

Codes used to define each of the five types of utilization outcomes

Outcome	Codes
Hospitalization	CPT procedure codes 99217-99226, 99231-99236, 99238, 99239, 99251-99255
Emergency Department (ED)	CPT procedure codes 99281-99288
Office visit	CPT procedure codes 99201-99205, 99211-99215
High-acuity mental health or substance use disorder services	CCS diagnosis categories 660, 650, 651, 656, 657, 658, 659, 661, 662, 670 OR CCS procedure categories 218, 219 AND Encounter meets criteria for hospitalization OR ED
Low-acuity mental health or substance use disorder services	CCS diagnosis categories 660, 650, 651, 656, 657, 658, 659, 661, 662, 670 OR CCS procedure categories 218, 219 AND Encounter is not a hospitalization OR ED

Supplement Table 1. Utilization for those released in 2016 or before

Utilization	Total (N= 8,534 releases)		Early enrollment (N= 3,863 releases)		Late enrollment (N= 4,672 releases)		p
	N	%	N	%	N	%	
■ All-cause emergency department encounter	4,131	48.4	1,811	46.9	2,320	49.7	.010
■ All-cause hospitalization	668	7.8	337	8.7	331	7.1	.005
■ All outpatient	4,392	51.5	2,194	56.8	2,198	47.1	<.001
■ Subacute behavioral health encounter	3,062	35.9	1,468	38.0	1,594	34.1	<.001
■ Acute behavioral health encounter	1,538	18.0	666	17.2	872	18.7	.088
■ Any utilization	6,688	78.4	3,094	80.1	3,594	76.9	<.001
First service type ^a							
■ All-cause emergency department	2,880	40.9	1,202	36.6	1,678	44.7	<.001
■ All-cause hospitalization	161	2.3	90	2.7	71	1.9	.018
■ Outpatient	2,538	36.0	1,252	38.1	1,286	34.3	.001
■ Subacute behavioral health encounter	1,898	26.9	838	25.5	1,060	28.2	.009
■ Acute behavioral health encounter	640	9.1	252	7.7	388	10.3	<.001

^a First service type utilization relies on a smaller denominator of those with any utilization. Denominators for first service type measures also vary slightly depending on data availability.

Supplement Table 2. Utilization for those released after 2016

Utilization	Total (N= 7,913 releases)		Early enrollment (N= 5,498 releases)		Late enrollment (N= 2,415 releases)		p
	N	%	N	%	N	%	
■ All-cause emergency department encounter	3,686	46.6	2,517	45.8	1,169	48.4	.031
■ All-cause hospitalization	513	6.5	340	6.2	173	7.2	.103
■ All outpatient	4,344	54.9	3,007	54.7	1,337	55.4	.581
■ Subacute behavioral health encounter	3,502	44.3	2,422	44.1	1,080	44.7	.582
■ Acute behavioral health encounter	1,653	20.9	1,093	19.9	560	23.2	.001
■ Any utilization	6,579	83.1	4,538	82.5	2,041	84.5	.031
First service type ^a							
■ All-cause emergency department	2,507	36.3	1,751	36.9	756	35.1	.165
■ All-cause hospitalization	97	1.4	72	1.5	25	1.2	.247
■ Outpatient	2,567	37.2	1,743	36.7	824	38.3	.205
■ Subacute behavioral health encounter	2,329	33.7	1,565	32.9	764	35.5	.038
■ Acute behavioral health encounter	780	11.3	524	11.0	256	11.9	.294

^a First service type utilization relies on a smaller denominator of those with any utilization. Denominators for first service type measures also vary slightly depending on data availability.