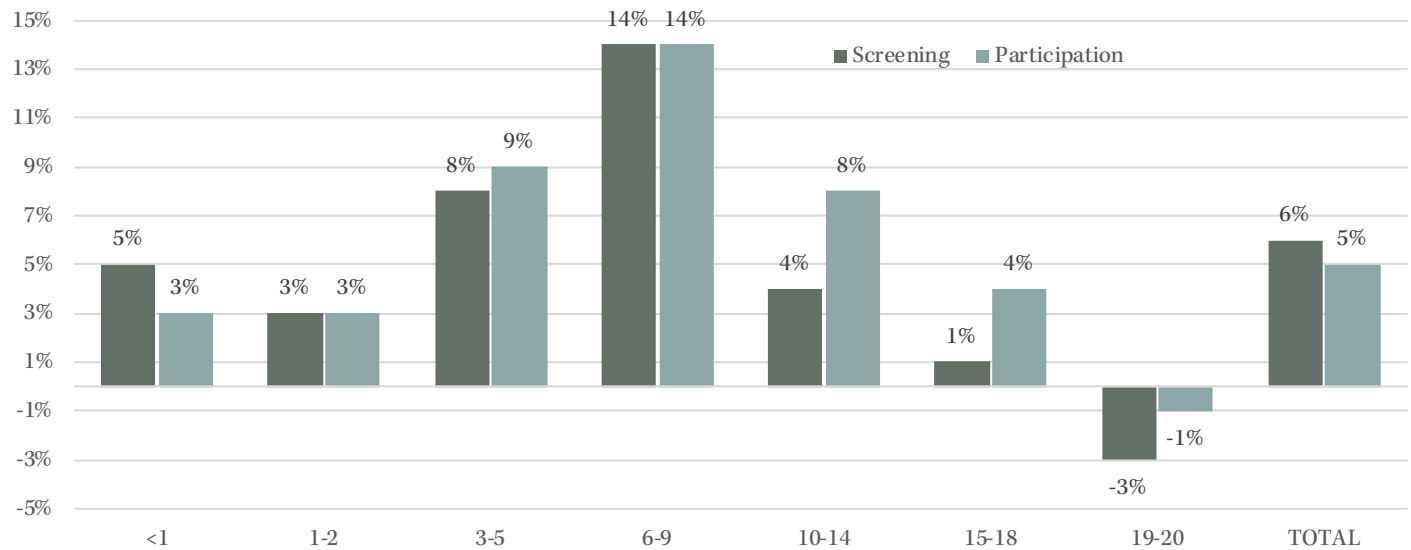
Change in EPSDT Screening Rates by Age Band



Change in EPSDT Participation Rates by Age Band



Five-Year Change in Screening and Participation by Age Band



Child Core Measures

These measures help states track the quality of care and health outcomes. The methodologies for these measures are defined by the Centers for Medicare & Medicaid Services (CMS) each year. These are reported on a calendar year basis for the previous year—i.e. data reported in 2017 uses a measurement year of 2016.

CONTINUOUS ENROLLMENT

For most core measures, CMS requires the eligible population meet continuous enrollment criteria, which is most often defined as those individuals with at least 11 months of enrollment.

AMB-CH: Ambulatory Care - Emergency Department Visits

Rate of emergency department (ED) visits per 1,000 enrollee member months among children, excludes visits for mental health and substance abuse

Table 7. Ambulatory Care - Emergency Department Visit Rates - Children

		2012	2013	2014	2015	2016
Under Age 1	ED Visits	5,244	4,952	4,563	4,288	3,613
	Member Months	43,674	42,347	41,868	40,637	40,012
	Rate	120.1	116.9	109	105.5	90.3
Age 1 to 9	ED Visits	18,623	17,877	16,699	15,244	10,679
	Member Months	308,986	301,465	313,993	290,301	260,057
	Rate	60.3	59.3	53.2	52.5	41.1
Age 10 to 19	ED Visits	12,351	11,374	11,861	10,891	8,120
	Member Months	208,506	208,311	229,199	217,737	198,750
	Rate	59.2	54.6	51.7	50	40.9
Total	ED Visits	36,218	34,203	33,123	31,362	22,412
	Member Months	561,166	552,123	585,060	545,088	498,819
	Rate	64	61.9	56.6	57.5	44.9

APC-CH: Use of Multiple Concurrent Antipsychotics in Children and Adolescents

Percentage of children and adolescents ages 1 to 17 who were on two or more concurrent antipsychotic medications.

