

Sixteen State Pilot Study
State Mental Health Agency Performance Measures
Indicator Q11
Readmission to Any State Hospital Within 30/180 Days of Discharge

Definition

Computation

State-by-State Specifications

Data Provided by Participating States

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Indicator Q11.

Readmission to Any State Hospital Within 30/180 Days of Discharge

I. Definition

Measure: The total number of admissions to any state psychiatric inpatient care that occurred within 30 /180 days of a discharge from a psychiatric inpatient care during the past year divided by the total number of discharges during the year.

Numerator: The number of episodes of readmission to a psychiatric hospital within 30/180 days of being discharged during the year. Readmission is defined as returned to any state hospital without contingency; this would exclude those who were not discharged, including on leave, visits, leaves without consent, and elopements.

Denominator: The total number of discharges from a psychiatric hospital (not unduplicated by episode). Discharged is defined as released from the hospital without contingency; this would exclude those who are released on leave, including visits, leaves without consent and transfers. (Note: This will mean that the number in the numerator will be based on re-admissions in a 13-month period for 30 days and 18-month period for 180 days.)

II. Computation:

Percent readmitted are derived by dividing the number of episodes of readmission by the total number of discharges during a year of the state. Percent readmitted are presented for the state as a whole, and for age (less than 18, 18-64, and 65+), gender (male, female), race (White, Black, Hispanic, Asian/ Pacific islander, and Native American), and diagnosis (adult SMI, adult Non-SMI, children SMI, and children Non-SMI) categories.

III. State by State Specifications

Arizona: Figures include forensic and substance abuse population. The state has one state hospital with 335 licensed beds. Primary Diagnosis is taken from the latest assessment available or at closure.

Colorado: Figures include substance abuse population (supposed to be primary mental health diagnosis). Figures do not include forensic population.

Connecticut: Figures include forensic population. Data includes re-admissions to mental health units after a discharge from the mental health treatment unit. The forensic patients - i.e. those for whom the state DMHAS is responsible by state statues - are included. The re-admissions from or to substance abuse units are excluded.

District of Columbia: Figures include forensic population but not substance abuse population.

Illinois: Figures include forensic population. Includes individuals with a co-occurring substance abuse disorder but does not includes individuals with a co-occurring developmental disability.

Indiana: Figures include forensic and substance abuse population.

Missouri: Figures include forensic and substance abuse population.

New York: Figures include forensic population but not substance abuse population.

Oklahoma: Figures do not include forensic or substance abuse population.

Rhode Island: Figures include forensic and substance abuse population. The state hospital provides data on forensic patients, but the SMHA-contracted beds in a private hospital do not provide that type of data. Both settings do include a small subset of the substance abuse population (all those patients admitted with an AXI1 diagnosis of Substance Abuse).

South Carolina: Figures do not include forensic or substance abuse population.

Texas: Figures include the forensic population, a special research population, and some persons with mental retardation. Substance abuse population were included only if dually diagnosed with a mental illness.

Utah: Figures include forensic and substance abuse population.

Virginia: Figures include substance abuse population but does not include forensic population. Also included are individuals with MR Dx - but they must have a MH Dx and be in a state hospital.

Vermont: Figures include forensic and substance abuse population.

Washington: Figures include forensic. Do not officially admit for substance abuse, but do receive a lot of cases that are later determined to include substance abuse. Also include some dual diagnosis with DD and MH.

**Indicator Q11 – Readmission Within 30/180 Days Of Discharge
To Any State Hospital**

<u>State</u>	<u>Total Discharged</u>	<u>Total Readmitted Within 30 Days</u>		<u>Total Readmitted Within 180 Days</u>	
	N	N	(%)	N	(%)
AZ	436	51	11.70	74	16.97
CO	2140	167	7.80	371	17.34
CT	2371	280	11.81	558	23.53
DC	2067	228	11.03	604	29.22
IL	9806	1331	13.57	2804	28.59
IN	1161	4	0.34	36	3.10
MO	13726	982	7.15	2314	16.86
NY	7876	529	6.72	1460	18.54
OK	3279	287	8.75	685	20.89
RI	444	38	8.56	59	13.29
SC	7753	725	9.35	1637	21.11
TX	14923	1401	9.39	2165	14.51
UT	405	12	2.96	41	10.12
VA	4053	272	6.71	697	17.20
VT	222	15	6.76	40	18.02
WA	2470	95	3.85	348	14.09
TOTAL	73132	6417	8.75	13893	19.00

FY 1998 - CT
FY 2000 - CO, DC, IL, IN, MO, RI, SC, TX, UT, VA, VT, WA
CY 2000 - AZ, NY, OK

**Indicator Q11 – Readmission Within 30/180 Days Of Discharge To Any State Hospital
By Gender**

State	Discharged By Gender		Readmitted By Gender Within 30 Days				Readmitted By Gender Within 180 Days			
	Male Discharged	Female Discharged	Male Readmitted		Female Readmitted		Male Readmitted		Female Readmitted	
	N	N	N	(%)	N	(%)	N	(%)	N	(%)
AZ	339	97	29	8.56	22	22.68	44	12.98	30	30.93
CO	1226	914	103	8.40	64	7.00	227	18.52	144	15.76
CT	1481	889	177	11.95	103	11.58	349	23.57	209	23.50
DC	1157	910	150	12.96	78	8.57	366	31.63	238	26.15
IL	6355	3451	889	13.99	442	12.81	1851	29.13	953	27.62
IN	791	370	4	0.51	0	0.00	24	3.03	12	3.24
MO	9053	4673	592	6.54	390	8.35	1443	15.94	871	18.64
NY	5204	2672	317	6.09	212	7.93	928	17.83	532	19.91
OK	1939	1340	164	8.46	123	9.18	407	20.99	278	20.75
RI	276	168	26	9.42	12	7.14	41	14.86	18	10.71
SC	4563	3190	448	9.82	277	8.68	1031	22.59	606	19.00
TX	6486	8437	594	9.16	807	9.57	918	14.15	1247	14.78
UT	245	160	8	3.27	4	2.50	24	9.80	17	10.63
VA	2330	1723	147	6.31	125	7.26	408	17.51	289	16.77
VT	159	63	7	4.40	8	12.70	19	11.95	21	33.33
WA	1710	760	52	3.04	43	5.66	224	13.10	124	16.32
TOTAL	43314	29817	3707	8.56	2710	9.09	8304	19.17	5589	18.74

