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Select Committee on Quality Improvement in State Hospitals

PERIODIC REPORTING

Alice Huber, PhD

Service Enterprise and Support Administration
Research and Data Analysis Division
alice.huber@dshs.wa.gov

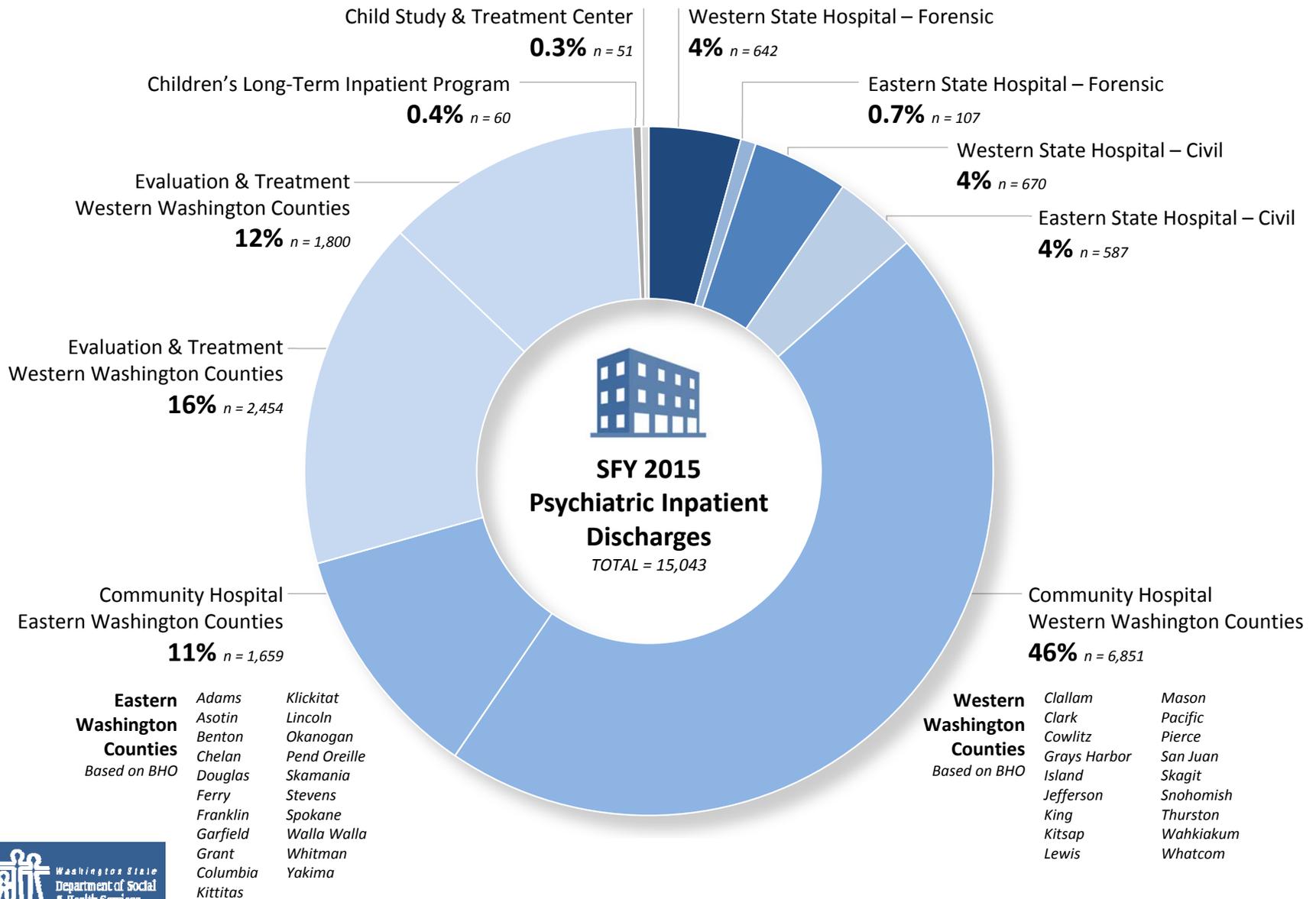
December 20, 2016



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PART 1 Information about Patients

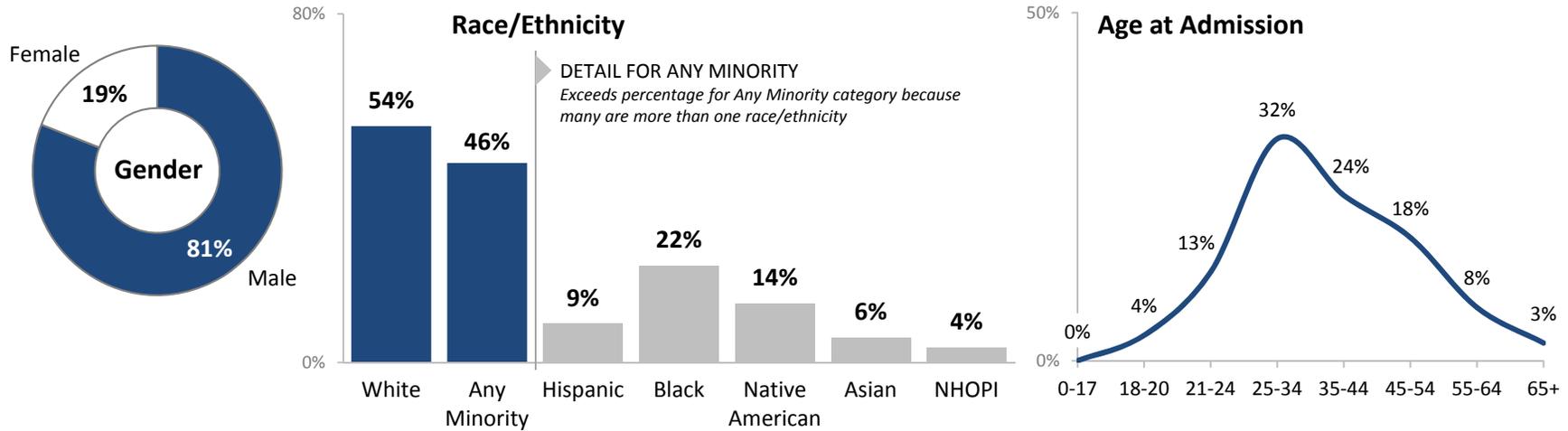
Psychiatric Inpatient Discharges by Facility and Patient Status



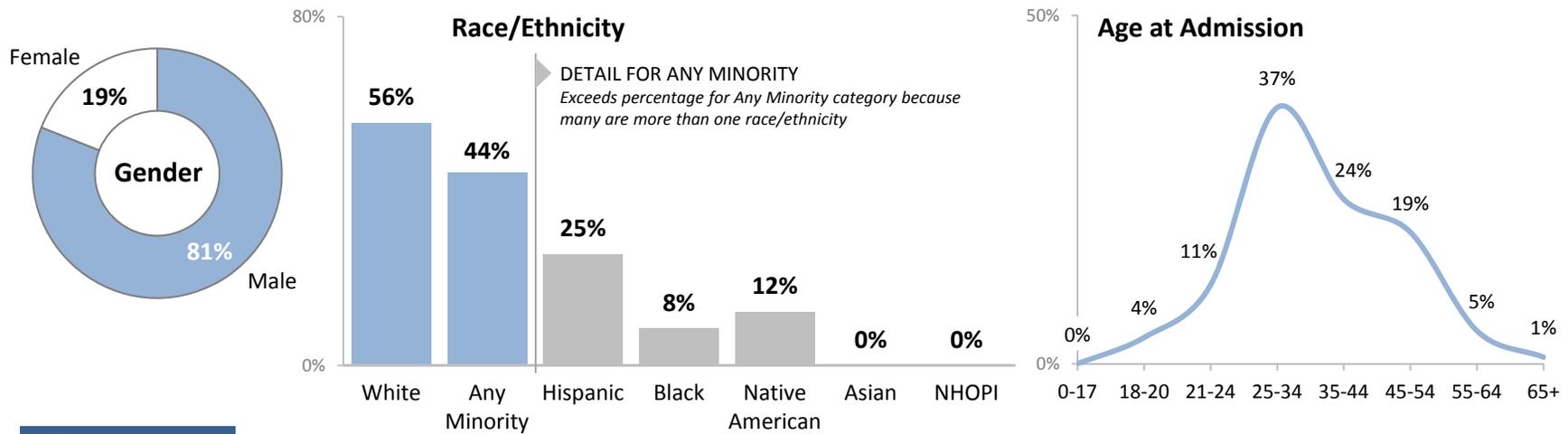
State Hospital Forensic Discharges – SFY 2015 Demographics

Percent by index-discharge facility

WESTERN STATE HOSPITAL – FORENSIC



EASTERN STATE HOSPITAL – FORENSIC

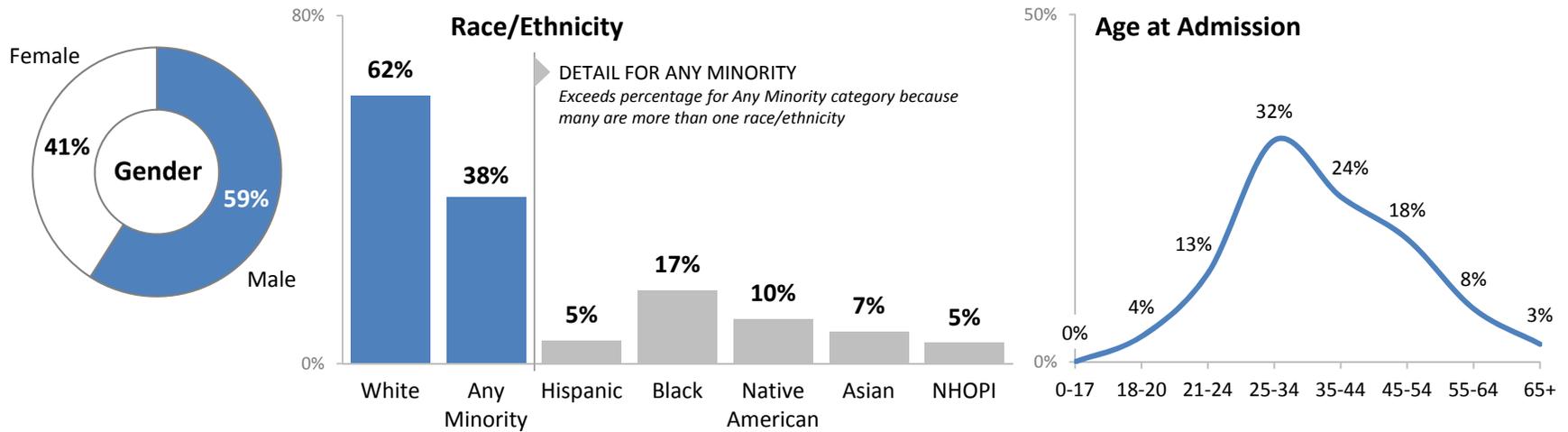


SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

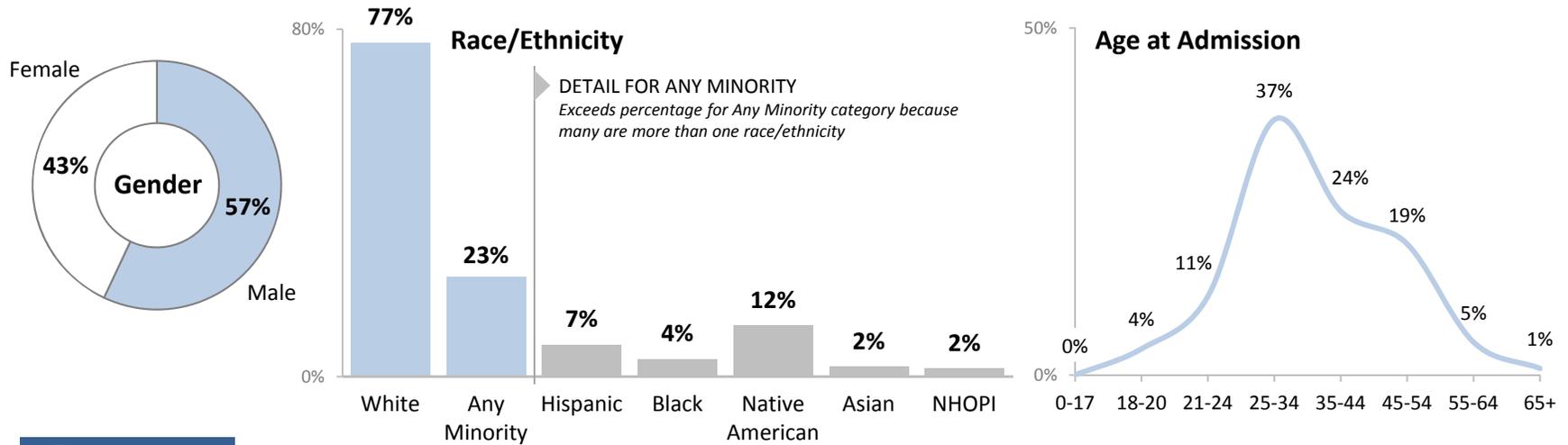
State Hospital Civil Discharges – SFY 2015 Demographics