Table 8. Use of Multiple Concurrent Antipsychotics in Children and Adolescents

		2012	2013	2014	2015	2016
Age 1 to 5	# with 2+ antipsychotic medications	0	0	0	0	0
	# with continuous enrollment	3	6	14	11	17
	Percentage	0%	0%	0%	0%	0%
Age 6 to 11	# with 2+ antipsychotic medications	6	6	8	6	8
	# with continuous enrollment	189	210	223	219	258
	Percentage	3.2%	2.9%	3.6%	2.7%	3.1%
Age 12 to 17	# with 2+ antipsychotic medications	27	30	36	31	43
	# with continuous enrollment	416	439	453	417	422
	Percentage	6.5%	6.8%	7.9%	7.4%	10.2%
Total	# with 2+ antipsychotic medications	33	36	44	37	51
	# with continuous enrollment	608	655	690	647	697
	Percentage	5.4%	5.5%	6.4%	5.7%	7.3%

AWC-CH: Adolescent Well-Care Visit

Percentage of adolescents ages 12 to 21 who had at least one comprehensive well-care visit during the measurement year.

Table 9. Adolescent Well-Care Visit

	2012	2013	2014	2015	2016
# with well visits	3,360	4,102	4,351	4,014	3,902
# with continuous enrollment	11,237	11,078	13,826	11,733	10,287
Percentage	29.9%	37%	31.5%	34.2%	37.9%

CAP-CH: Children and Adolescent Access to Primary Care Practitioners

Percentage of children and adolescents ages 12 months to 19 years who had at least one visit with a primary care practitioner. Qualifying visits based on revenue codes, procedure codes, and diagnosis codes as defined by CMS.

Table 10. Children and Adolescent Access to Primary Care Practitioners

		2012	2013	2014	2015	2016
12 to 24 months	# with PCP visit	2,760	2,585	3,025	2,301	2,222
	# with continuous enrollment	2,896	2,676	3,293	2,453	2,298
	Percentage	95.3%	96.6%	91.9%	93.8%	96.7%
25 months to 6 years	# with PCP visit	10,591	10,121	10,436	8,688	7,719
	# with continuous enrollment	12,138	11,568	12,809	10,476	8,858
	Percentage	87.3%	87.5%	81.5%	82.9%	87.1%
7 to 11 years	# with PCP visit	7,041	6,990	7,975	7,296	6,744
	# with continuous enrollment	9,313	9,314	11,399	10,016	8,766
	Percentage	75.6%	75%	70.0%	72.8%	76.9%
12 to 19 years	# with PCP visit	8,242	8,275	9,374	8,281	7,820
	# with continuous enrollment	10,501	10,476	12,900	10,972	9,639
	Percentage	78.5%	79%	72.7%	75.5%	81.1%

CCP-CH: Contraceptive Care - Postpartum Women Ages 15-20

Percentage of women (age 15 to 20) with a live birth who were provided the most effective or moderately effective approved methods of contraception or long-acting reversible method of contraception (LARC) within 3 days and 60 days of delivery.

Table 11. Contraceptive Care - Postpartum Women Ages 15-20

		2012	2013	2014	2015	2016
# with a live birth		410	296	291	271	281
Moderately Effective Contraception						
Within 3 days	# with provided contraception	1	1	0	0	1
	Percentage	0.2%	0.3%	0%	0%	0.4%
Within 60 days	# with provided contraception	103	57	65	68	71
	Percentage	25.1%	19.3%	22.3%	25.1%	25.3%
LARC						
Within 3 days	# with provided contraception	0	0	0	0	1
	Percentage	0%	0%	0%	0%	0.4%
Within 60 days	# with provided contraception	100	47	53	57	61
	Percentage	24.4%	15.9%	18.2%	21.0%	21.7%

CIS-CH: Childhood Immunization Status

Percentage of 2-year-old children who met requirements for various childhood vaccinations.

