## Online supplement for 10.1176/appi.ps.202200035

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 montal health or substance use	
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

Total (N= 8.534 releases)		Early enrollment (N= 3.863 releases)		Late enrollment (N= 4,672 releases)		
N	%	N	%	N	%	p
4,131	48.4	1,811	46.9	2,320	49.7	.010
668	7.8	337	8.7	331	7.1	.005
4,392	51.5	2,194	56.8	2,198	47.1	<.001
3,062	35.9	1,468	38.0	1,594	34.1	<.001
1,538	18.0	666	17.2	872	18.7	.088
6,688	78.4	3,094	80.1	3,594	76.9	<.001
2,880	40.9	1,202	36.6	1,678	44.7	<.001
161	2.3	90	2.7	71	1.9	.018
2,538	36.0	1,252	38.1	1,286	34.3	.001
1,898	26.9	838	25.5	1,060	28.2	.009
640	9.1	252	7.7	388	10.3	<.001
	(N= 8,53 N 4,131 668 4,392 3,062 1,538 6,688 2,880 161 2,538 1,898	N       %         4,131       48.4         668       7.8         4,392       51.5         3,062       35.9         1,538       18.0         6,688       78.4         2,880       40.9         161       2.3         2,538       36.0         1,898       26.9	(N= 8,534 releases)       (N= 3,86)         N       %       N         4,131       48.4       1,811         668       7.8       337         4,392       51.5       2,194         3,062       35.9       1,468         1,538       18.0       666         6,688       78.4       3,094         2,880       40.9       1,202         161       2.3       90         2,538       36.0       1,252         1,898       26.9       838	(N=8,534 releases)       (N=3,863 releases)         N       %       N       %         4,131       48.4       1,811       46.9         668       7.8       337       8.7         4,392       51.5       2,194       56.8         3,062       35.9       1,468       38.0         1,538       18.0       666       17.2         6,688       78.4       3,094       80.1         2,880       40.9       1,202       36.6         161       2.3       90       2.7         2,538       36.0       1,252       38.1         1,898       26.9       838       25.5	(N=8,534 releases)       (N=3,863 releases)       4,672 releases)         N       %       N       %         A,131       48.4       1,811       46.9       2,320         668       7.8       337       8.7       331         4,392       51.5       2,194       56.8       2,198         3,062       35.9       1,468       38.0       1,594         1,538       18.0       666       17.2       872         6,688       78.4       3,094       80.1       3,594         2,880       40.9       1,202       36.6       1,678         161       2.3       90       2.7       71         2,538       36.0       1,252       38.1       1,286         1,898       26.9       838       25.5       1,060	(N= 8,534 releases)         (N= 3,863 releases)         4,672 releases)           N         %         N         %           4,131         48.4         1,811         46.9         2,320         49.7           668         7.8         337         8.7         331         7.1           4,392         51.5         2,194         56.8         2,198         47.1           3,062         35.9         1,468         38.0         1,594         34.1           1,538         18.0         666         17.2         872         18.7           6,688         78.4         3,094         80.1         3,594         76.9           2,880         40.9         1,202         36.6         1,678         44.7           161         2.3         90         2.7         71         1.9           2,538         36.0         1,252         38.1         1,286         34.3           1,898         26.9         838         25.5         1,060         28.2

<sup>&</sup>lt;sup>a</sup> 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

	Total (N= 7,913 releases)		Early enrollment (N= 5,498 releases)		Late enrollment (N= 2,415 releases)		
Utilization	N	%	N	%	N	%	p
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 <sup>a</sup>							
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
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<sup>&</sup>lt;sup>a</sup> 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.