Percent by index-discharge facility

WESTERN STATE HOSPITAL – CIVIL



EASTERN STATE HOSPITAL – CIVIL

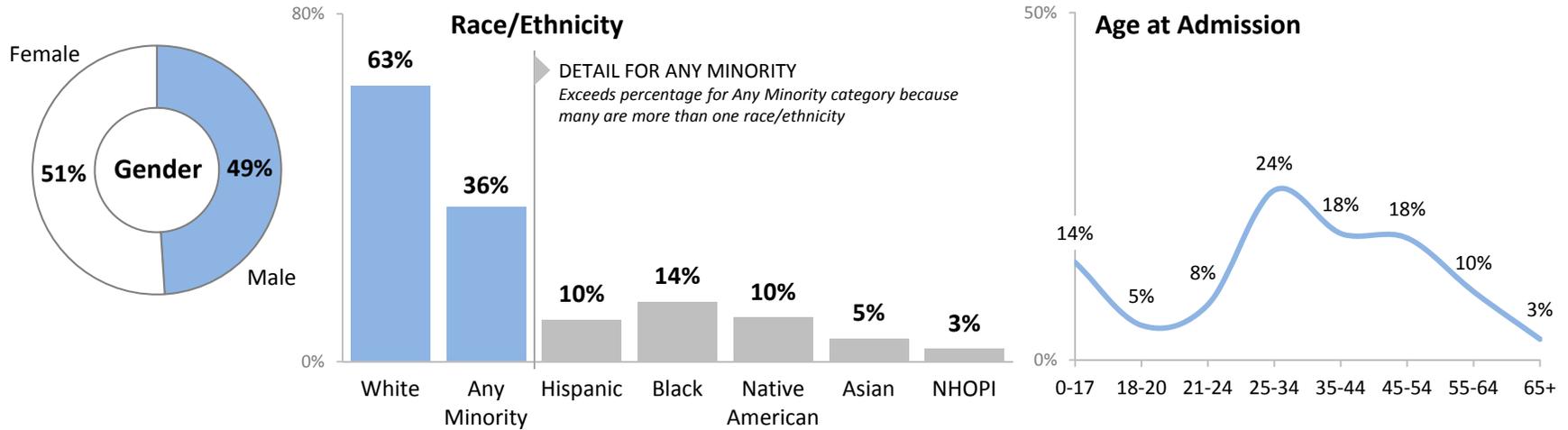


SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

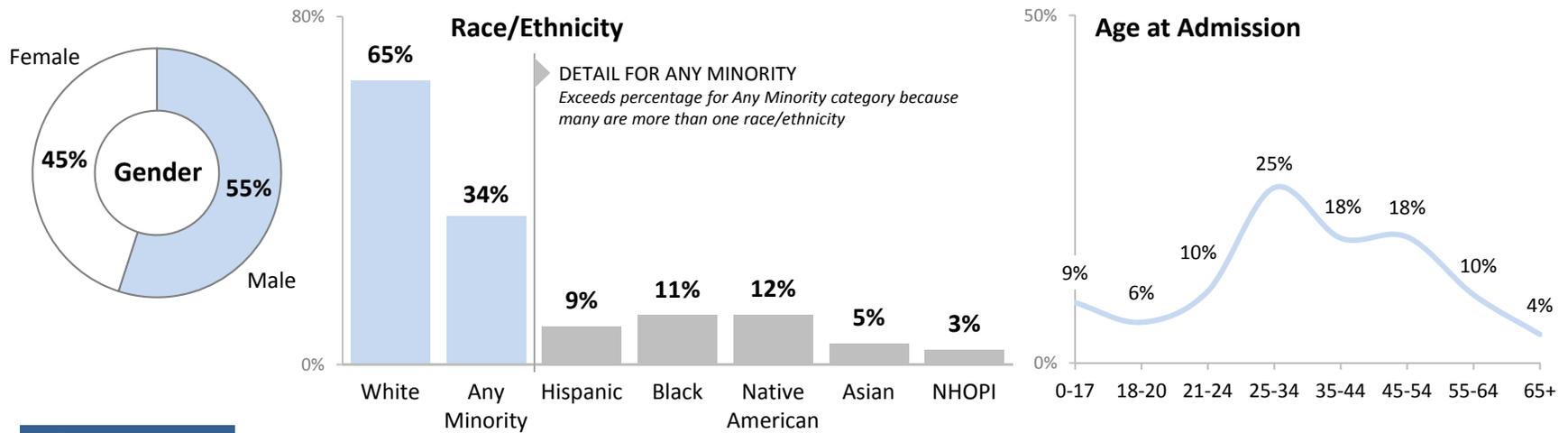
Community Hospital and E&T Discharges – SFY 2015 Demographics

Percent by index-discharge facility

COMMUNITY HOSPITALS



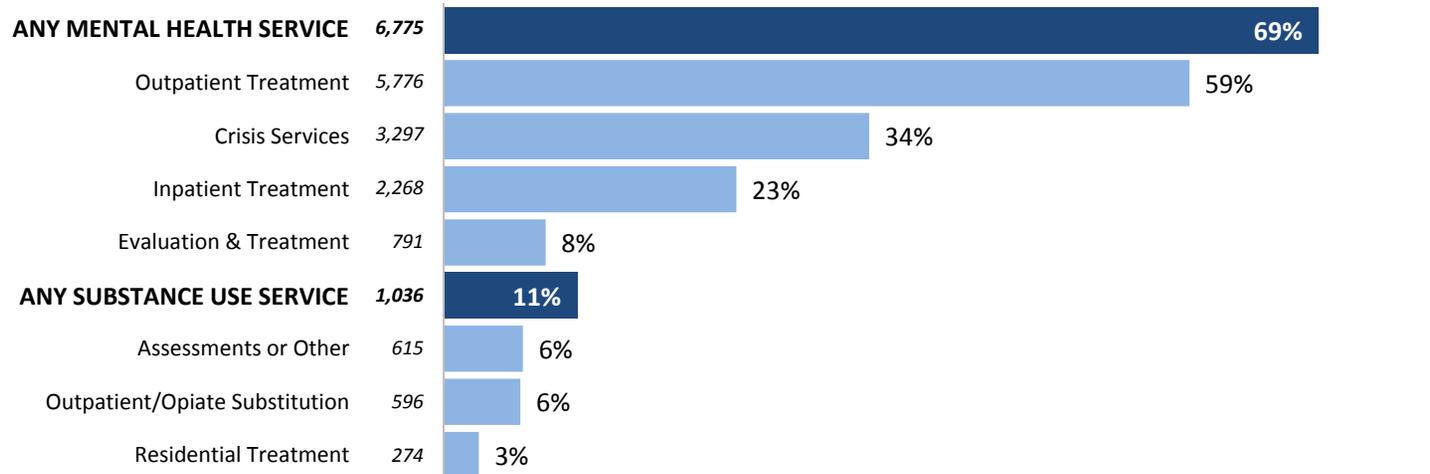
EVALUATION & TREATMENT CENTERS



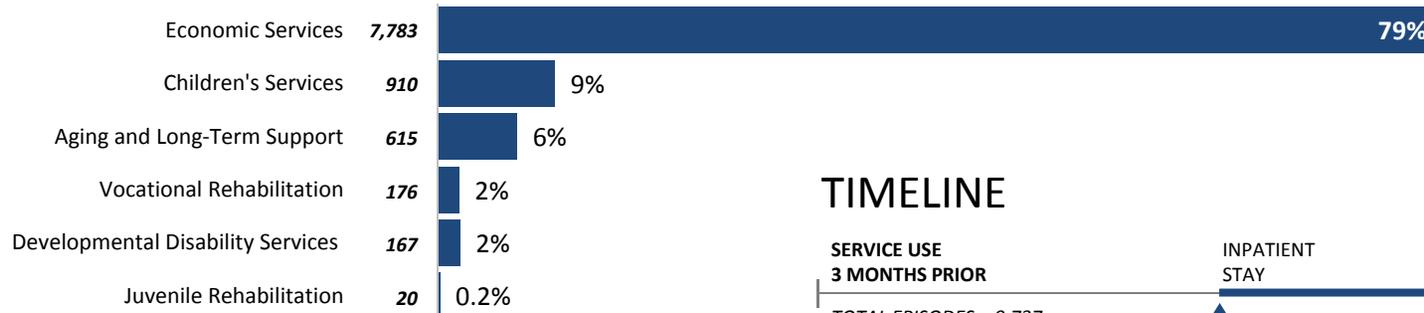
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

DSHS Service Use of Patients Who Entered Inpatient Mental Health Treatment 3 Months Prior to the Month of Admission (SFY 2015)

DSHS Behavioral Health Services



Other DSHS Services



TIMELINE



NOTE: Any DSHS service within 3 months of the start of an episode of care was counted. Consecutive service spans are combined into a single episode of care. Counts may be duplicated within a year for individuals with multiple admissions in the year. Excludes E&T admissions.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.

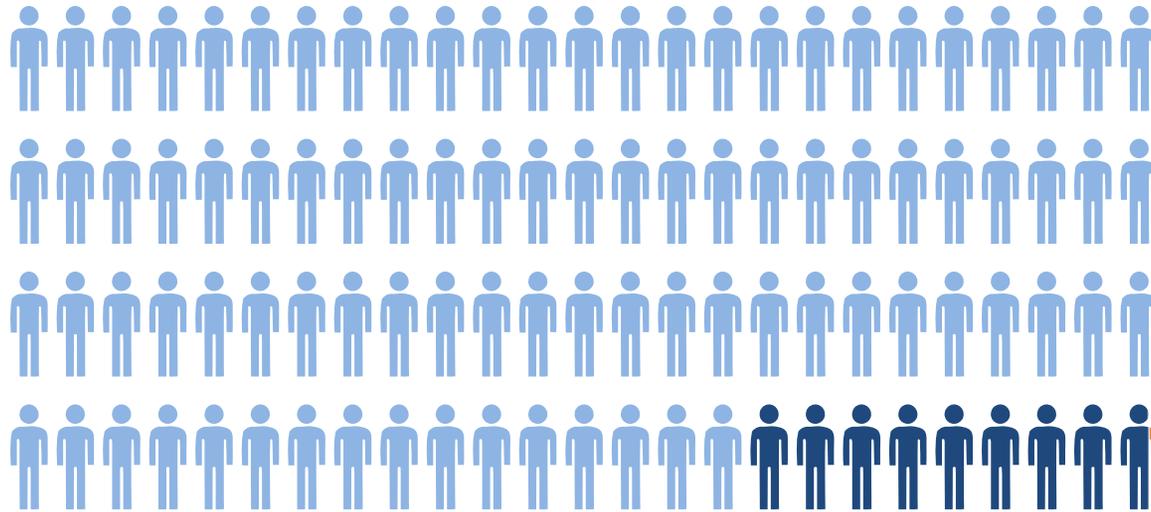


Patient Transition

Patients typically stay at the same level of care or at the same facility throughout the inpatient stay

SFY 2011-2016

100 people will receive inpatient mental health treatment



91 will stay at the same level of care or in a single institution while in treatment

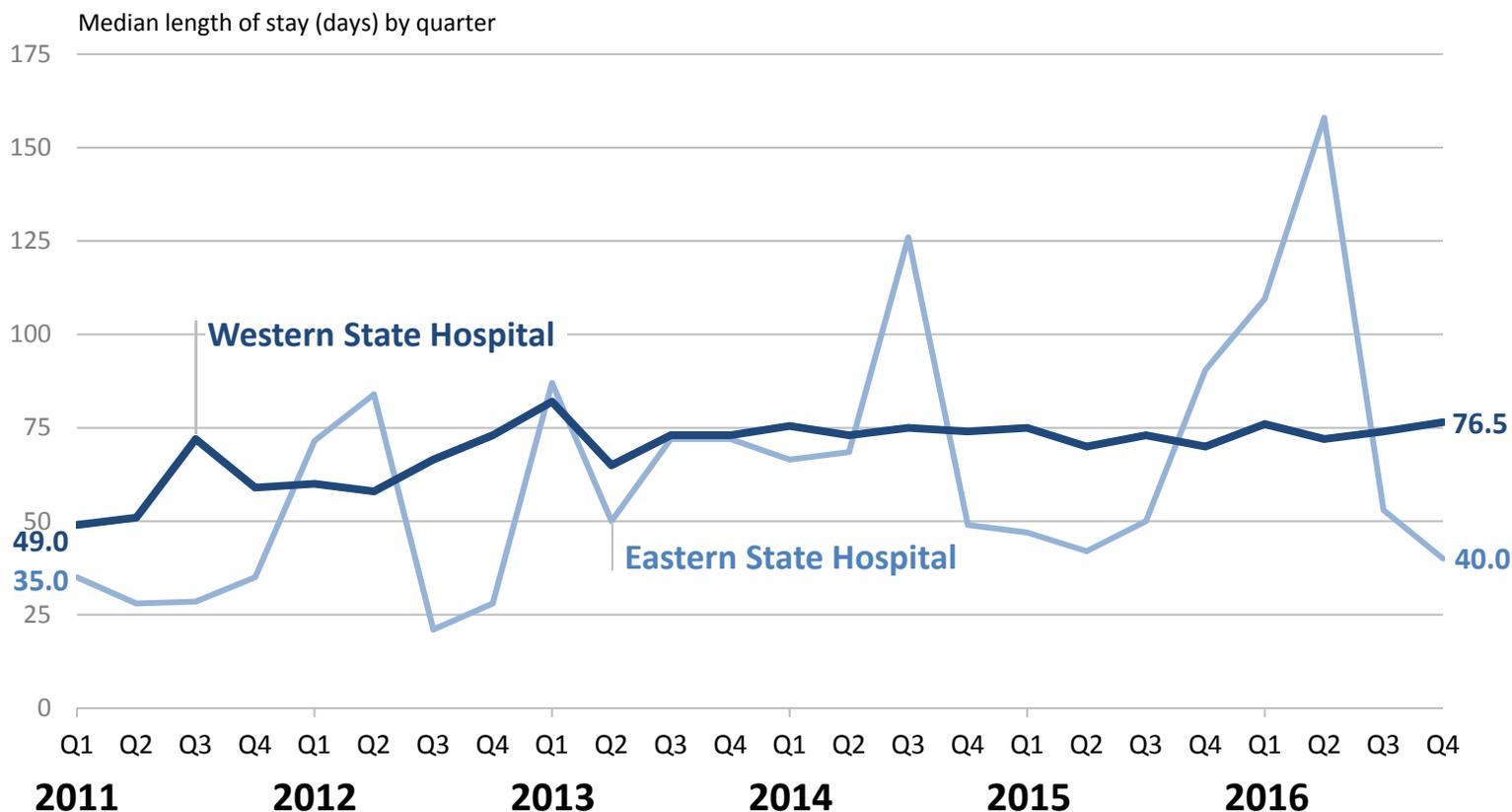
9 will change status or move to a different facility once

Less than 1 will change status or institutions twice*

**One patient changed status or facilities three times. NOTE: A change in legal status (for instance from forensic to civil commitment) while held at the same institution is counted as a transfer for purposes of this analysis.*

DETAIL: 1. The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. Example: A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, so they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. **2.** PALS, CLIP, CSTC clients are excluded. **3.** Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment count.