FY 1998 - CT
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Indicator Q11 – Readmission Within 30/180 Days Of Discharge To Any State Hospital By Race

State	Discharged By Race					Readmitted By Race Within 30 Days										Readmitted By Race Within 180 Days									
	White	Black	Hisp.	Asian/ P.I.	Nat. Am.	White		Black		Hisp.		Asian/ P.I.		Nat. Am.		White		Black		Hisp.		Asian/ P.I.		Nat. Am.	
	N	N	N	N	N	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
AZ	232	75	97	3	28	31	13.36	7	9.33	9	9.28	0	0.00	4	14.29	41	17.67	9	12.00	18	18.56	1	33.33	5	17.86
CO	1545	204	351	21	12	122	7.90	18	8.82	23	6.55	3	14.29	0	0.00	273	17.67	34	16.67	56	15.95	6	28.57	1	8.33
CT	1295	591	353	23	4	173	13.36	55	9.31	43	12.18	3	13.04	0	0.00	305	23.55	150	25.38	85	24.08	6	26.09	0	0.00
DC	210	1708	86	22	4	19	9.05	195	11.42	5	5.81	7	31.81	0	0.00	43	20.48	521	30.50	21	24.42	10	45.45	0	0.00
IL	5062	3894	674	111	16	700	13.83	555	14.25	55	8.16	14	12.61	1	6.25	1420	28.05	1204	30.92	140	20.77	23	20.72	3	18.75
IN	923	210	17	5	3	3	0.33	1	0.48	0	0.00	0	0.00	0	0.00	27	2.93	7	3.33	2	11.76	0	0.00	0	0.00
MO	9169	4070	134	57	63	572	6.24	357	8.77	19	14.18	9	15.79	12	19.05	1332	14.53	873	21.45	38	28.36	20	35.09	16	25.40
NY	3585	2706	1258	168	28	259	7.23	175	6.47	79	6.28	9	5.36	4	14.29	659	18.38	525	19.40	239	18.90	23	13.69	6	21.43
OK	2580	403	46	21	229	236	9.15	30	7.44	19	41.30	1	4.76	1	0.44	546	21.16	88	21.84	43	93.48	2	9.52	6	2.62
RI	349	40	2	2	0	31	8.88	1	2.50	0	0.00	0	0.00	0	0.00	48	13.76	4	10.00	0	0.00	0	0.00	0	0.00
SC	3061	4504	46	63	29	374	12.22	334	7.42	8	17.39	5	7.94	1	3.45	870	28.42	741	16.45	13	28.26	8	12.70	2	6.90
TX	2865	3494	29	91	8327	251	8.76	346	9.90	5	17.24	6	6.59	784	9.42	478	16.68	494	14.14	4	13.79	11	12.09	1152	13.83
UT	352	10	14	7	9	11	3.13	0	0.00	0	0.00	1	14.29	0	0.00	38	10.80	1	10.00	0	0.00	1	14.29	0	0.00
VA	2811	1109	45	32	10	201	7.15	69	6.22	0	0.00	2	6.25	0	0.00	484	17.22	201	18.12	6	13.33	4	12.50	0	0.00
VT	205	5	7	2	0	11	5.37	2	40.00	2	28.57	0	0.00	0	0.00	35	17.07	2	40.00	3	42.86	0	0.00	0	0.00
WA	1949	190	77	54	73	76	3.90	9	4.74	2	2.60	0	0.00	2	2.74	281	14.42	19	10.00	6	7.79	8	14.81	11	15.07
TOTAL	36193	23213	3236	682	8835	3070	8.48	2154	9.28	269	8.31	60	8.8	809	9.16	6880	19.01	4873	20.99	674	20.83	123	18.04	1202	13.6

FY 1998 - CT
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**Indicator Q11 – Readmission Within 30/180 Days Of
Discharge To Any State Hospital By Age**

State	Discharged By Age			Readmitted By Age Within 30 Days						Readmitted By Age Within 180 Days					
	<18	18 - 64	65 +	<18		18 - 64		65 +		<18		18 - 64		65 +	
	N	N	N	N	%	N	%	N	%	N	%	N	%	N	%
AZ	31	389	19	2	6.45	49	12.60	0	0.00	3	9.68	71	18.25	0	0.00
CO	604	1388	148	58	9.60	97	6.99	12	8.11	110	18.21	221	15.92	40	27.03
CT	N/A	2340	31	N/A	N/A	277	11.84	3	9.68	N/A	N/A	551	23.55	7	22.58
DC	189	1791	86	16	8.47	208	11.61	3	3.49	44	23.28	541	30.21	16	18.61
IL	337	9354	115	16	4.75	1303	13.93	12	10.44	38	11.28	2740	29.29	26	22.61
IN	128	1003	30	3	2.34	1	0.10	0	0.00	4	3.13	31	3.09	1	3.33
MO	1197	12180	349	67	5.60	897	7.36	18	5.16	129	10.78	2143	17.59	42	12.03
NY	1599	5979	298	81	5.07	438	7.33	10	3.36	239	14.95	1185	19.82	36	12.08
OK	283	2955	41	9	3.18	277	9.37	1	2.44	31	10.95	652	22.06	2	4.88
RI	N/A	439	5	N/A	N/A	38	8.66	0	0.00	N/A	N/A	59	13.44	0	0.00
SC	1039	6596	117	94	9.05	621	9.42	9	7.69	168	16.17	1454	22.04	14	11.97
TX	2084	12429	410	167	8.01	1218	9.80	16	3.90	230	11.04	1891	15.21	44	10.73
UT	64	313	28	2	3.13	10	3.20	0	0.00	5	7.81	34	10.86	2	7.14
VA	493	3275	285	27	5.48	241	7.36	4	1.40	70	14.20	612	18.69	15	5.26
VT	3	206	13	0	0.00	15	7.28	0	0.00	0	0.00	39	18.93	1	7.69
WA	65	2127	276	0	0.00	91	4.28	3	1.09	3	4.62	331	15.56	13	4.71
TOTAL	8116	62764	2251	542	6.68	5802	9.24	119	5.29	1074	13.23	12555	20.00	258	11.46