Table 12. Childhood Immunization Status

		2012	2013	2014	2015	2016
# of continuously enrolled children		2,493	2,353	2,395	2,497	1,894
DTaP	# of children immunized	470	466	486	515	465
	Percentage immunized	18.9%	19.8%	20.3%	20.6%	24.6%
IPV	# of children immunized	767	662	699	769	239
	Percentage immunized	30.8%	28.1%	29.2%	30.8%	12.6%
MMR	# of children immunized	957	947	939	985	864
	Percentage immunized	38.4%	40.2%	39.2%	39.4%	45.6%
HiB	# of children immunized	812	739	657	593	472
	Percentage immunized	32.6%	31.4%	27.4%	23.7%	24.9%
Hep B	# of children immunized	2,357	2,214	2,234	2,286	1,654
	Percentage immunized	94.5%	94.1%	93.3%	91.5%	87.3%
VZV	# of children immunized	939	966	923	971	853
	Percentage immunized	37.7%	41.1%	38.5%	38.9%	45.0%
PCV	# of children immunized	503	787	501	531	476
	Percentage immunized	20.2%	33.4%	20.9%	21.3%	25.1%
Hep A	# of children immunized	748	787	840	867	753
	Percentage immunized	30.0%	33.4%	35.1%	34.7%	39.8%
Influenza	# of children immunized	391	445	515	324	527
	Percentage immunized	15.7%	18.9%	21.5%	13.0%	27.8%
RV	# of children immunized	563	527	565	642	318
	Percentage immunized	22.6%	22.4%	23.6%	25.7%	16.8%
Combination 2: DTaP, IPV, MMR, HiB, Hep B, and VZV	# of children immunized	409	416	379	335	109
	Percentage immunized	16.4%	17.7%	15.8%	13.4%	5.8%
Combination 3: combination 2 + PCV	# of children immunized	-	-	-	-	102
	Percentage immunized	-	-	-	-	5.4%
Combination 4: combination 3 + Hep A	# of children immunized	-	-	-	-	84
	Percentage immunized	-	-	-	-	4.4%
Combination 5: combination 3 + RV	# of children immunized	-	-	-	-	91
	Percentage immunized	-	-	-	-	4.8%
Combination 6: combination 3 + Influenza	# of children immunized	-	-	-	-	50
	Percentage immunized	-	-	-	-	2.6%
Combination 7: combination 4 + RV	# of children immunized	-	-	-	-	76
	Percentage immunized	-	-	-	-	4.0%
Combination 8: combination 4 + Influenza	# of children immunized	-	-	-	-	43
	Percentage immunized	-	-	-	-	2.3%
Combination 9: combination 5 + Influenza	# of children immunized	-	-	-	-	49
	Percentage immunized	-	-	-	-	2.6%
All Vaccines	# of children immunized	-	-	-	-	41
	Percentage immunized	-	-	-	-	2.2%

IMA-CH: Immunizations for Adolescents

Percentage of adolescents, 13 years old, who had one dose of meningococcal vaccine, one Tdap or one Td vaccine, and HPV before their 13th birthday. A rate is calculated for each vaccine separately, as well as the combinations. Note: HPV was added to the measure for 2016 and therefore will not have data for previous years.

Table 13. Immunizations for Adolescents

		2012	2013	2014	2015	2016
# Continuously Enrolled Adolescents		1,515	1,521	1,745	1,583	1,490
Meningococcal	# vaccinated	325	327	358	363	344
	Percentage	21.5%	21.5%	20.5%	22.9%	23.1%
Tdap or Td	# vaccinated	468	514	750	626	607
	Percentage	30.9%	33.8%	43%	39.5%	40.7%
Both	# vaccinated	265	266	317	311	300
	Percentage	17.5%	17.5%	18.2%	19.6%	20.1%
HPV	# vaccinated	-	-	-	-	80
	Percentage	-	-	-	-	5.4%
All Vaccines	# vaccinated	-	-	-	-	57
	Percentage	-	-	-	-	3.8%

W15-CH: Well-Child Visits in the First 15 Months of Life

Percentage of children who turned 15 months old during the measurement year and had the following number of well-child visits during their first 15 months of life.

Table 14. Well-Child Visits in the First 15 Months of Life

		2012	2013	2014	2015	2016
# Continuously Enrolled Adolescents				2,752	2,757	2,044
0 Visits	# of children			122	158	65
	Percentage			4.4%	5.7%	3.2%
1 Visit	# of children			126	167	87
	Percentage			4.6%	6.1%	4.3%
2 Visits	# of children			159	216	130
	Percentage			5.8%	7.8%	6.4%
3 Visits	# of children	-	-	295	283	184
	Percentage	-	-	10.7%	10.3%	9%
4 Visits	# of children	-	-	495	442	262
	Percentage	-	-	18%	16%	12.8%
5 Visits	# of children			731	664	588
	Percentage			26.6%	24.1%	28.8%
6 or More Visits	# of children			824	827	728
	Percentage			29.9%	30%	35.6%

W34-CH: Well-Child Visits in the 3rd, 4th, 5th, and 6th Years of Life

Percentage of children ages 3 to 6 who had one or more well-child visits during the measurement year.

Table 15. Well-Child Visits in the 3rd, 4th, 5th, and 6th Years of Life

	2012	2013	2014	2015	2016
# of children with well-visit	5,087	4,85	4,812	4,194	3,837
# with continuous enrollment	9,903	9,465	10,409	8,466	7,233
Percentage	51.4%	51.3%	46.2%	49.5%	53%

Adult Core Measures

These measures help states track the quality of care and health outcomes. The methodologies for these measures are defined by the Centers for Medicare & Medicaid Services (CMS) each year. These are reported on a calendar year basis for the previous year—i.e. data reported in 2017 uses a measurement year of 2016.