Length of Stay at State Hospitals All Forensic Patients



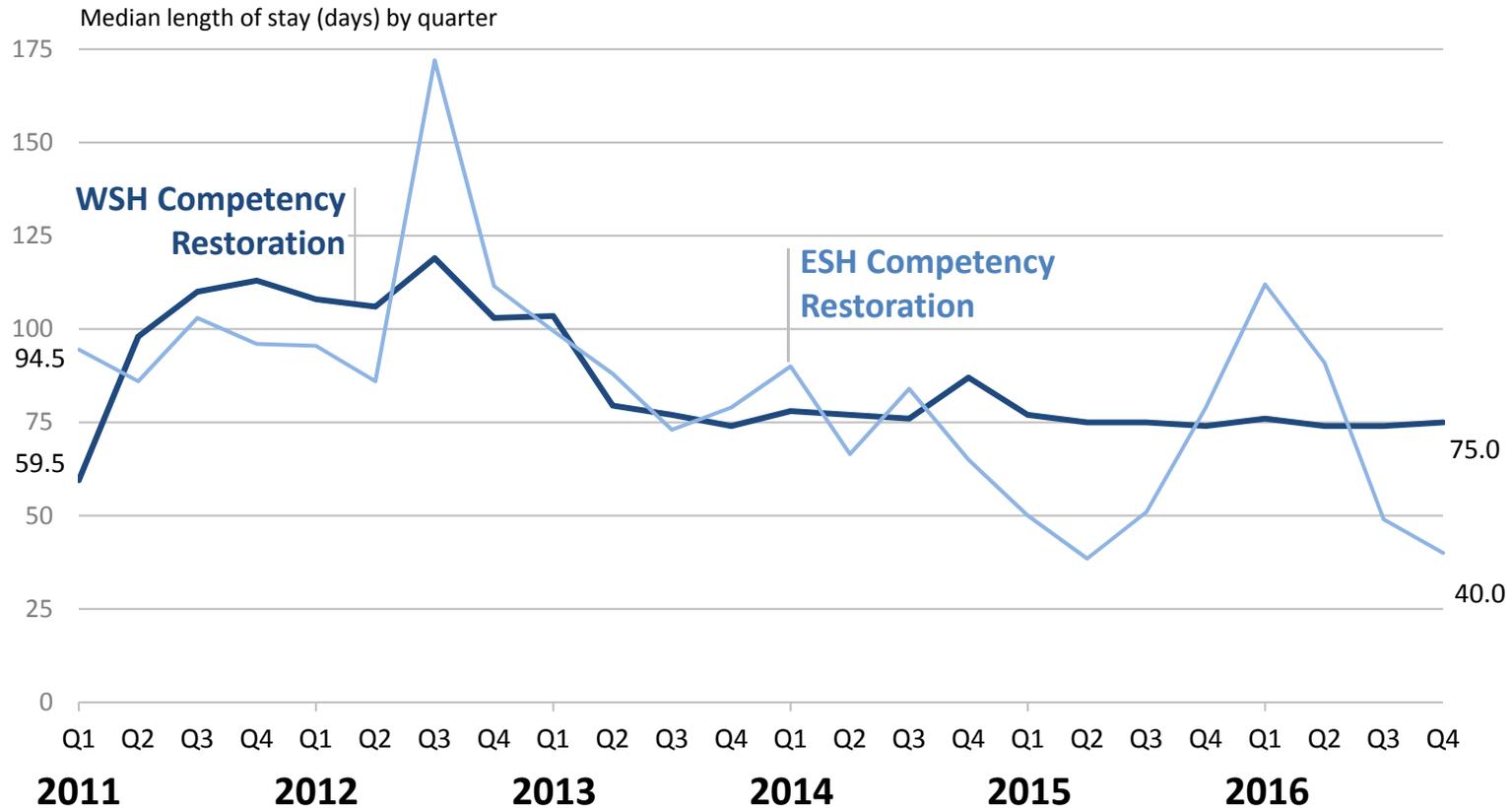
SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Length of Stay at State Hospitals Forensic Patients – Competency Restoration



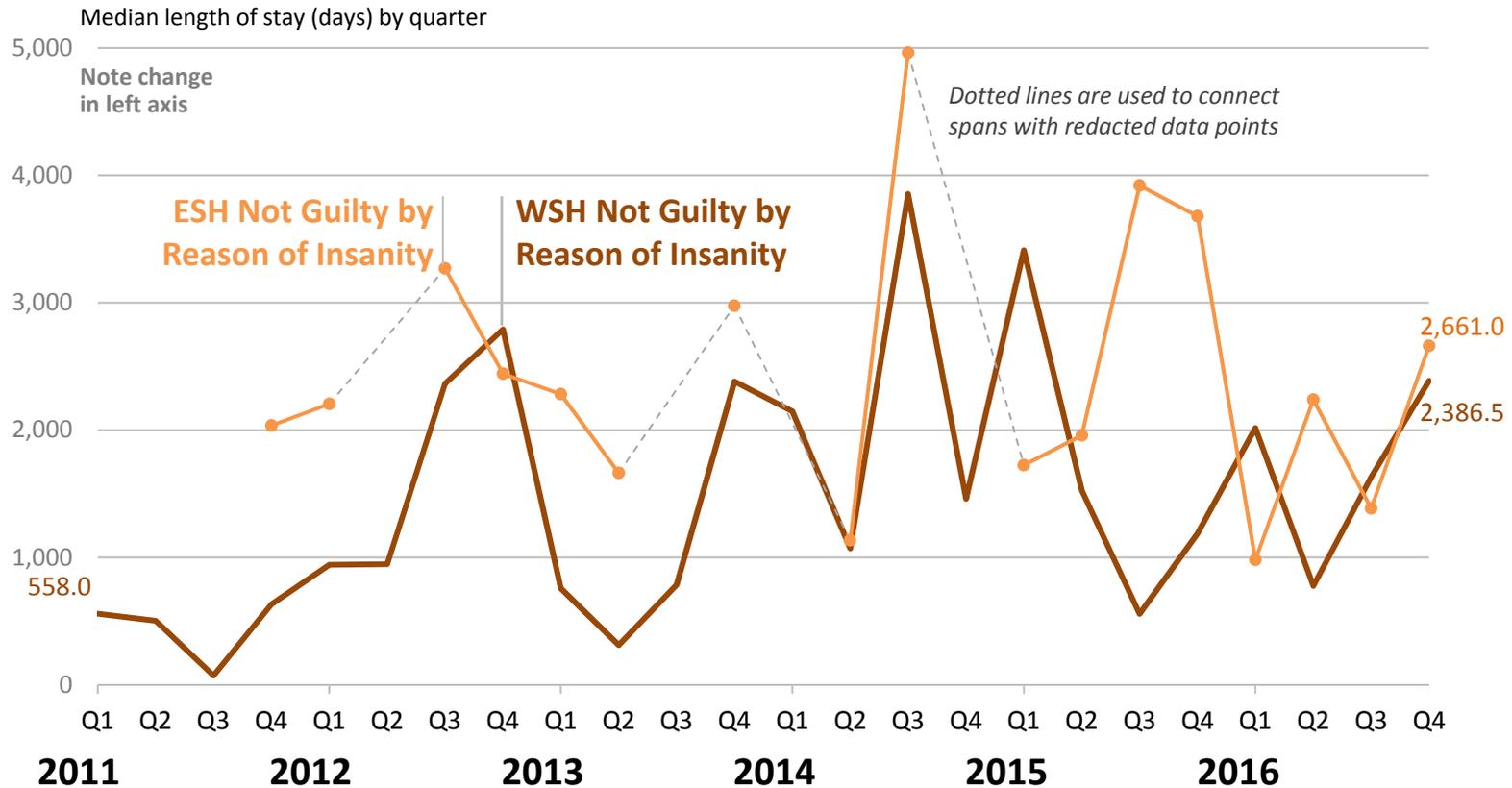
SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Length of Stay at State Hospitals Forensic Patients – Not Guilty by Reason of Insanity



SOURCE: Administrative data (SH_Detail).

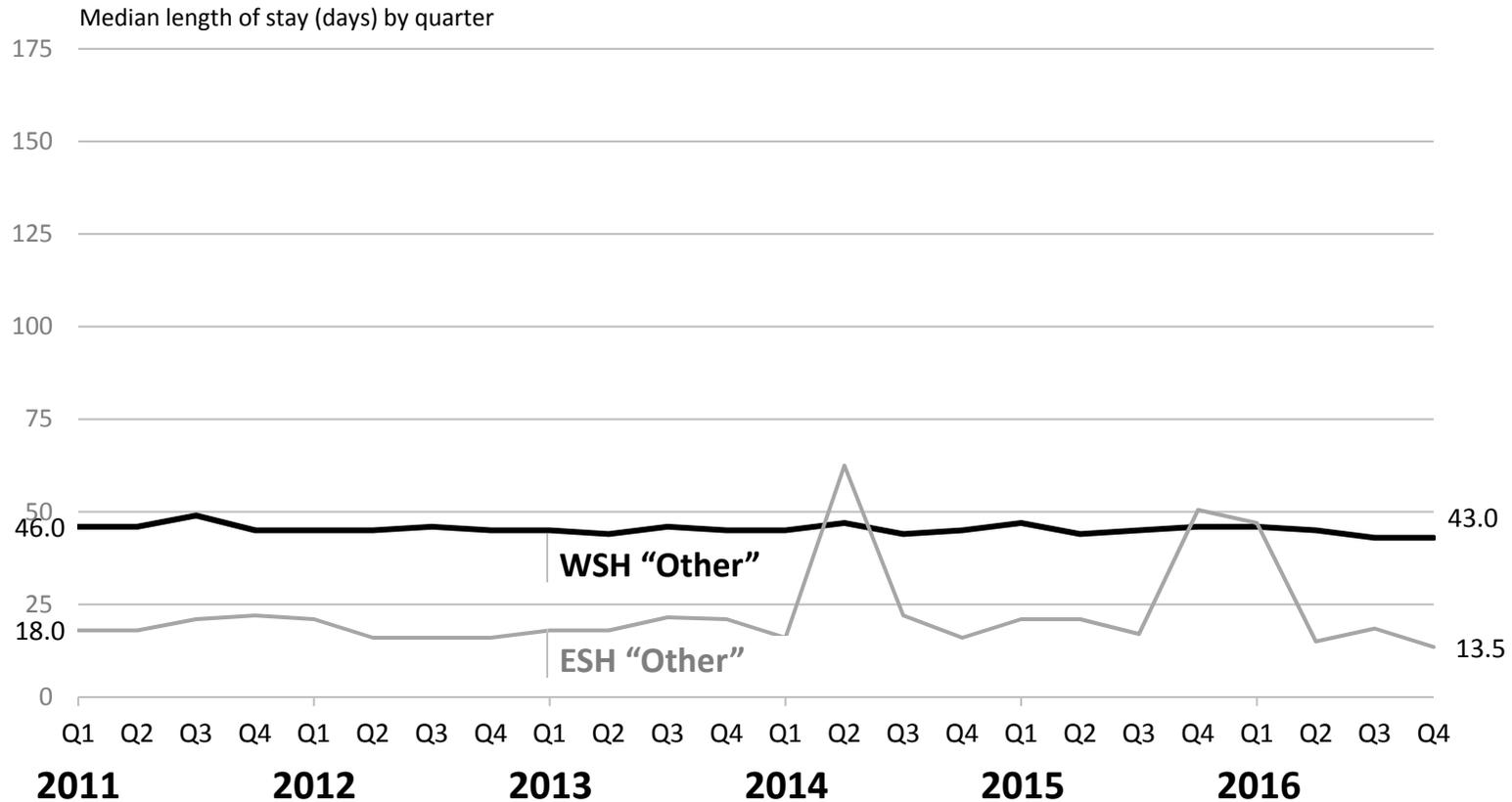
NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Length of Stay at State Hospitals Forensic Patients – “Other”

Excludes Competency Restoration and Not Guilty by Reason of Insanity



SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Median Length of Stay at State Hospitals Forensic Patient DETAIL

Median length of stay (days) by quarter	SFY 2011				SFY 2012				SFY 2013			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Eastern State Hospital												
ALL FORENSIC	35	28	29	35	72	84	21	28	87	50	72	72
Not Guilty by Reason of Insanity	—	—	—	2,036	2,206	—	3,269	2,443	2,282	1,663	—	2,976
Competency Restoration	95	86	103	96	96	86	172	112	100	88	73	79
All Other Forensic	18	18	21	22	21	16	16	16	18	18	22	21
Western State Hospital												
ALL FORENSIC	49	51	72	59	60	58	67	73	82	65	73	73
Not Guilty by Reason of Insanity	558	503	73	633	943	947	2,365	2,791	757	312	784	2,382
Competency Restoration	60	98	110	113	108	106	119	103	104	80	77	74
All Other Forensic	46	46	49	45	45	45	46	45	45	44	46	45

Median length of stay (days) by quarter	SFY 2014				SFY 2015				SFY 2016			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Eastern State Hospital												
ALL FORENSIC	67	69	126	49	47	42	50	91	110	158	53	40
Not Guilty by Reason of Insanity	—	1,134	4,963	—	1,724	1,959	3,920	3,679	981	2,239	1,386	2,661
Competency Restoration	90	67	84	65	50	39	51	79	112	91	49	40
All Other Forensic	16	63	22	16	21	21	17	51	47	15	19	14
Western State Hospital												
ALL FORENSIC	76	73	75	74	75	70	73	70	76	72	74	77
Not Guilty by Reason of Insanity	2,147	1,071	3,854	1,461	3,412	1,528	558	1,187	2,016	777	1,631	2,387
Competency Restoration	78	77	76	87	77	75	75	74	76	74	74	75
All Other Forensic	45	47	44	45	47	44	45	46	46	45	43	43

SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Number of Mental Health Inpatient Episodes at State Hospitals Forensic Patient DETAIL

Count of episodes by quarter	SFY 2011				SFY 2012				SFY 2013			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Eastern State Hospital												
ALL FORENSIC	69	53	58	53	44	29	44	52	39	54	27	49
Not Guilty by Reason of Insanity	—	—	—	3	2	—	3	2	2	3	—	3
Competency Restoration	30	18	19	18	20	18	13	22	22	27	18	33
All Other Forensic	38	34	38	32	22	11	28	28	15	24	8	13
Western State Hospital												
ALL FORENSIC	234	215	211	233	170	145	190	243	196	153	175	168
Not Guilty by Reason of Insanity	8	5	5	3	7	7	4	7	7	7	7	7
Competency Restoration	82	75	76	92	69	62	82	135	130	86	112	113
All Other Forensic	144	135	130	138	94	76	104	101	59	60	56	48

Count of episodes by quarter	SFY 2014				SFY 2015				SFY 2016			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Eastern State Hospital												
ALL FORENSIC	30	26	59	35	42	53	39	34	41	64	83	114
Not Guilty by Reason of Insanity	—	2	19	—	6	9	3	8	5	26	14	9
Competency Restoration	24	20	32	27	27	30	29	20	19	31	41	83
All Other Forensic	6	4	8	7	9	14	7	6	17	7	28	22
Western State Hospital												
ALL FORENSIC	188	189	180	195	174	205	188	184	198	220	237	434
Not Guilty by Reason of Insanity	5	4	3	4	4	6	12	7	17	17	36	58
Competency Restoration	130	128	144	135	133	148	136	139	140	155	157	300
All Other Forensic	53	57	33	56	37	51	40	38	41	48	44	76

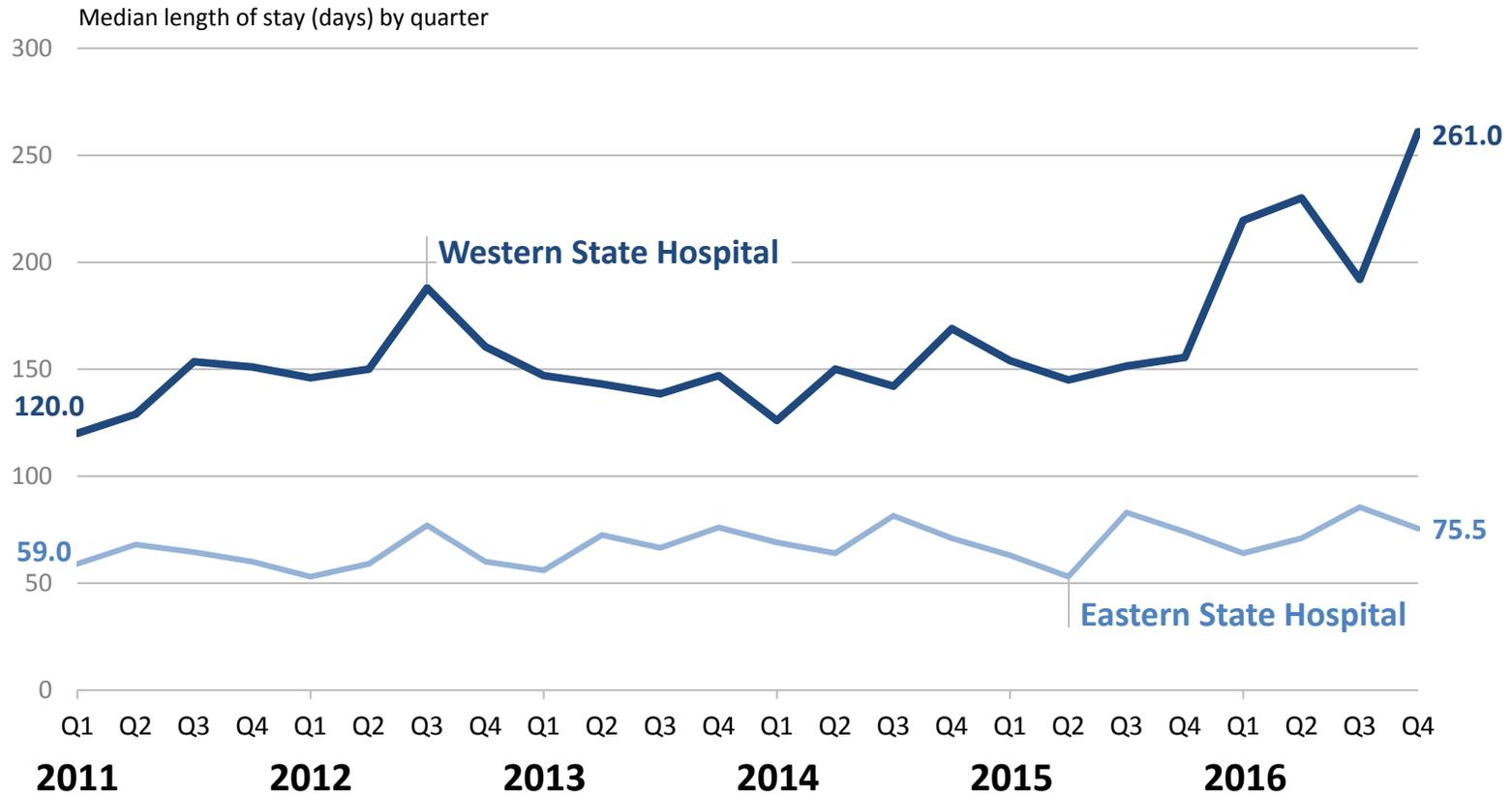
SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Length of Stay at State Hospitals Civil Patients



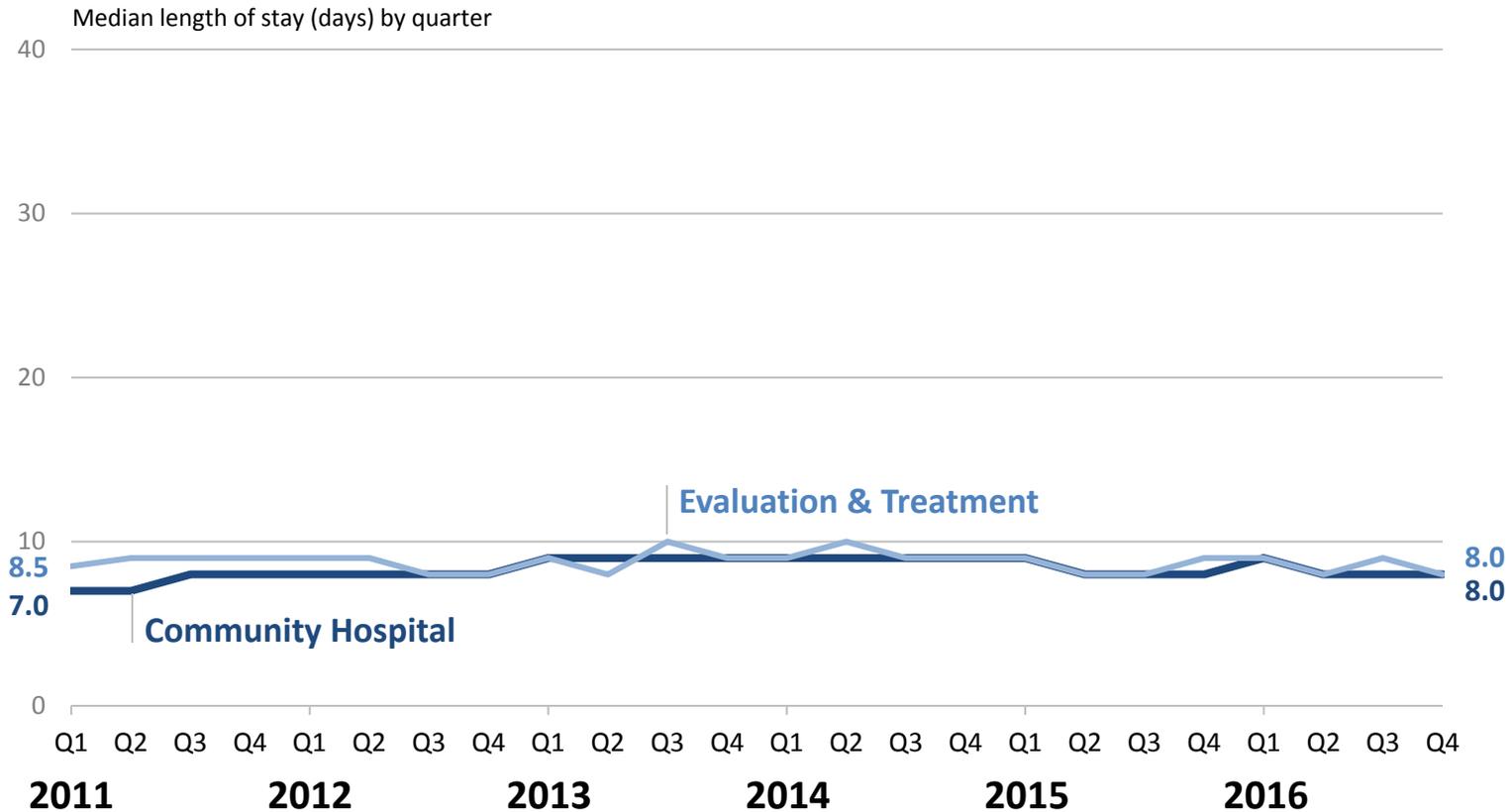
SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Length of Stay at State Hospitals Community Hospital and Evaluation and Treatment Patients



SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Median Length of Stay for Civil Commitments at State Hospitals, Community Hospital and Evaluation & Treatment Patients: DETAIL

Median length of stay (days) by quarter	SFY 2011				SFY 2012				SFY 2013			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Eastern State Hospital – CIVIL	59	68	65	60	53	59	77	60	56	73	67	76
Western State Hospital – CIVIL	120	129	154	151	146	150	188	161	147	143	139	147
Community Hospital	7	7	8	8	8	8	8	8	9	9	9	9
Evaluation & Treatment	9	9	9	9	9	9	8	8	9	8	10	9

Median length of stay (days) by quarter	SFY 2014				SFY 2015				SFY 2016			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Eastern State Hospital – CIVIL	69	64	82	71	63	53	83	74	64	71	86	76
Western State Hospital – CIVIL	126	150	142	169	154	145	152	156	220	230	192	261
Community Hospital	9	9	9	9	9	8	8	8	9	8	8	8
Evaluation & Treatment	9	10	9	9	9	8	8	9	9	8	9	8

SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.



Number of Mental Health Inpatient Episodes for Civil Commitments at State Hospitals, Community Hospital and Evaluation & Treatment Patients: DETAIL

Median length of stay (days) by quarter	SFY 2011				SFY 2012				SFY 2013			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Eastern State Hospital – CIVIL	143	134	136	181	172	151	146	153	143	136	114	139
Western State Hospital – CIVIL	176	153	140	136	139	124	125	130	125	163	134	157
Community Hospital	1,960	1,832	1,903	1,853	1,785	1,651	1,735	1,809	1,874	1,830	1,838	1,889
Evaluation & Treatment	742	810	738	762	773	767	697	809	744	883	739	850

Median length of stay (days) by quarter	SFY 2014				SFY 2015				SFY 2016			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Eastern State Hospital – CIVIL	133	133	142	163	127	139	110	119	122	123	128	170
Western State Hospital – CIVIL	129	110	113	145	145	130	130	124	134	139	133	201
Community Hospital	1,984	1,787	1,866	2,003	2,065	2,128	2,212	2,325	2,229	2,232	2,408	2,228
Evaluation & Treatment	872	859	900	996	1,087	1,096	1,126	1,141	1,167	1,195	1,152	742

SOURCE: Administrative data (SH_Detail).

NOTES: The most intensive service location within an episode is used. Consecutive service spans are combined into a single episode of care. A 1-day break is allowed before a new episode is created. **Example:** A patient is admitted to a Community Hospital on the day of an Evaluation & Treatment discharge, they would be counted in the Community Hospital column and their Evaluation & Treatment days would be included in the overall length of stay. PALS, CLIP, CSTC excluded. Eastern State Hospital patients with a legal authority of 72-hour or 14-day court commitment are included in the Evaluation & Treatment data. Patients with treatment at both state hospitals in the same episode were assigned to the hospital where they spent the most time in that episode.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.