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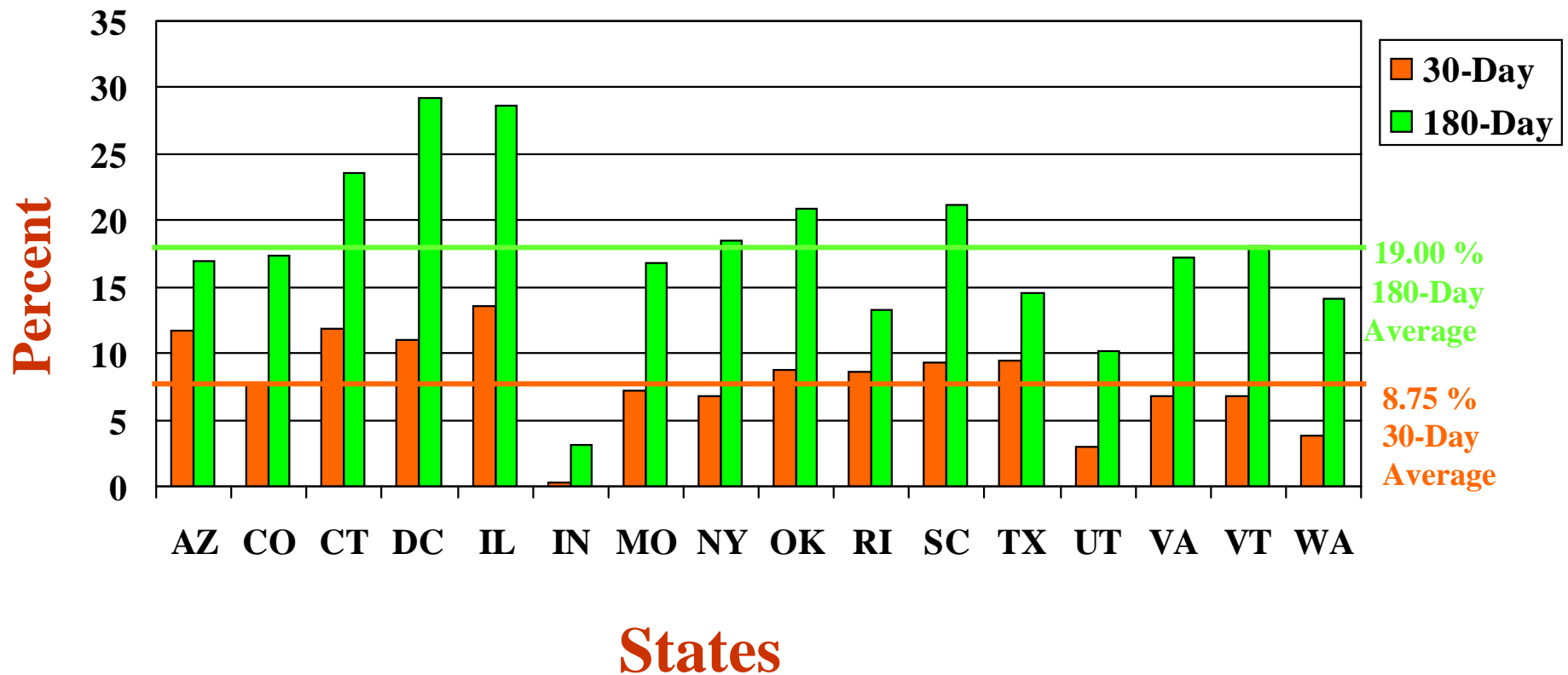
Indicator Q11 – Readmission Within 30/180 Days Of Discharge To Any State Hospital By Diagnosis

State	Discharged By Diagnosis				Readmitted By Diagnosis Within 30 Days								Readmitted By Diagnosis Within 180 Days								
	Adults w/ SMI	Adults w/o SMI	Children w/ SMI	Children w/o SMI	Adults w/ SMI		Adults w/o SMI		Children w/ SMI		Children w/o SMI		Adults w/ SMI		Adults w/o SMI		Children w/ SMI		Children w/o SMI		
	N	N	N	N	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	
AZ	252	156	13	15	29	11.51	20	12.82	2	15.38	0	0.00	43	17.06	28	17.95	3	23.08	0	0.00	
CO	999	537	158	446	86	8.61	23	4.28	15	9.49	43	9.64	200	20.02	61	11.36	30	18.99	80	17.94	
CT	1565	806	N/A	N/A	200	12.78	80	9.93	N/A	N/A	N/A	N/A	401	25.62	157	19.48	N/A	N/A	N/A	N/A	
DC	997	881	61	128	126	12.64	86	9.76	6	9.84	10	7.81	323	32.40	234	26.56	20	32.79	24	18.75	
IL	5258	4181	115	252	697	13.26	616	14.73	7	6.09	11	4.37	1552	29.51	1211	28.97	16	13.91	25	9.92	
IN	450	583	51	77	1	0.22	0	0.00	0	0.00	3	3.90	22	4.89	10	1.72	1	1.96	3	3.90	
MO	6083	6445	499	699	462	7.59	453	7.03	35	7.01	32	4.58	1198	19.69	987	15.31	61	12.22	68	9.73	
NY	4917	1360	554	1045	366	7.44	82	6.03	36	6.50	45	4.31	1012	20.58	209	15.37	106	19.13	133	12.73	
OK	1873	1123	47	236	199	10.62	79	7.03	3	6.38	6	2.54	459	24.51	195	17.36	8	17.02	23	9.75	
RI	318	126	N/A	N/A	22	6.92	16	12.70	N/A	N/A	N/A	N/A	36	11.32	23	18.25	N/A	N/A	N/A	N/A	
SC	2189	4525	188	851	243	11.10	388	8.57	15	7.98	79	9.28	592	27.04	877	19.38	28	14.89	140	16.45	
TX	9144	988	3695	1096	941	10.29	104	10.53	293	7.93	63	5.75	1534	16.78	142	14.37	401	10.85	88	8.03	
UT	252	89	29	35	8	3.17	2	2.25	1	3.45	1	2.86	34	13.49	2	2.25	2	6.90	3	8.57	
VA	2267	1293	248	245	143	6.31	102	7.89	13	5.24	14	5.71	390	17.20	237	18.33	34	13.71	36	14.69	
VT	151	68	2	1	7	4.64	8	11.77	0	0.00	0	0.00	25	16.56	15	22.06	0	0.00	0	0.00	
WA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL	36715	23161	5660	5126	3530	9.61	2059	8.89	426	7.53	307	5.99	7821	21.3	4388	18.95	710	12.54	623	12.15	

FY 1998 - CT
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 CY 2000 - AZ, NY, OK