CCP-AD: Contraceptive Care - Postpartum Women Ages 21-44

Percentage of women (age 21 to 44) with a live birth who were provided the most effective or moderately effective approved methods of contraception or long-acting reversible method of contraception (LARC) within 3 days and 60 days of delivery.

Table 16. Contraceptive Care - Postpartum Women Ages 21-44

		2012	2013	2014	2015	2016
# with a live birth		1,610	1,561	1,360	1,434	1,419
Moderately Effective Contraception						
Within 3 days	# with provided contraception	181	190	123	138	162
	Percentage	11.2%	12.2%	9.0%	9.6%	11.4%
Within 60 days	# with provided contraception	342	301	250	242	253
	Percentage	21.2%	19.3%	18.4%	16.9%	17.8%
LARC						
Within 3 days	# with provided contraception	0	0	0	1	1
	Percentage	0%	0%	0%	0.1%	0.1%
Within 60 days	# with provided contraception	279	217	183	199	208
	Percentage	17.3%	13.9%	13.5%	13.9%	14.7%

OHD-AD: Use of Opioids at High Dosage in Persons without Cancer

Rate per 1,000 Medicaid beneficiaries age 18 and older without cancer who received prescriptions for opioids with a daily dosage greater than 120 morphine milligram equivalents (MME) for 90 consecutive days or longer. Patients in hospice are also excluded. Rate is calculated as # with high-dose / (# with high-dose + # with opioid prescription) * 1000.

Table 17. Use of Opioids at High Dosage in Persons without Cancer

		2012	2013	2014	2015	2016
Age 18-64	# with high-dose opioid prescription	97	105	96	79	67
	# with opioid prescription	3,041	3,046	2,811	2,501	2,453
	Rate per 1,000	30.91	33.32	33.02	30.62	26.59
Age 65+	# with 2+ antipsychotic medications	1	0	0	0	0
	# with opioid prescription	38	45	38	33	38
	Rate per 1,000	25.64	0	0	0	0

PPC-AD: Prenatal and Postpartum Care - Postpartum Care

Percentage of deliveries of live births that had a postpartum visit on or between 21 and 56 days after delivery.

Table 18. Prenatal and Postpartum Care - Postpartum Care

	2012	2013	2014	2015	2016
# who received postpartum care	888	620	328	414	407
# of live births	2,371	2,156	1,414	1,790	1,884
Percentage	37.5%	28.8%	23.2%	23.1%	21.6%

PQI01-AD: Diabetes Short-Term Complications Admission Rate

Rate of inpatient hospital admissions for diabetes short-term complications per 100,000 enrollee months

Table 19. Diabetes Short-Term Complications Admission Rate

		2012	2013	2014	2015	2016
Age 18-64	# of Inpatient Admissions	27	26	30	48	44
	Member Months	241,022	236,910	267,296	272,824	257,687
	Rate	11.2	11.0	11.2	17.6	17.1
Age 65+	# of Inpatient Admissions	0	0	0	0	0
	Member Months	62,167	63,620	66,046	63,809	65,586
	Rate	0	0	0	0	0

PQI05-AD: COPD or Asthma in Older Adults Admission Rate

Rate of inpatient hospital admissions for COPD or asthma per 100,000 enrollee months

Table 20. COPD or Asthma in Older Adults Admission Rate

		2012	2013	2014	2015	2016
Age 40-64	# of Inpatient Admissions	20	19	23	34	60
	Member Months	89,767	90,215	96,775	98,536	98,955
	Rate	22.3	21.1	23.8	34.5	60.6
Age 65+	# of Inpatient Admissions	3	3	2	3	3
	Member Months	62,170	63,620	66,046	63,809	65,586
	Rate	4.8	4.7	3	4.7	4.6

PQI08-AD: Heart Failure Admission Rate

Rate of inpatient hospital admissions for heart failure per 100,000 enrollee months

Table 21. Heart Failure Admission Rate

		2012	2013	2014	2015	2016
Age 18-64	# of Inpatient Admissions	18	20	16	13	12
	Member Months	241,022	236,910	267,296	272,824	257,687
	Rate	7.5	8.4	6	4.8	4.7
Age 65+	# of Inpatient Admissions	1	1	0	1	0
	Member Months	62,170	63,620	66,046	63,809	65,586
	Rate	1.6	1.6	0	1.6	0

PQI15-AD: Asthma in Younger Adults Admission Rate

Rate of inpatient hospital admissions for asthma in younger adults per 100,000 enrollee months

Table 22. Asthma in Younger Adults Admission Rate

		2012	2013	2014	2015	2016
# of Inpatient Admissions		13	11	12	11	7
Member Months		151,255	146,695	170,580	174,397	158,732
Rate		8.6	7.5	7	6.3	4.4



APPENDIX A: AMERICAN INDIAN HEALTH

This section focuses on the overall health of the Wyoming Medicaid American Indian population in SFY 2017.