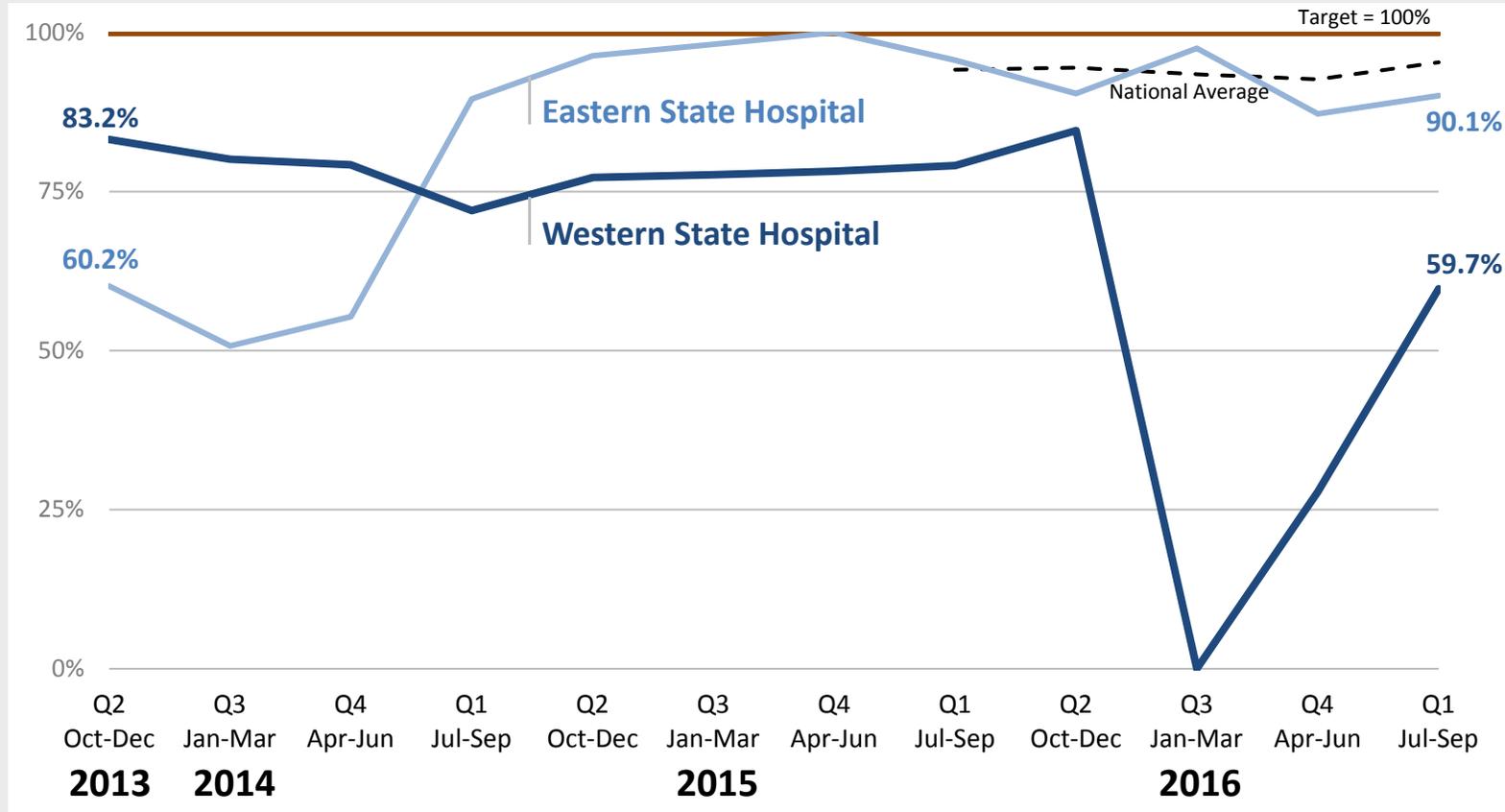




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PART 2 State Hospital Care Measures

Overall rates of admission screening for risk of violence to self, risk of violence to others, substance use, psychological trauma history, and patient strengths at Eastern State Hospital and Western State Hospital



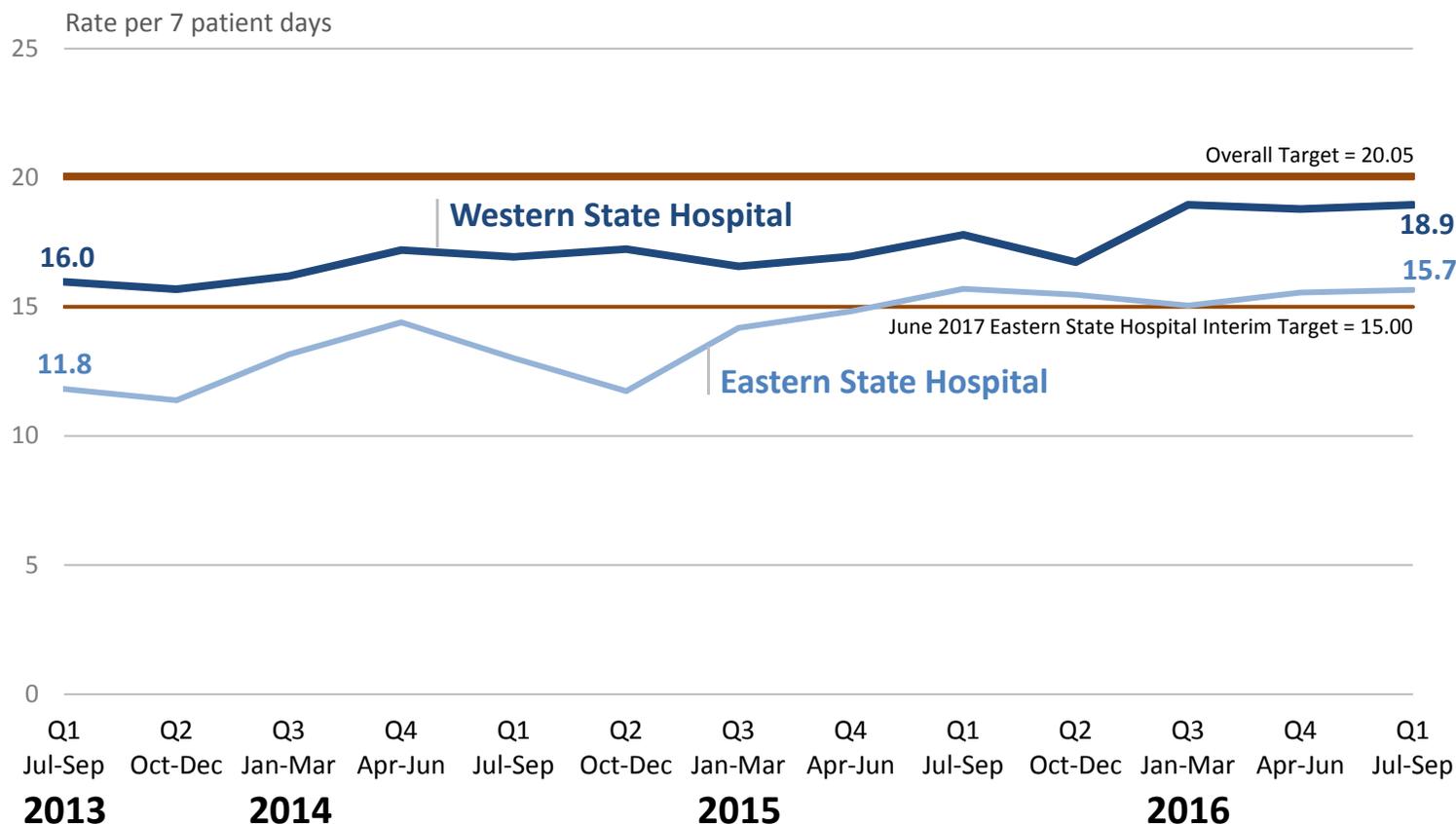
DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital. National average from NRI's HBIPS Comparative Statistics Report (HAP and BHC).

MEASURE DEFINITION: Overall rates of multi-factor admission screening conducted by the third day post admission. Measure is calculated when patient is discharged.

DATA NOTES: 1 Overall rate calculations: Numerator: Psychiatric inpatients with admission screening by the third day post admission for all of the following: a) risk of violence to self, b) risk of violence to others, c) substance use, d) psychological trauma history, and e) patient strengths. Denominator: All psychiatric inpatient discharges. 2 Included populations in the denominator are patients with ICD-9-CM Principal or Other Diagnosis Codes for Mental Disorders.



Quarterly rates of active treatment hours delivered per 7 patient days at Eastern State Hospital and Western State Hospital



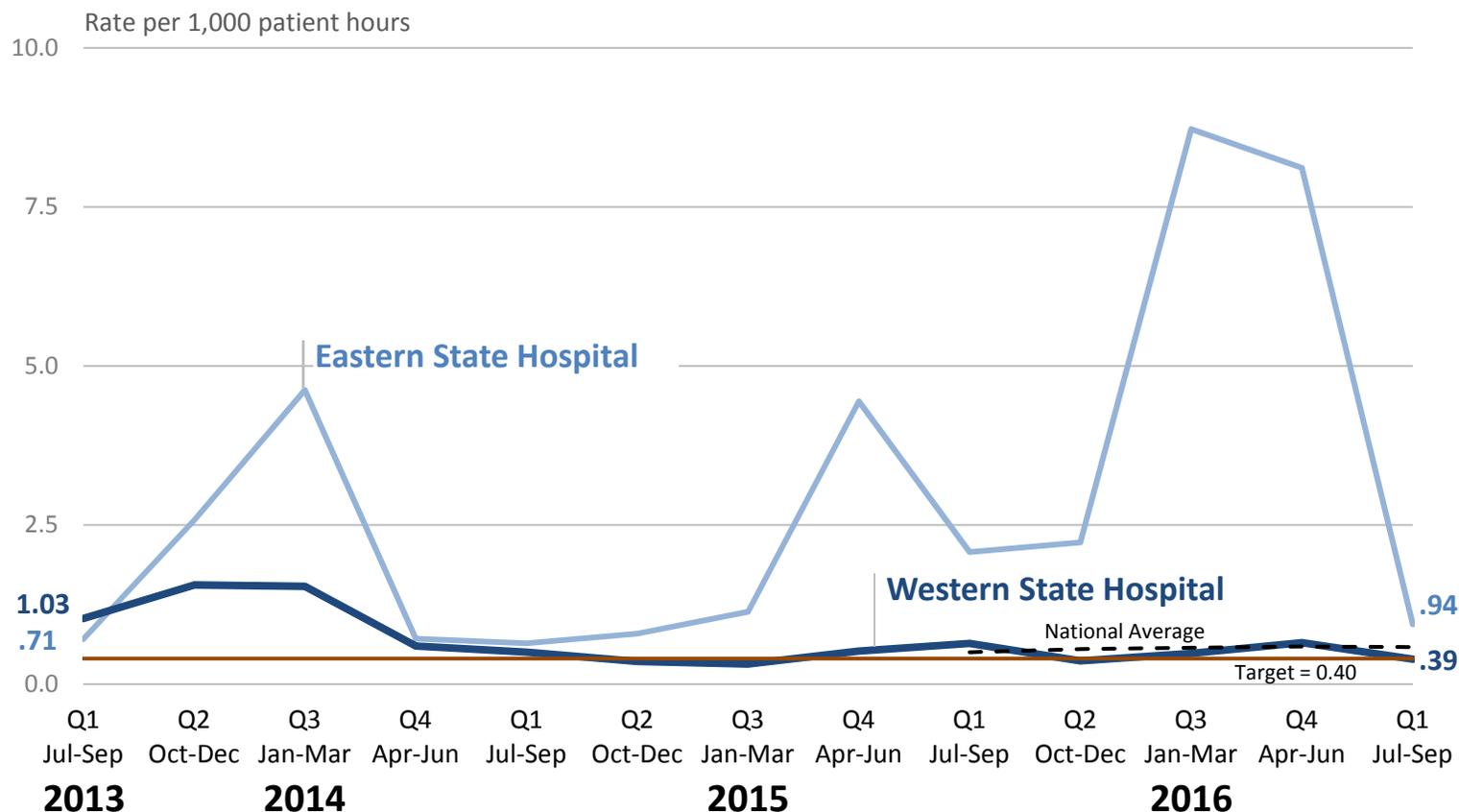
DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital.

MEASURE DEFINITION: Active treatment hours delivered (per 7 patient days) during the reporting quarter, at each of Eastern State Hospital and Western State Hospital.

DATA NOTES: **1** The performance targets will be reached on or prior to June 30, 2017. **2** The rate is calculated by dividing the number of active treatment hours delivered in a given quarter by the number of patient days utilized by a state hospital in that quarter; and then multiplying the quotient by seven. **3** Active treatment hours are distinctly tracked for each of the state hospitals, for purposes of calculating quarterly rates by facility.



Quarterly rates of seclusion hours at Eastern State Hospital and Western State Hospital



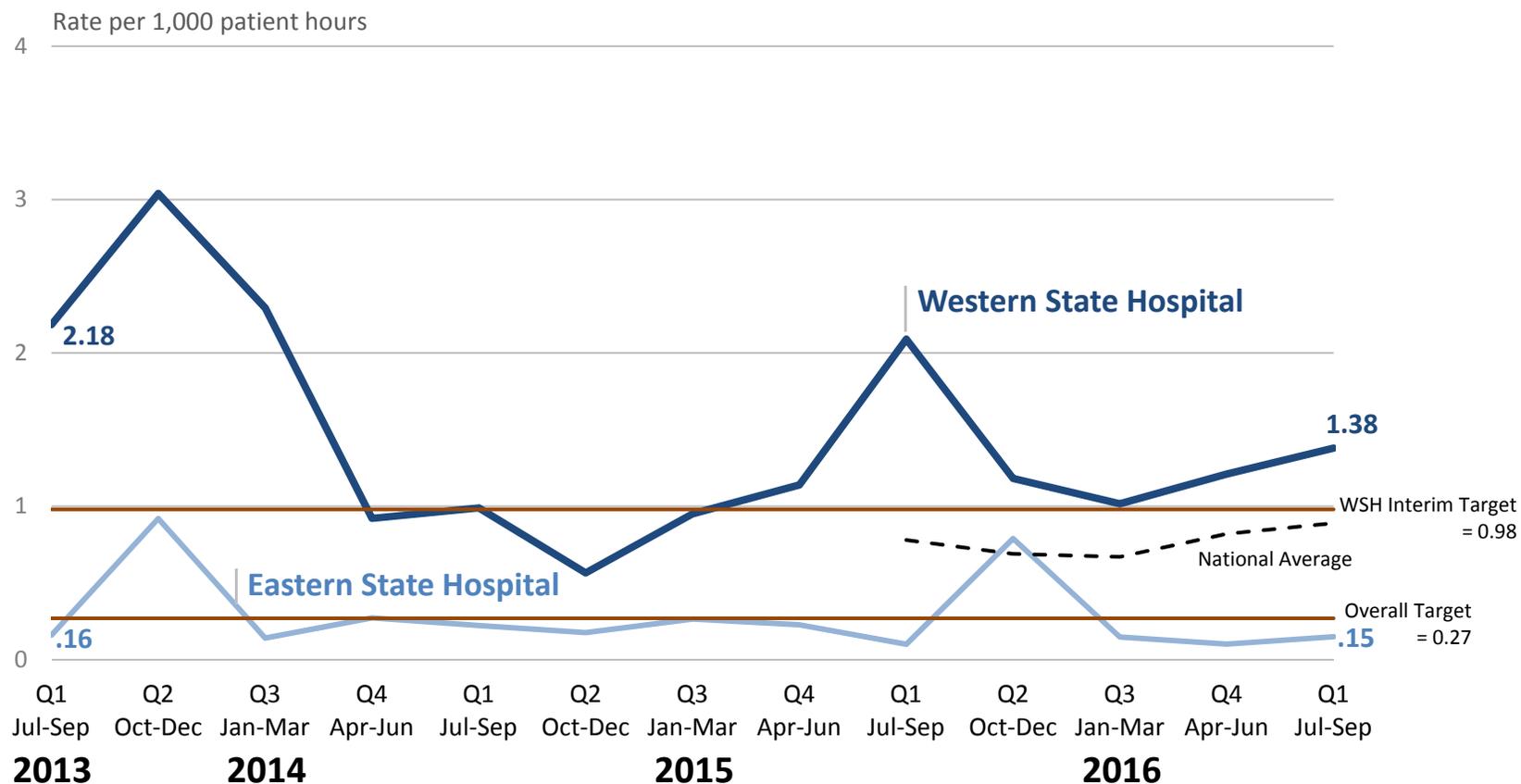
DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital. National average from NRI's HBIPS Comparative Statistics Report (HAP and BHC).