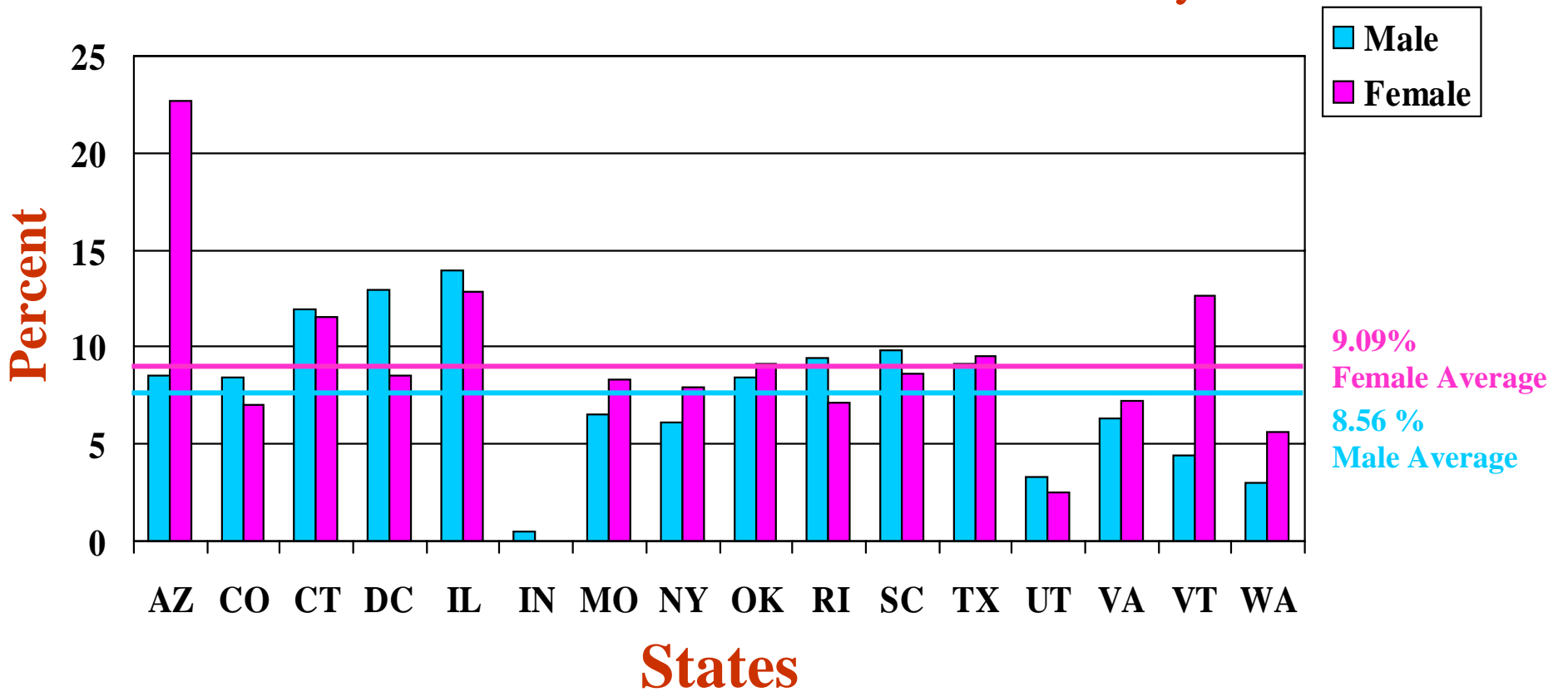
Indicator Q11- Readmission Within 30/180 Days of Discharge

30-Day and 180-Day Readmission Rates



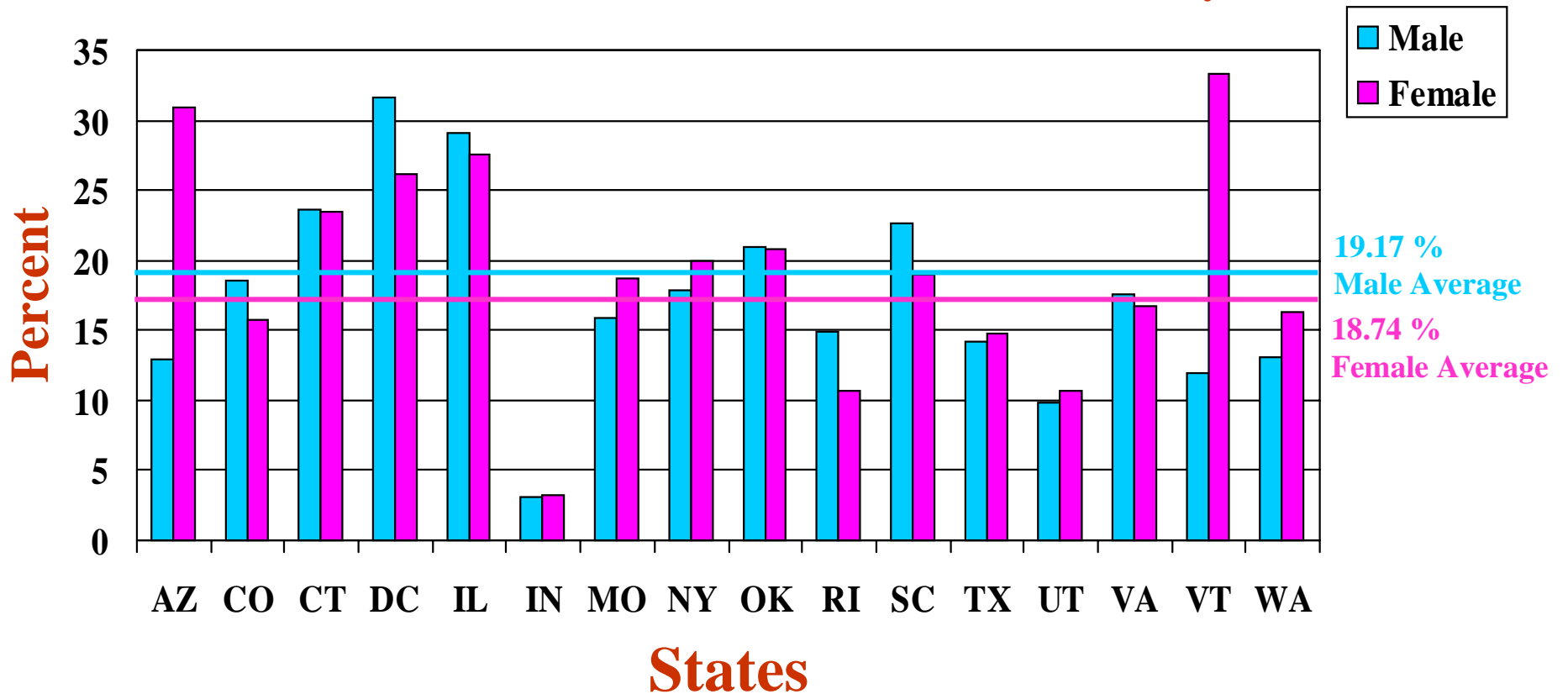
Indicator Q11- Readmission Within 30/180 Days of Discharge