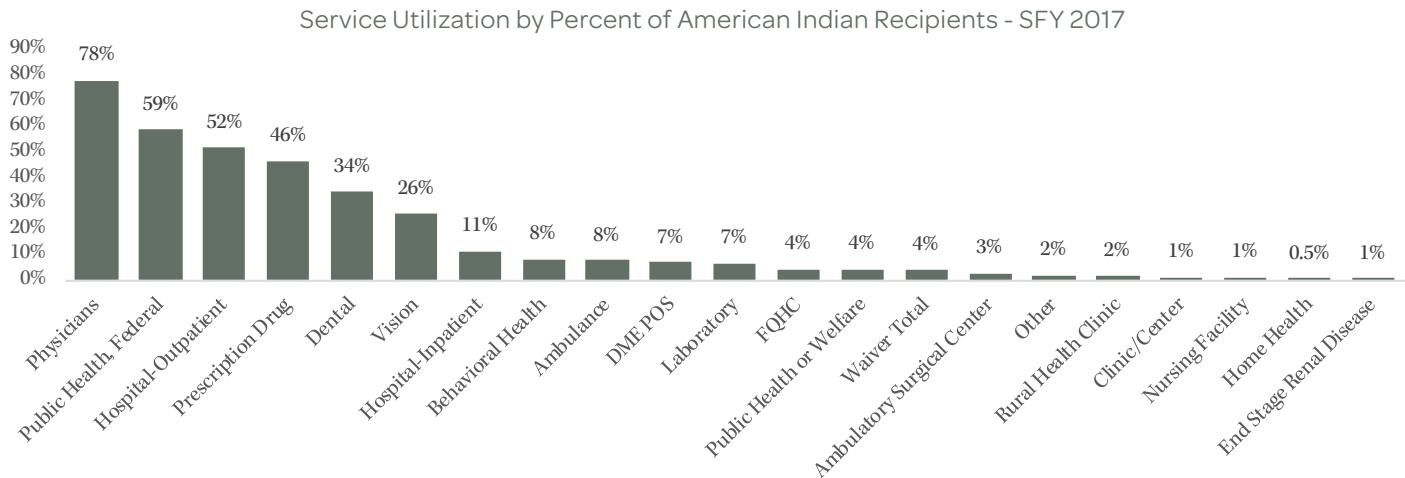
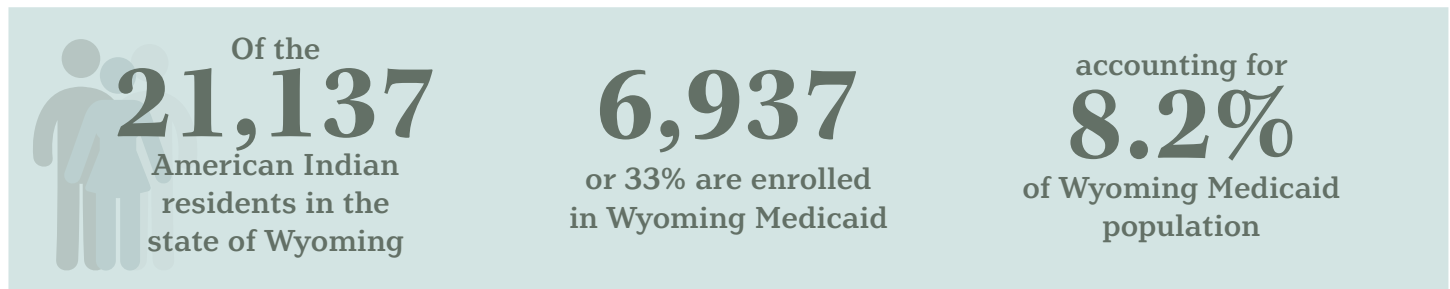