MEASURE DEFINITION: Seclusion hours accrued (per 1,000 patient hours) during the reporting quarter, at ESH and WSH.

DATA NOTES: 1 The performance targets will be reached on or prior to June 30, 2017.



Quarterly rates of restraint hours at Eastern State Hospital and Western State Hospital



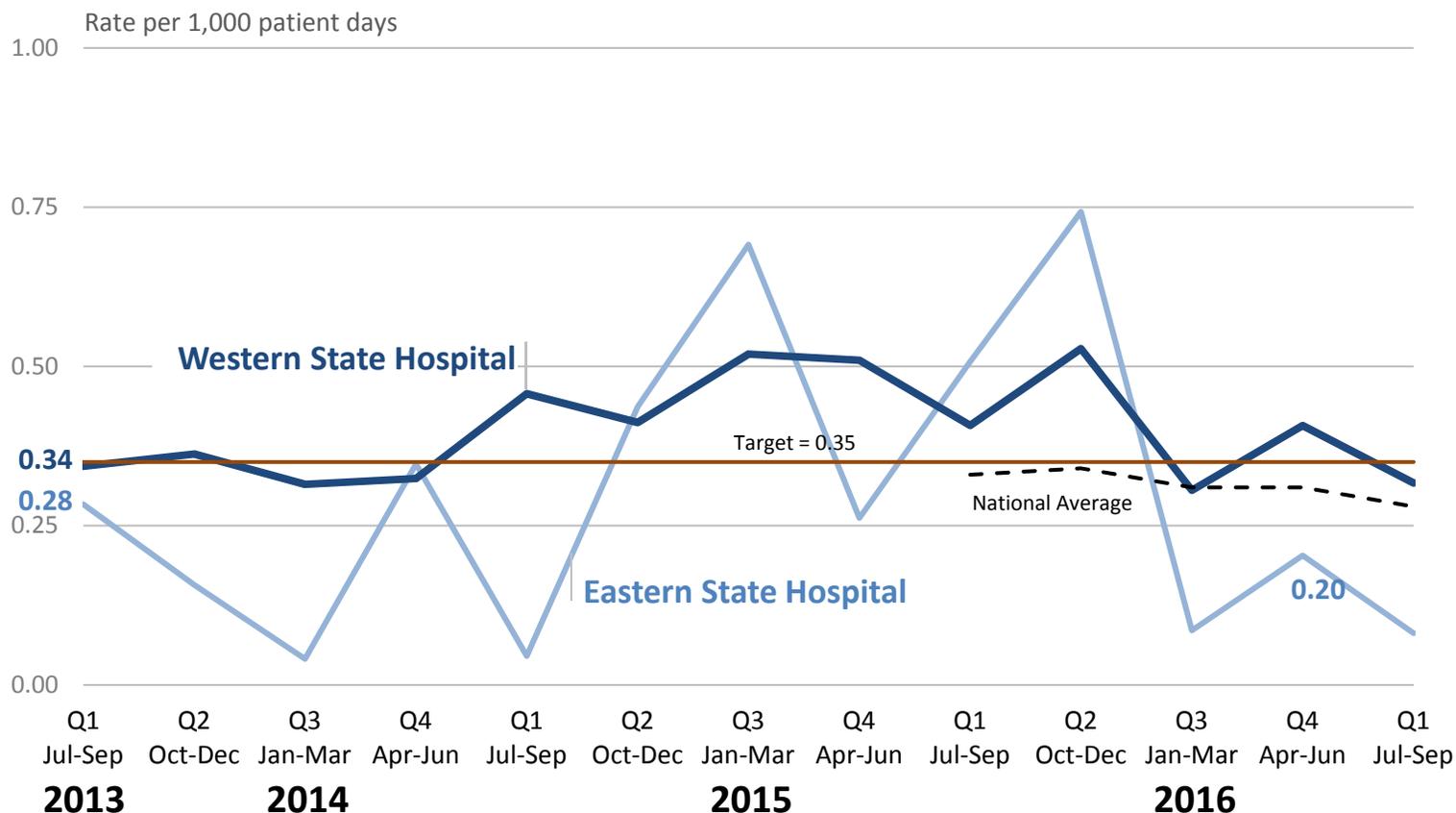
DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital. National average from NRI's HBIPS Comparative Statistics Report (HAP and BHC).

MEASURE DEFINITION: Restraint hours accrued (per 1,000 patient hours) during the reporting quarter, at ESH and WSH.

DATA NOTES: 1 The performance targets will be reached on or prior to June 30, 2017.



Severe patient injuries, including patient falls, at Eastern State Hospital and Western State Hospital



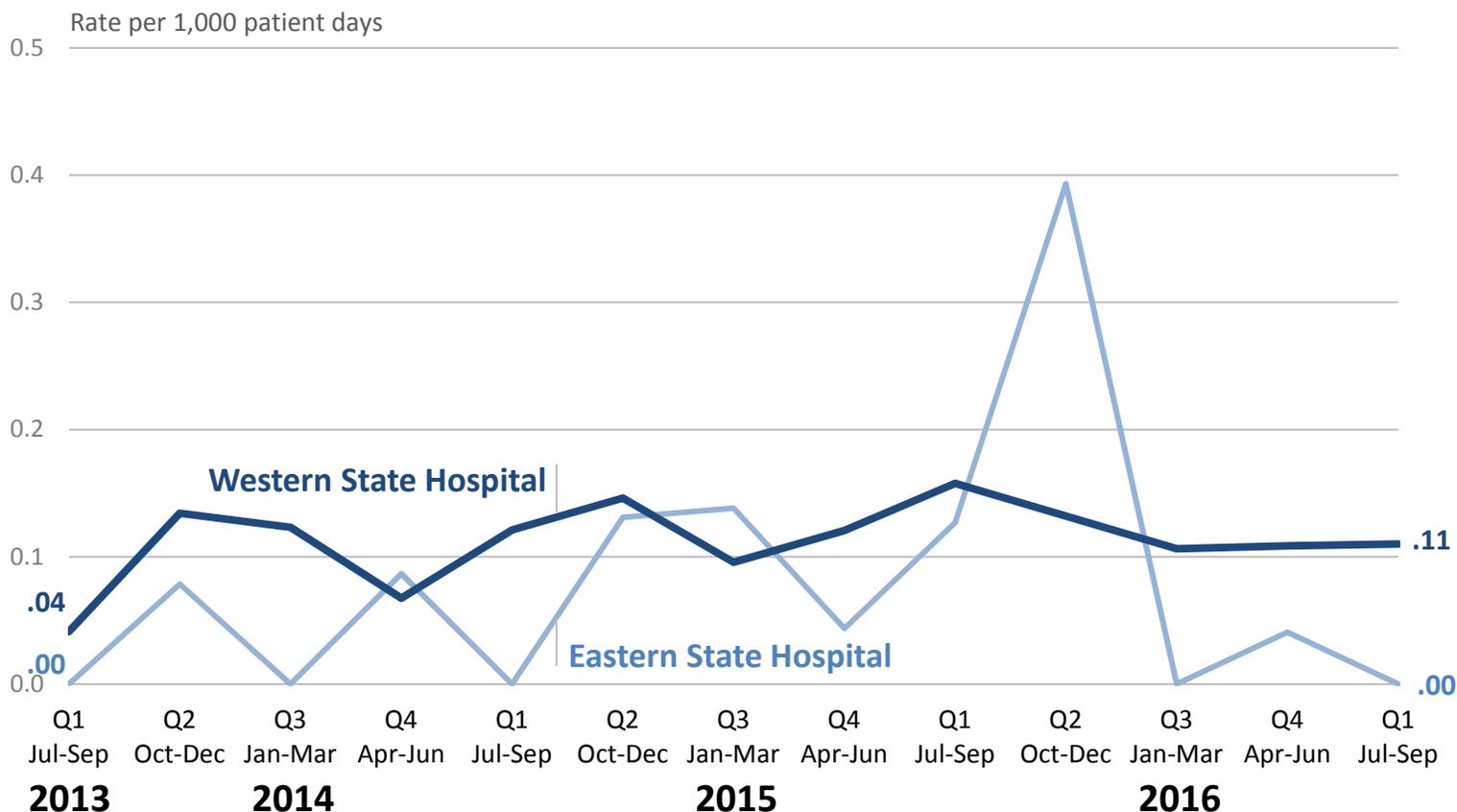
DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital. National average from NRI's Non-Core Comparative Statistics.

MEASURE DEFINITION: Rate of severe patient injury (reported during the reporting quarter) per 1,000 patient days, at Eastern State Hospital and Western State Hospital.

DATA NOTES: **1** Incidents are distinctly tracked for each of the state hospitals, for purposes of mapping rates by facility. **2** An injury occurs when a patient suffers physical harm or damage, excluding the result of a disease process. Severe patient injuries include all patient injuries with a severity level of "3" or higher (3 = medical intervention; 4 = hospitalization; 5 = death).



Patient-to-patient aggression incidents resulting in severe patient injury at Eastern State Hospital and Western State Hospital



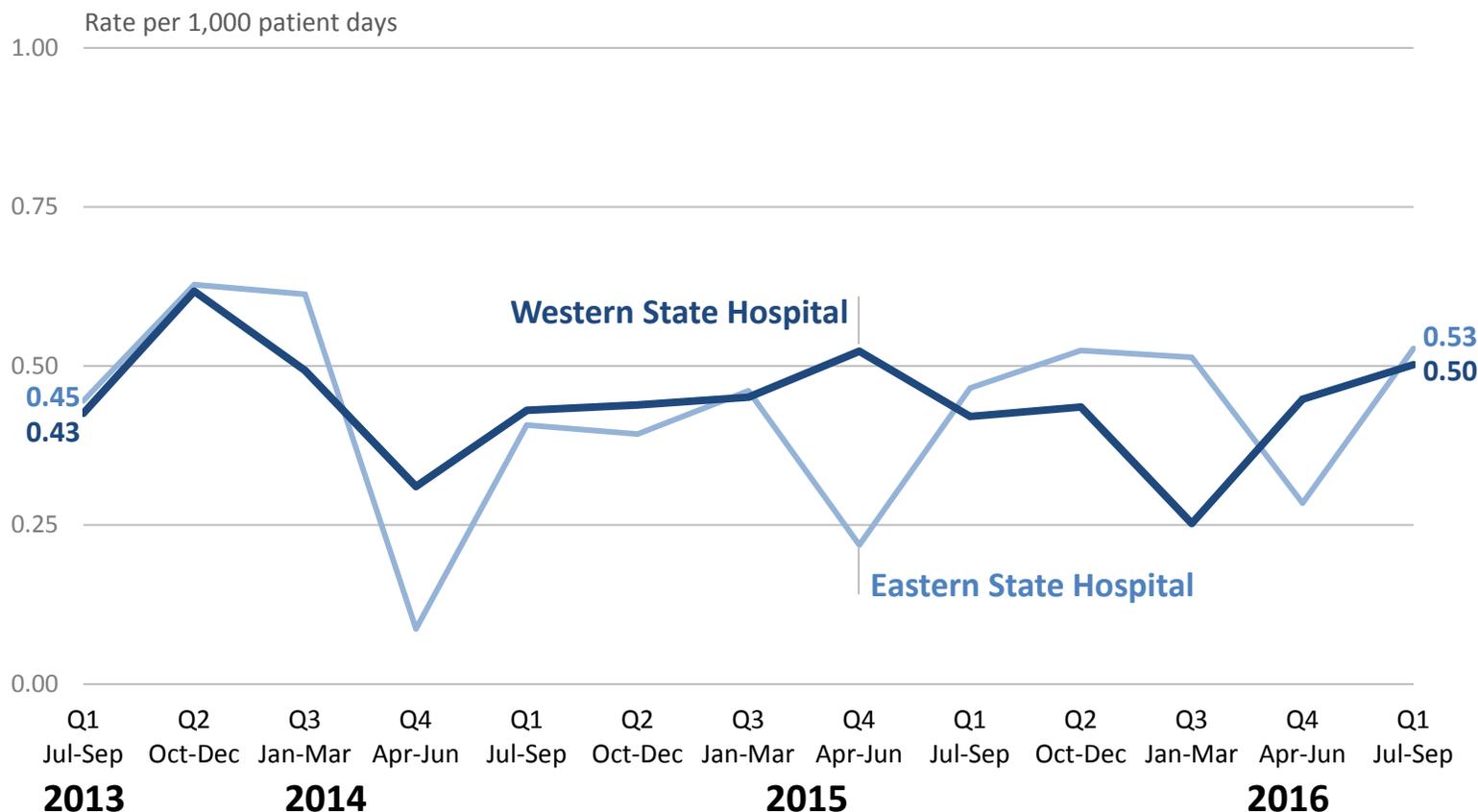
DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital.