Male and Female Readmission Rates - 30 Days



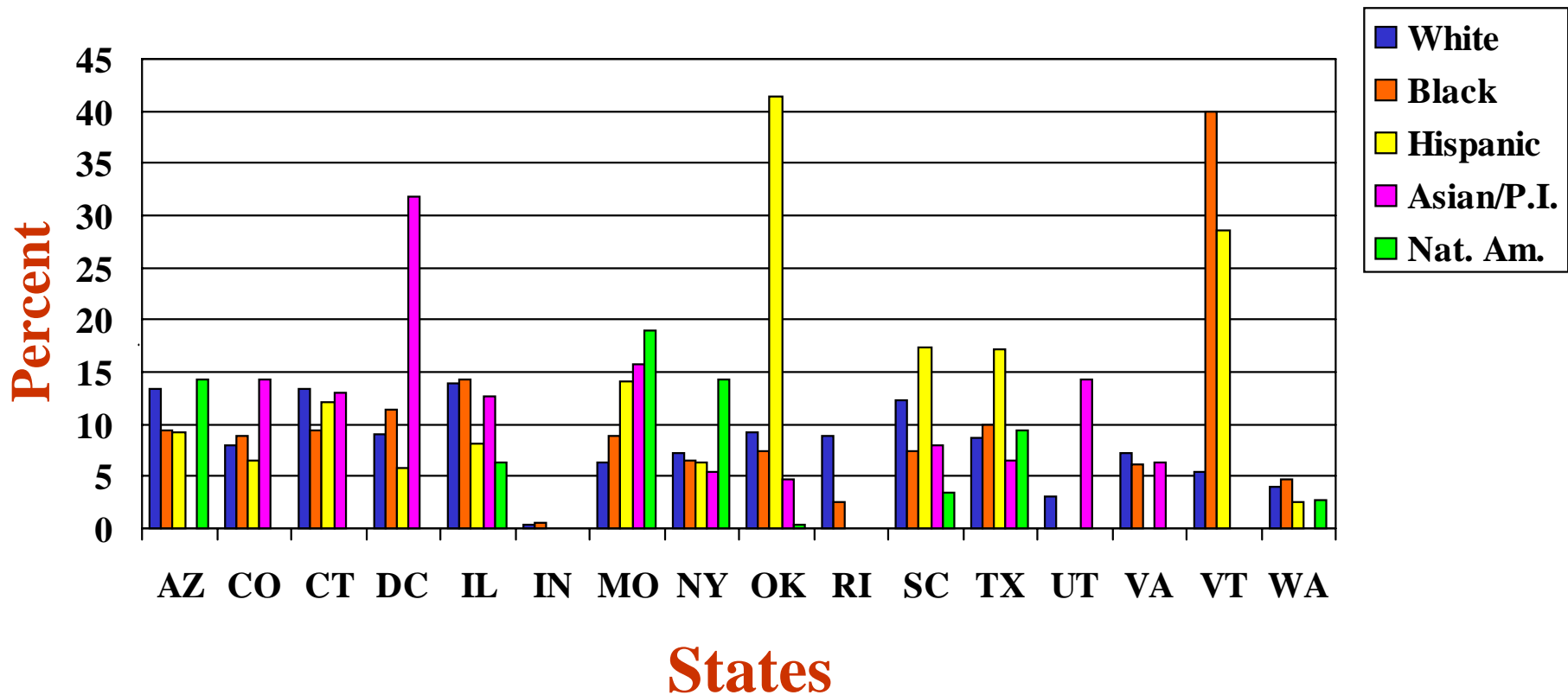
Indicator Q11- Readmission Within 30/180 Days of Discharge

Male and Female Readmission Rates - 180 Days



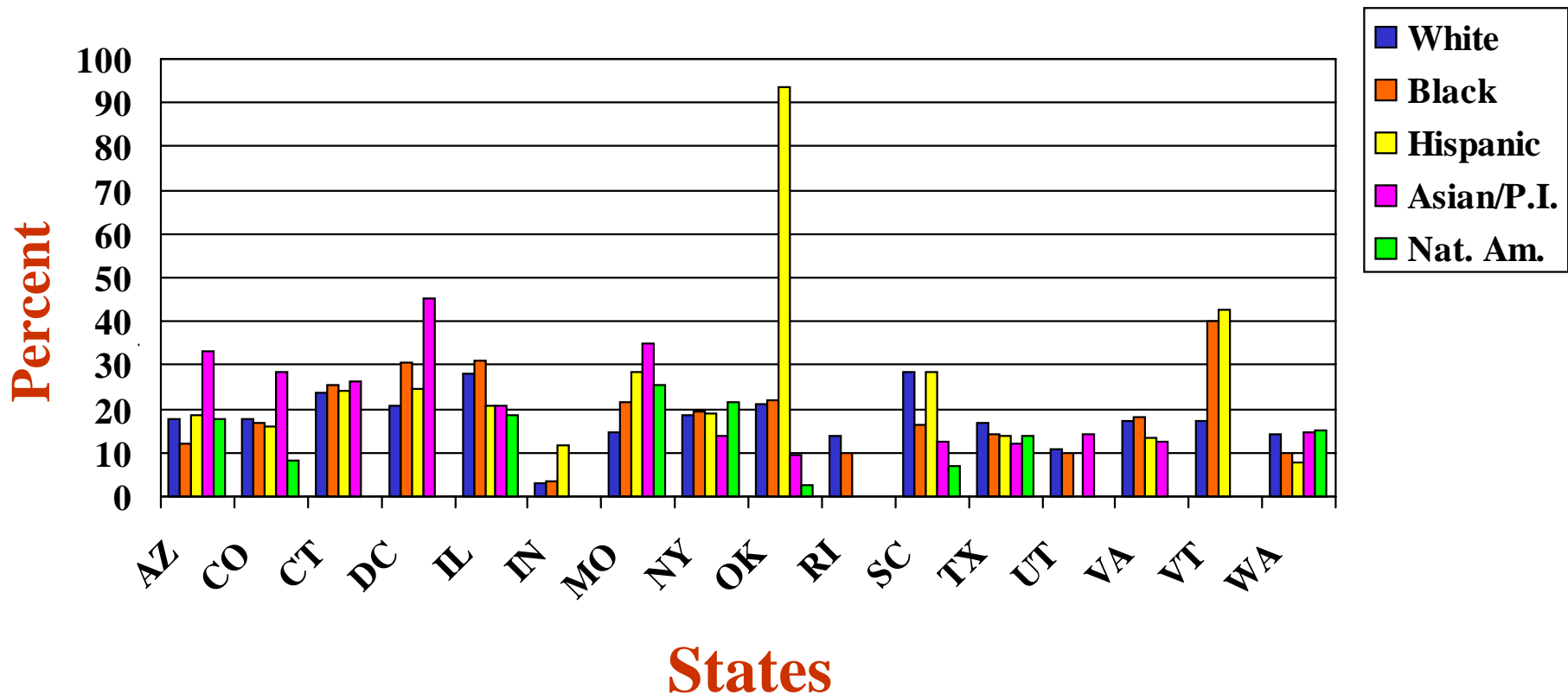
Indicator Q11- Readmission Within 30/180 Days of Discharge