Table 23. Service Utilization History by Percent of American Indian Recipients

	SFY 2012	SFY 2013	SFY 2014	SFY 2015	SFY 2016	SFY 2017
Ambulance	7%	7%	8%	8%	7%	8%
Ambulatory Surgical Center	2%	2%	2%	2%	2%	3%
Behavioral Health	7%	7%	9%	11%	11%	8%
Care Management Entity (CME)	0%	0%	0%	0%	0.2%	0.3%
Clinic/Center	6%	1%	1%	1%	1%	1%
Dental	0%	6%	6%	6%	7%	7%
DME, Prosthetics/Orthotics and Supplies	24%	26%	29%	30%	34%	34%
End Stage Renal Disease	0%	0%	0%	0%	1%	1%
Federally Qualified Health Centers	1%	3%	3%	4%	4%	4%
Home Health	0.3%	0.4%	0.4%	0.6%	0.7%	0.5%
Hospice	0.1%	0.2%	0.2%	0.2%	0.3%	0.1%
Hospital Total	57%	59%	57%	58%	56%	53%
Hospital-Inpatient	15%	15%	14%	11%	12%	11%
Hospital-Outpatient	54%	56%	54%	56%	54%	52%
Intermediate Care Facility-ID	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%
Laboratory	8%	9%	9%	8%	8%	7%
Nursing Facility	1%	1%	1%	1%	1%	1%
Other	1%	1%	1%	1%	1%	2%
PACE	0%	0%	0%	0%	0%	0%
PRTF	0.3%	0.3%	0.4%	0.4%	0.4%	0.3%
Physician & Other Practitioner	77%	77%	76%	77%	76%	78%
Prescription Drug	49%	46%	44%	43%	43%	46%
Public Health or Welfare	3%	4%	4%	4%	4%	4%
Public Health, Federal	62%	61%	59%	58%	59%	59%
Rural Health Clinic	1%	2%	2%	1%	1%	2%
Vision	20%	20%	21%	21%	24%	26%
Waivers	3%	4%	4%	4%	4%	4%

American Indian Population Health

6,190

American Indians
received a service
during SFY 2017

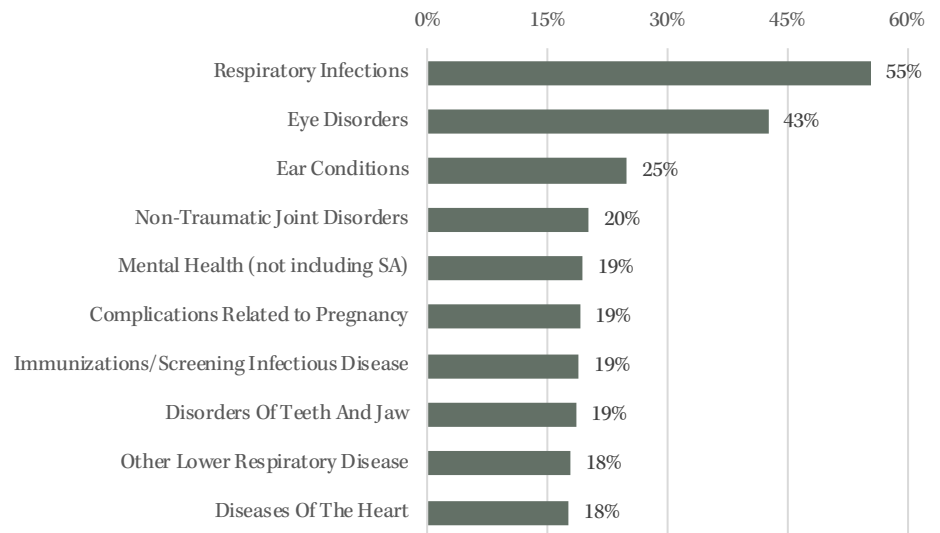
89%

of enrolled American
Indians received a
service during SFY 2017

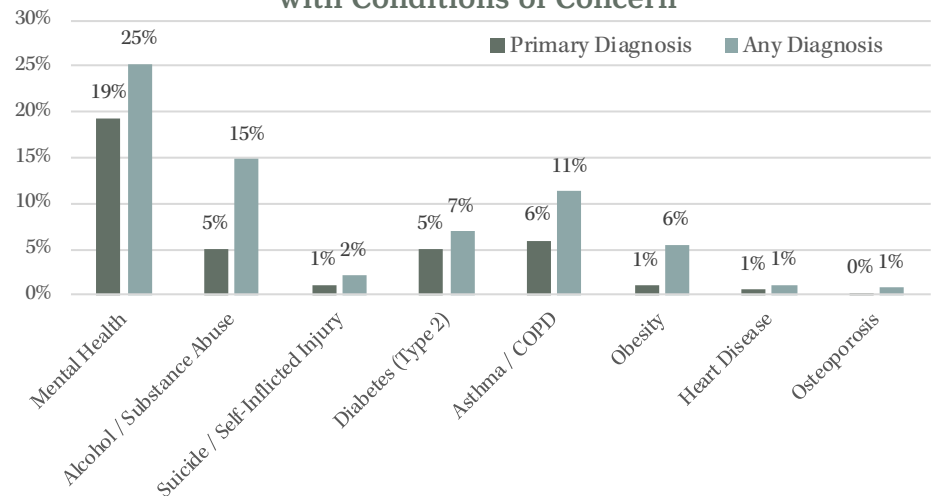
CONDITIONS OF CONCERN

- Mental health
- Alcohol and Substance Abuse
- Suicide and Intentional Self-Inflicted Injury
- Diabetes
- Asthma and COPD
- Obesity
- Heart Disease
- Osteoporosis