MEASURE DEFINITION: Rate of patient-to-patient aggression incidents (reported during the reporting quarter) per 1,000 patient days, at Eastern State Hospital and Western State Hospital.

DATA NOTES: **1** Incidents are distinctly tracked for each of the state hospitals, for purposes of calculating rates by facility. **2** An injury occurs when a patient suffers physical harm or damage, excluding the result of a disease process. Severe patient injuries include all patient injuries with a severity level of "3" or higher (3 = medical intervention; 4 = hospitalization; 5 = death).



Rate of patient-to-staff assault claims filed at the state psychiatric hospitals



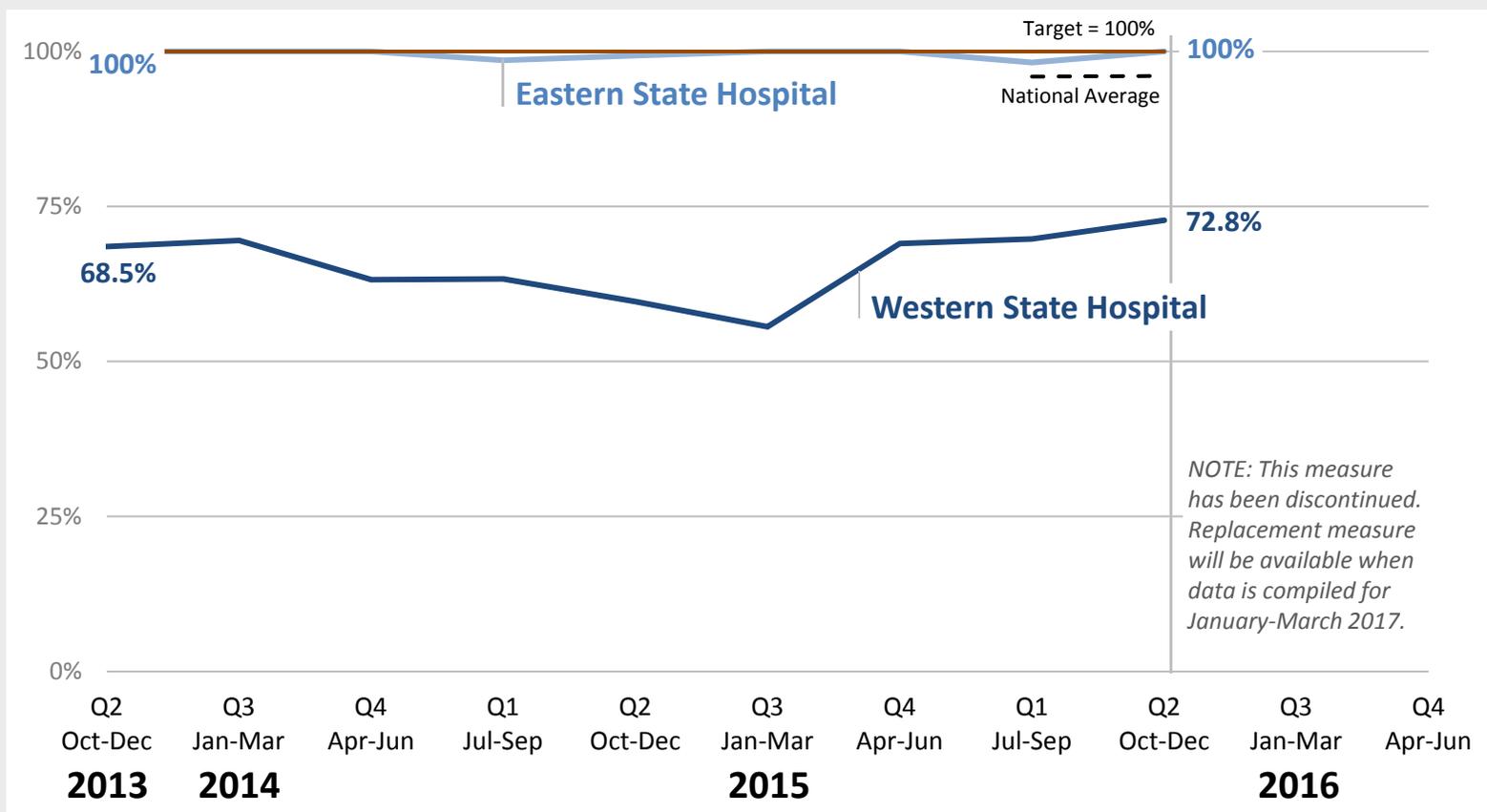
DATA SOURCE: Quarterly Assault Benefit (AB) Report, Enterprise Risk Management Office, DSHS.

MEASURE DEFINITION: Assault claims filed per 1,000 patient bed days during the reporting quarter, at Eastern State Hospital and Western State Hospital.

DATA NOTES: **1** Data has a minimum claims lag of 3 months. **2** Includes the Program for Assisted Living Skills (PALS) up to March 2011. PALS closed in February 2011. **3** The rate per 1,000 is the number of assault claims filed divided by the patient days for the quarter and multiplied by 1,000.



Overall rates of post discharge continuing care plans created at Eastern State Hospital and Western State Hospital



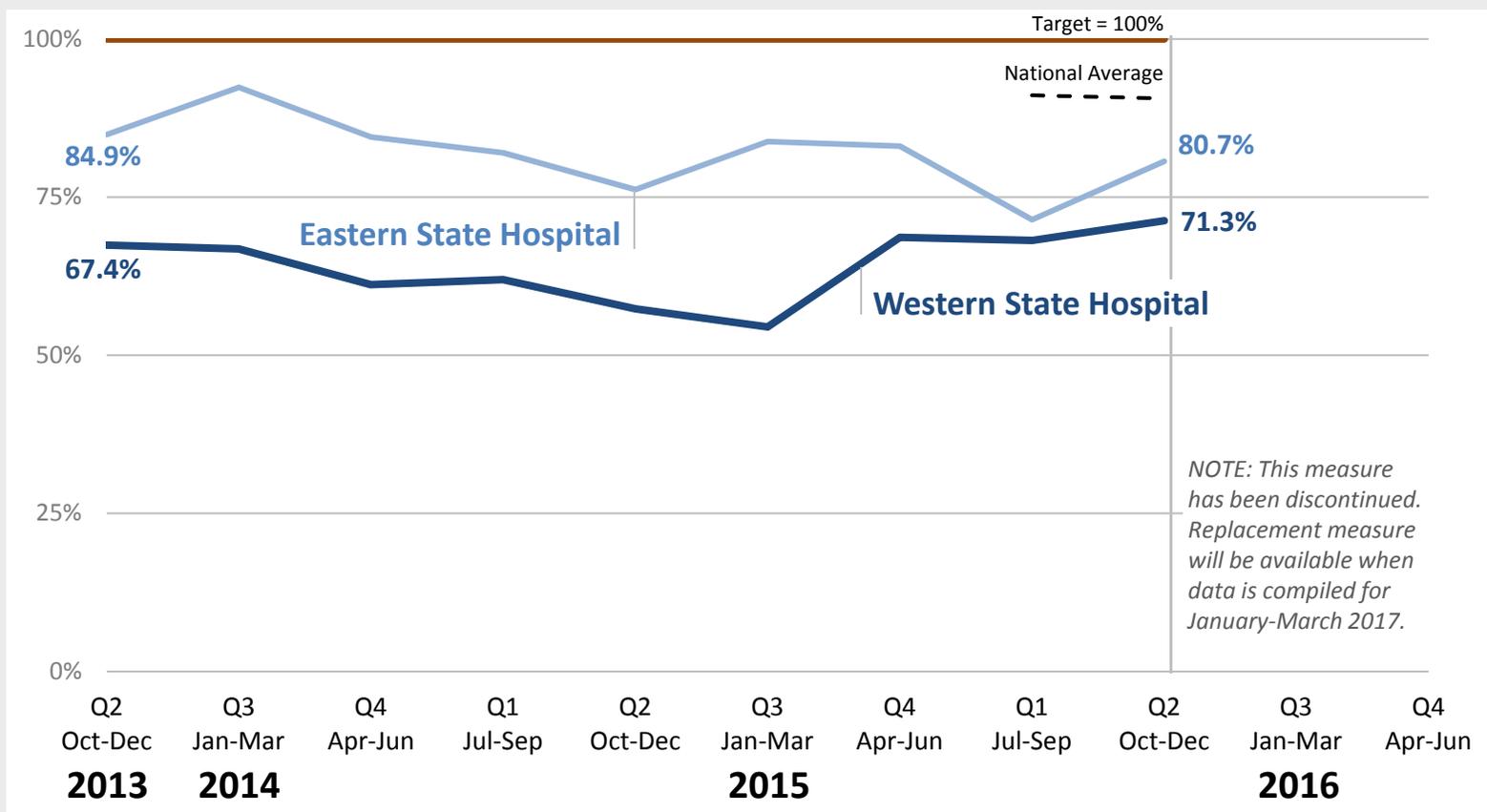
DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital. National average from NRI's HBIPS Comparative Statistics Report (HAP and BHC).

MEASURE DEFINITION: Overall rates of post discharge continuing care plan.

DATA NOTES: **1** This measure has been discontinued as a Hospital-Based Inpatient Psychiatric Services Measure. Related replacement measures will be available when data is compiled for January-March 2017. **2** Overall rate calculations: Numerator: Inpatients for whom the post discharge continuing care plan is created and contains all of the following: reason for hospitalization, principal discharge diagnosis, discharge medications and next level of care recommendations. Denominator: Inpatient discharges. **3** Included populations: Patients referred for next level of care with mental disorder diagnoses.

Overall rates of post discharge continuing care plans transmitted to next level of care provider upon discharge at Eastern State Hospital and Western State Hospital

UNCHANGED FROM NOV. 2016



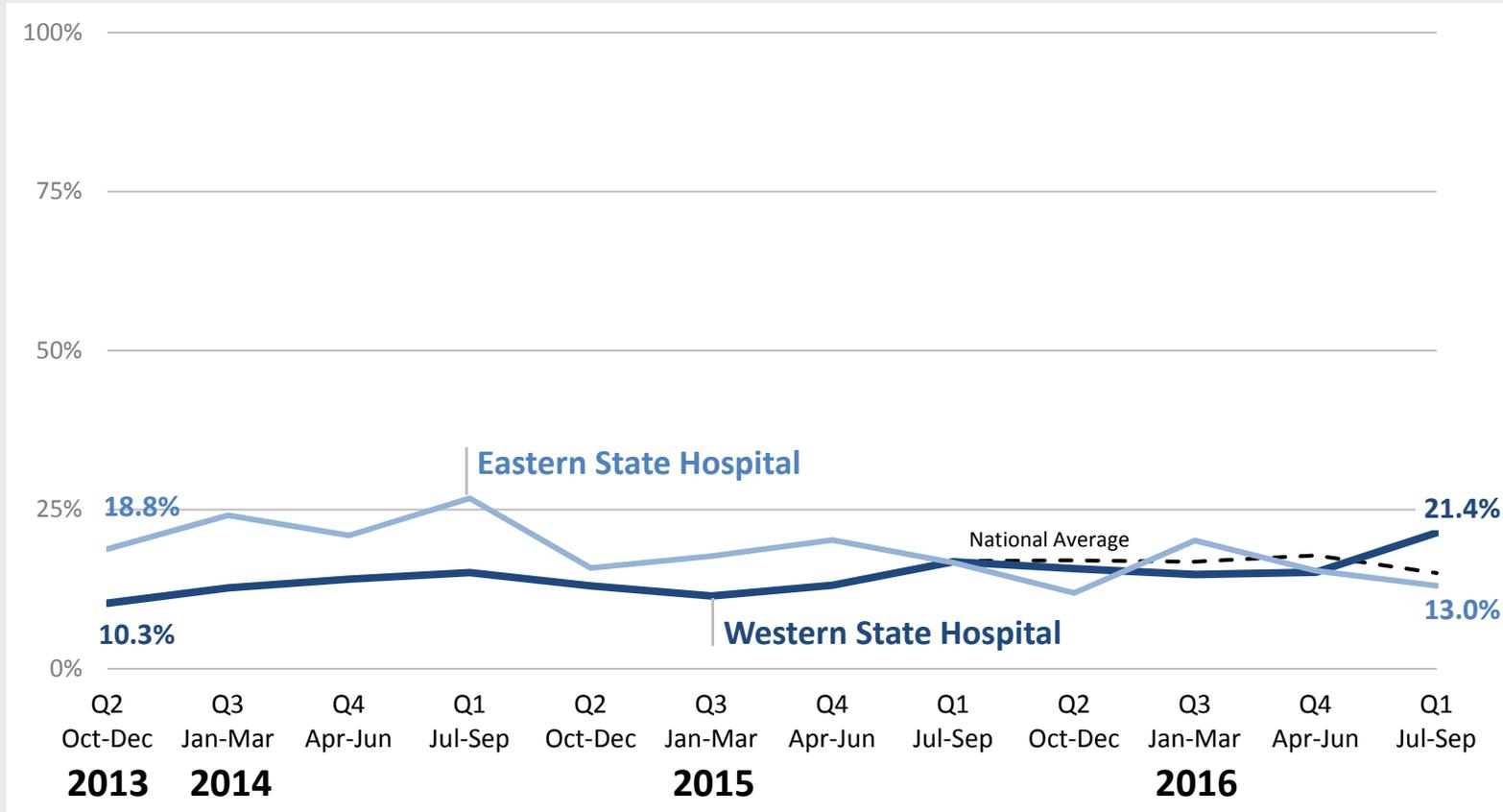
DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital. National average from NRI's HBIPS Comparative Statistics Report (HAP and BHC).

MEASURE DEFINITION: Overall rates of post discharge continuing care plan transmitted to next level of care provider upon discharge.