Readmission Rates by Race - 30 Days



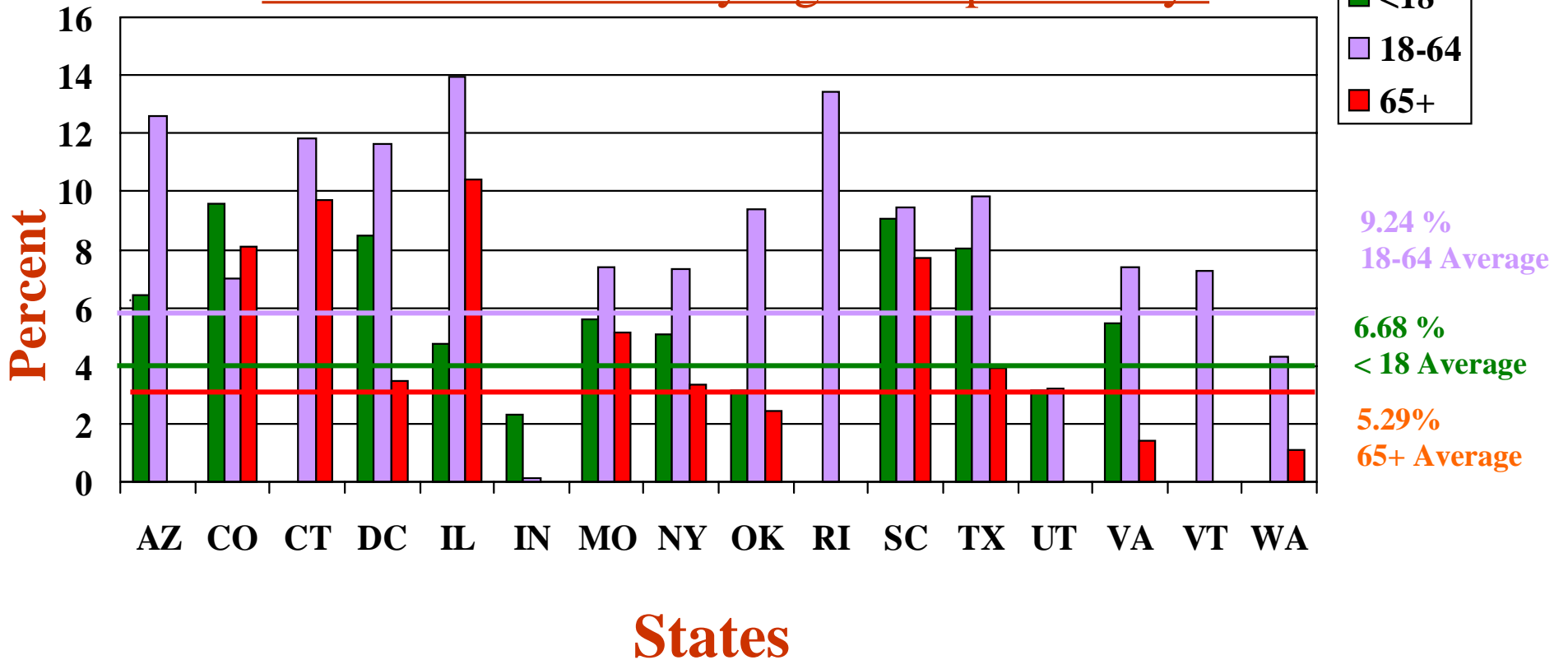
Indicator Q11- Readmission Within 30/180 Days of Discharge