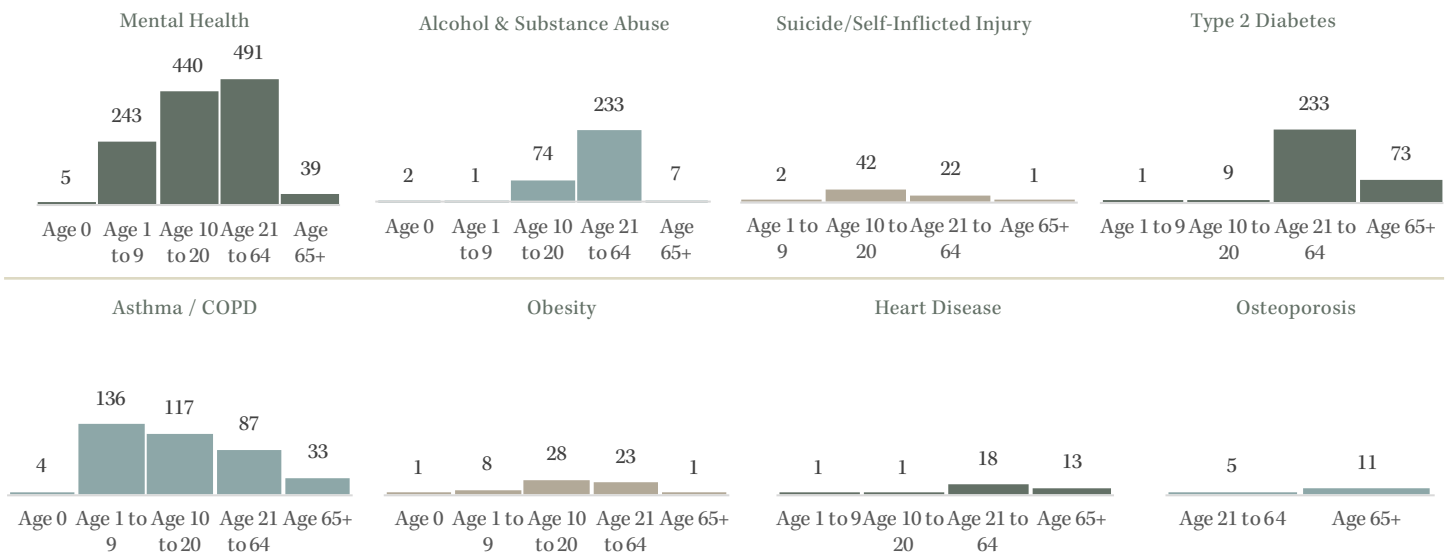
Top Primary Diagnoses by Percentage of American Indian Recipients



Percentage of American Indian Recipients with Conditions of Concern

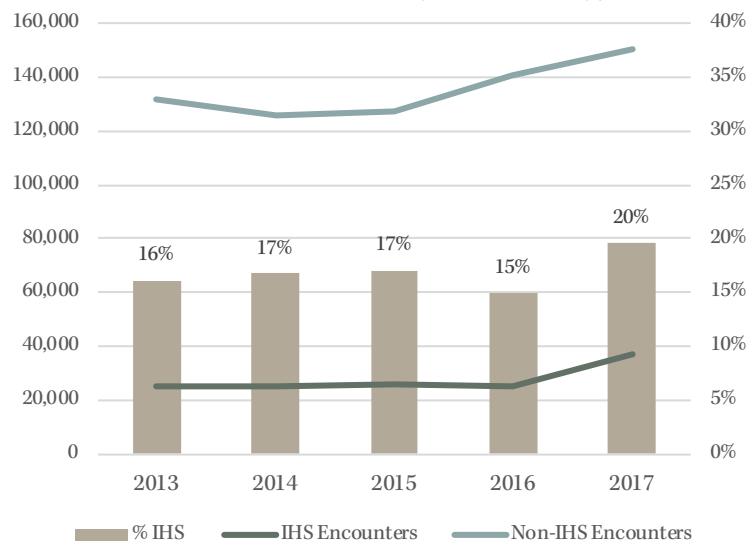


Distribution of Conditions of Concern by Age Range (Primary Diagnosis)