Readmission Rates by Race - 180 Days



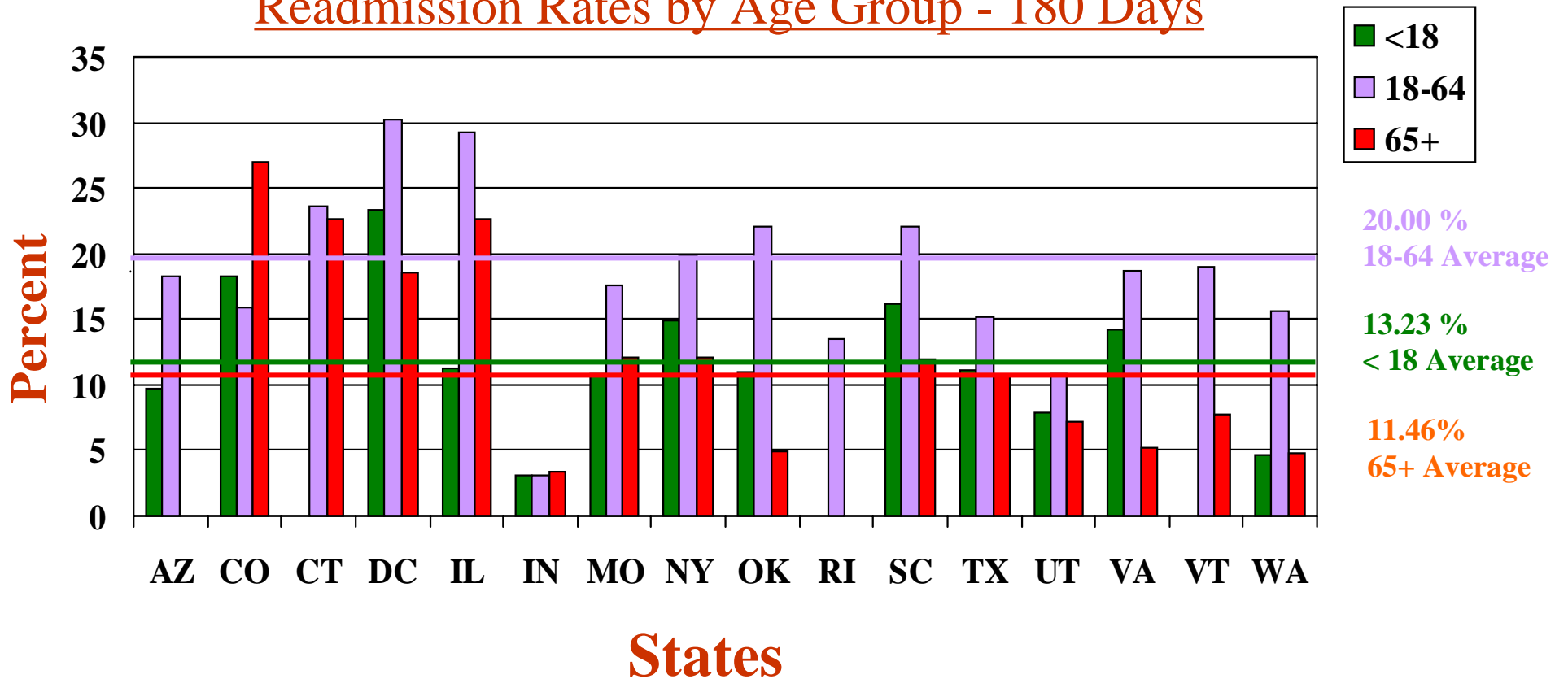
Indicator Q11- Readmission Within 30/180 Days of Discharge

Readmission Rates by Age Group - 30 Days



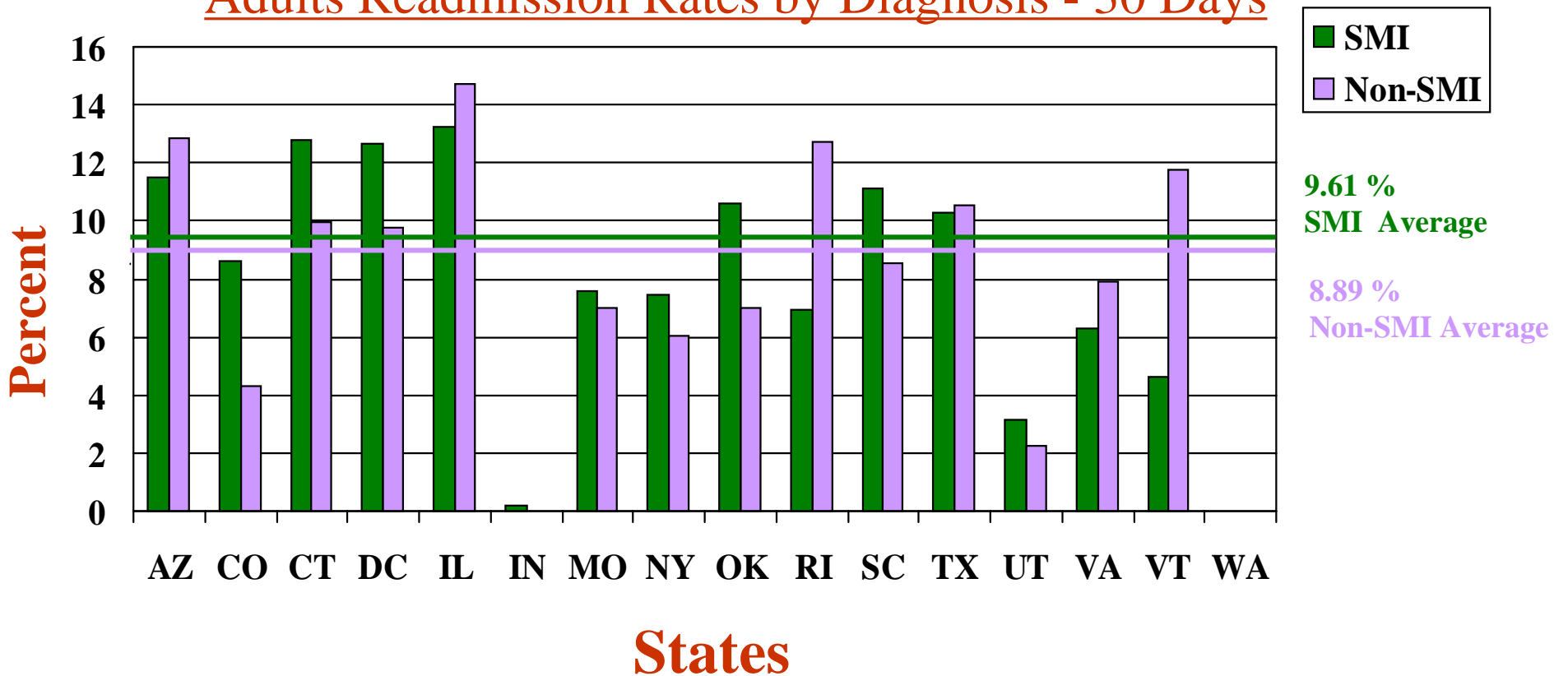
Indicator Q11- Readmission Within 30/180 Days of Discharge

Readmission Rates by Age Group - 180 Days



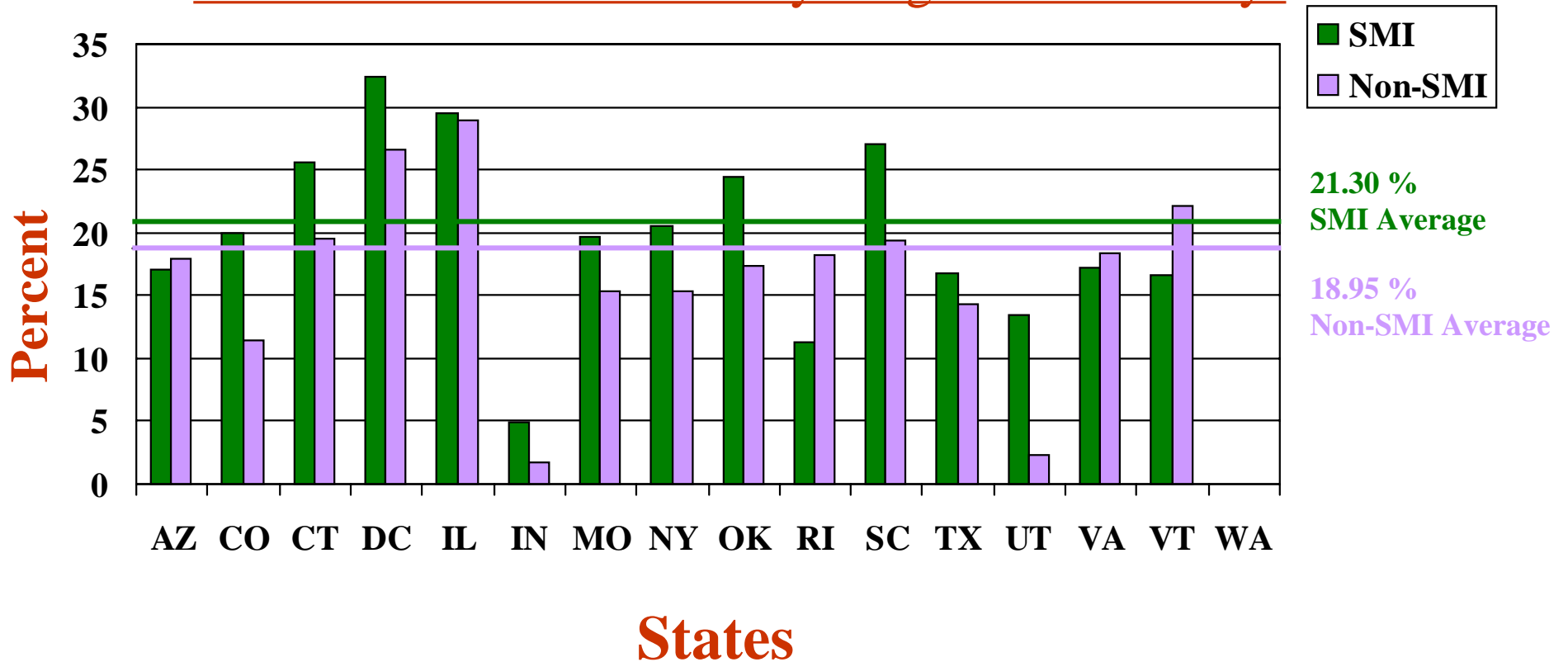
Indicator Q11- Readmission Within 30/180 Days of Discharge

Adults Readmission Rates by Diagnosis - 30 Days



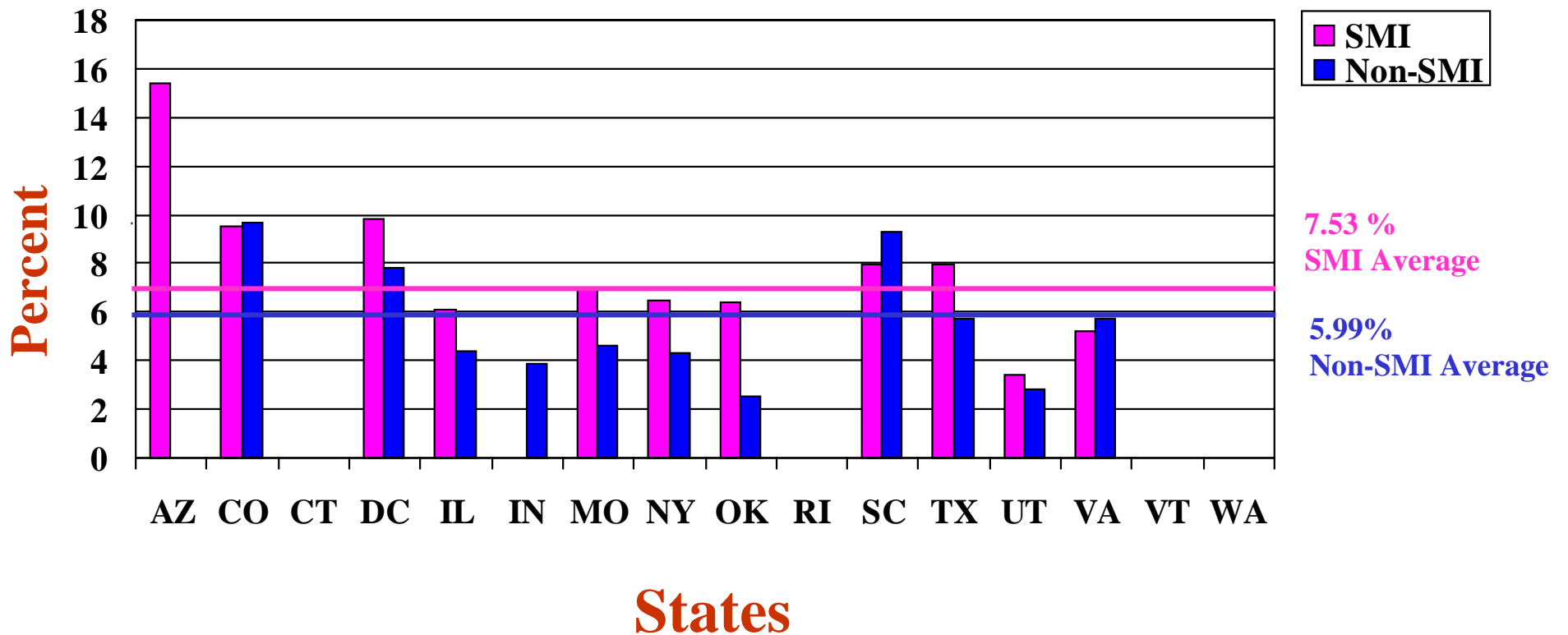
Indicator Q11- Readmission Within 30/180 Days of Discharge

Adults Readmission Rates by Diagnosis - 180 Days



Indicator Q11- Readmission Within 30/180 Days of Discharge

Children's Readmission Rates by Diagnosis - 30 Days



Indicator Q11- Readmission Within 30/180 Days of Discharge

Children's Readmission Rates by Diagnosis - 180 Days