American Indian Utilization

American Indian Encounters by Provider Type - History



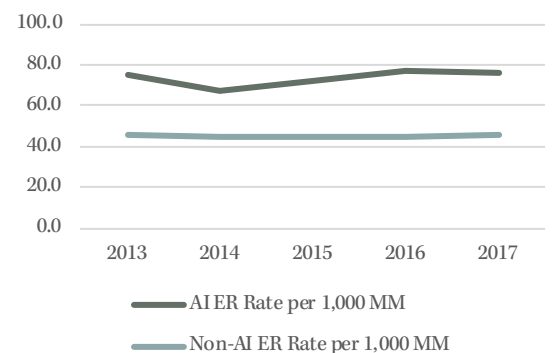
In March 2017 a State Plan Amendment was approved by CMS for IHS/638 facilities to increase the number of encounters they could bill in a day, increase allowable pharmacy encounters, and change the End Stage Renal Disease clinic from fee-for-service to an encounter rate methodology. These changes were applied retroactively to October 1, 2016.

Data for American Indian and Non-American Indian is only available through SFY 2013 due to limitations in the data prior.

Table 24. American Indian Emergency Room Rate History

	SFY 2013	SFY 2014	SFY 2015	SFY 2016	SFY 2017
American Indian					
Member Months (MM)	70,408	71,174	73,886	66,776	66,425
Emergency Room (ER) Visits	5,260	4,765	5,337	5,158	5,061
ER Rate per 1,000 MM	74.7	66.9	72.2	77.2	76.2
Non American-Indian					
Member Months (MM)	757,330	767,886	819,274	748,342	716,708
Emergency Room (ER) Visits	34,417	34,464	36,886	33,816	32,953
ER Rate per 1,000 MM	45.4	44.9	45.0	45.2	46.0

American Indian vs Non-American Indian Emergency Room Rates per 1,000 Member Months



American Indian vs Non-American Indian Hospital Inpatient Admin Rates per 1,000 Member Months

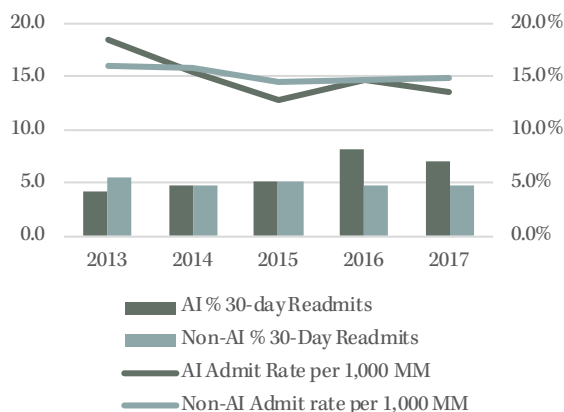


Table 25. Hospital Inpatient Admit Rate History

	SFY 2013	SFY 2014	SFY 2015	SFY 2016	SFY 2017
American Indian					
Member Months (MM)	70,408	71,174	73,886	66,776	66,425
Inpatient Admits	1,307	1,104	945	980	904
Rate per 1,000 MM	18.6	15.5	12.8	14.7	13.6
30-Day Readmissions	55	52	48	79	63
% Readmit	4.2%	4.7%	5.1%	8.1%	7.0%
Non-American Indian					
Member Months (MM)	757,330	767,886	819,274	748,342	716,708
Inpatient Admits	12,127	12,124	11,854	10,933	10,665
Rate per 1,000 MM	16.0	15.8	14.5	14.6	14.9
30-Day Readmissions	676	571	600	517	509
% Readmit	5.6%	4.7%	5.1%	4.7%	4.8%

American Indian Care Quality Measures

CAP-CH: Children and Adolescent Access to Primary Care Practitioners for American Indians
 Percentage of children and adolescents ages 12 months to 19 years who had at least one visit with a primary care practitioner. Qualifying visits based on revenue codes, procedure codes, and diagnosis codes as defined by CMS.

Table 26. Children and Adolescent Access to Primary Care Practitioners for American Indians

		2013	2014	2015	2016
12 to 24 months	# with PCP visit	205	194	101	103
	# with continuous enrollment	258	260	168	155
	Percentage	79.5%	74.6%	60.1%	66.5%
25 months to 6 years	# with PCP visit	866	879	716	630
	# with continuous enrollment	1,073	1,173	932	797
	Percentage	80.7%	74.9%	76.8%	79.0%
7 to 11 years	# with PCP visit	688	779	703	640
	# with continuous enrollment	930	1,083	896	826
	Percentage	74.0%	71.9%	78.5%	77.5%
12 to 19 years	# with PCP visit	675	790	715	683
	# with continuous enrollment	956	1,181	1,016	920
	Percentage	70.6%	66.9%	70.4%	74.2%

Children and Adolescent Access to Primary Care Practitioners American Indians versus All Medicaid