DATA NOTES: **1** This measure has been discontinued as a Hospital-Based Inpatient Psychiatric Services Measure. Related replacement measures will be available when data is compiled for January-March 2017. **2** Overall rate calculations: Numerator: inpatients for whom the post discharge continuing care plan was transmitted to the next level of care clinician or entity. Denominator: inpatient discharges. **3** Included populations: Patients referred for next level of care with mental disorder diagnoses.



Overall rates of patients discharged on multiple antipsychotic medications at Eastern State Hospital and Western State Hospital

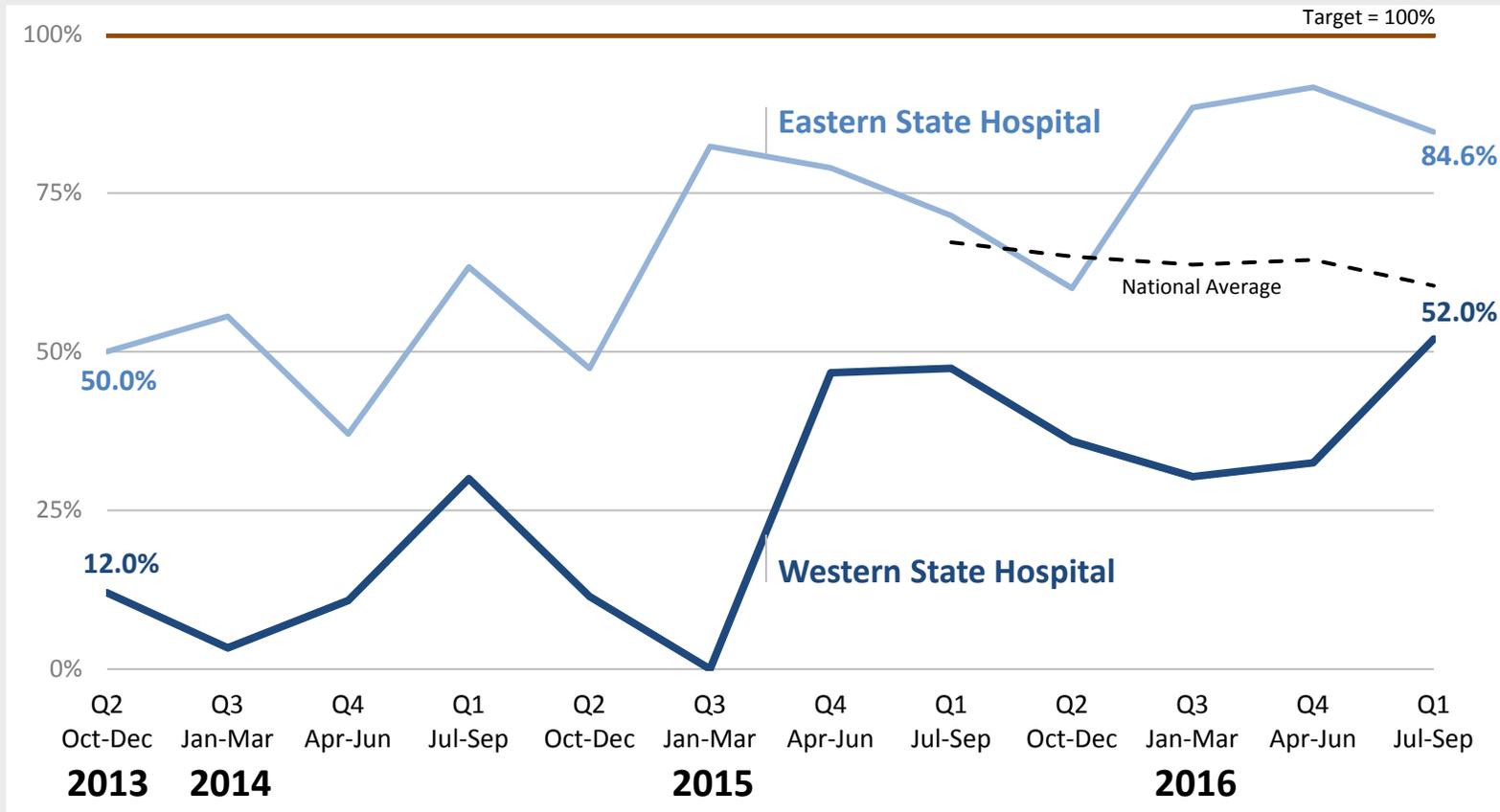


DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital. National average from NRI's HBIPS Comparative Statistics Report (HAP and BHC).

MEASURE DEFINITION: Overall rates of patients discharged from a hospital-based inpatient psychiatric setting on two or more antipsychotic medications.

DATA NOTES: **1** Overall rate calculations: Numerator: number of psychiatric inpatients discharged on two or more routinely scheduled antipsychotic medications. Denominator: Psychiatric inpatients discharged on one or more routinely scheduled antipsychotic medications. **2** Included populations in the denominator are patients with ICD-9-CM Principal or Other Diagnosis Codes for Mental Disorders.

Overall rates of patients discharged on multiple antipsychotic medications with appropriate justification at Eastern State Hospital and Western State Hospital



DATA SOURCE: Reports from Eastern State Hospital and Western State Hospital. National average from NRI's HBIPS Comparative Statistics Report (HAP and BHC).

MEASURE DEFINITION: Overall rates of patients discharged a hospital-based inpatient psychiatric setting on two or more antipsychotic medications with appropriate justification.

DATA NOTES: **1** Overall rate calculations: Numerator: psychiatric inpatients discharged on two or more routinely scheduled antipsychotic medications with appropriate justification. Denominator: psychiatric inpatient discharges on two or more routinely scheduled antipsychotic medications. **2** Included populations in the denominator are patients with ICD-9-CM Principal or Other Diagnosis Codes for Mental Disorders.



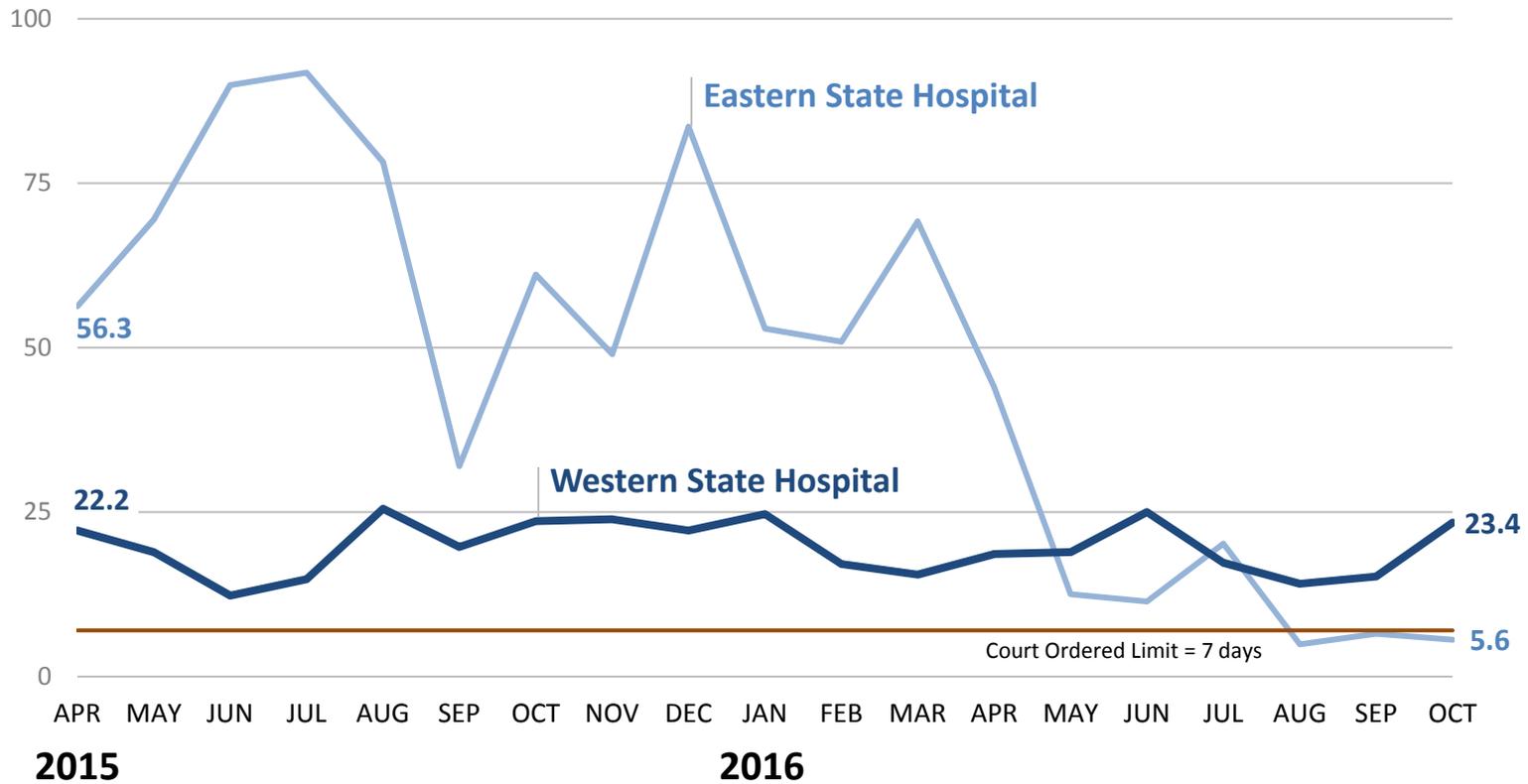
Getty Images/iStock

PART 3

Measures Related to the Trueblood Case

Inpatient Competency Evaluations

Timely response to Trueblood class member court orders
 Average number of days from court order signature to hospital admission for evaluation



DATA SOURCE: Monthly Report to the Trueblood Court Appointed Monitor, completed by Behavioral Health Administration, Office of Forensic Mental Health Services.

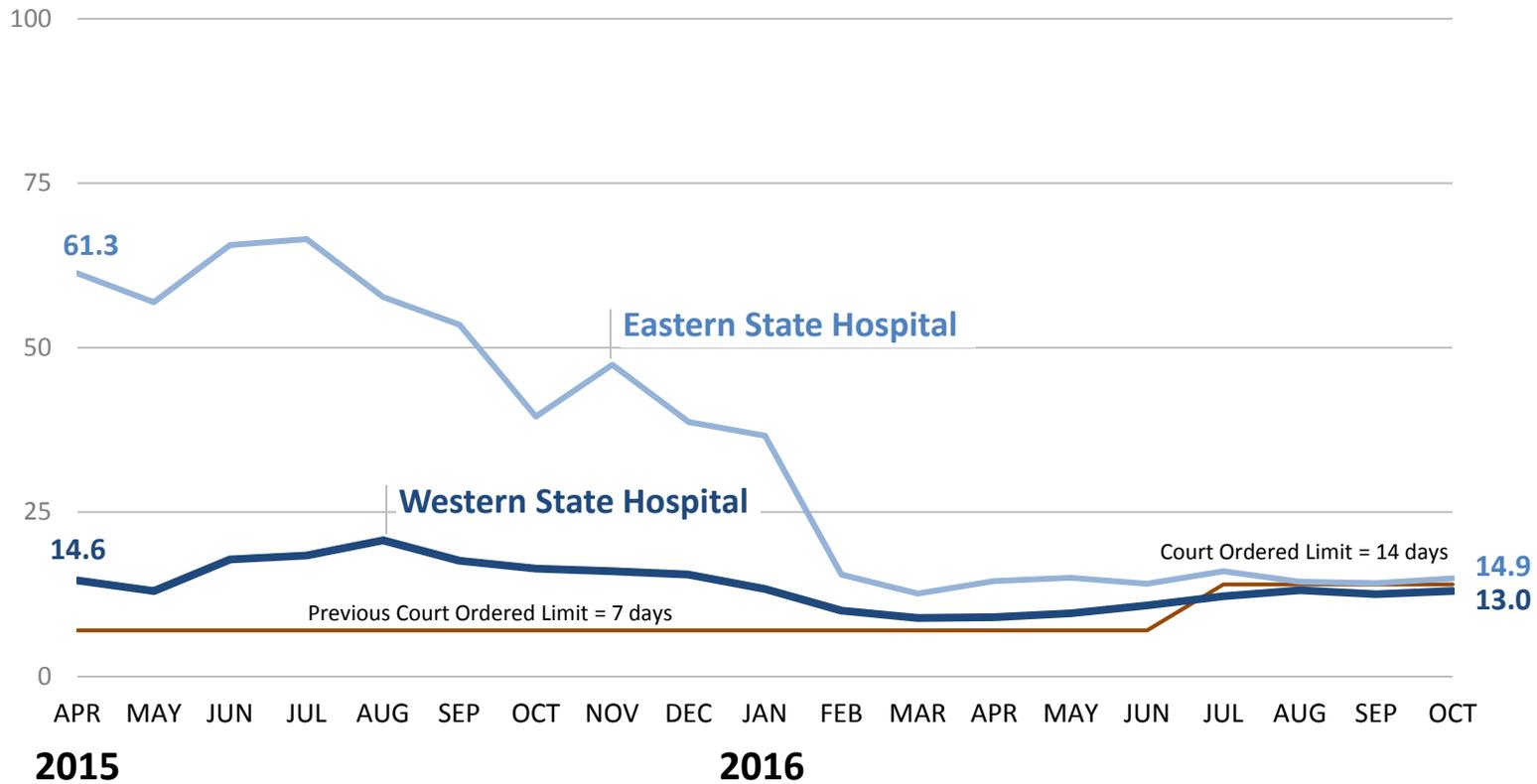
MEASURE DEFINITION: For all Trueblood class member court orders for inpatient competency evaluations completed in the month, the average number of days from order signature to hospital admission for evaluation.

DATA NOTES: 1 The most recent month's data is a first look data set, while the previous month's data are considered "mature."



Jail-based Competency Evaluations

Timely response to Trueblood class member court orders
 Average number of days from court order signature to completed evaluation



DATA SOURCE: Monthly Report to the Trueblood Court Appointed Monitor, completed by Behavioral Health Administration, Office of Forensic Mental Health Services.

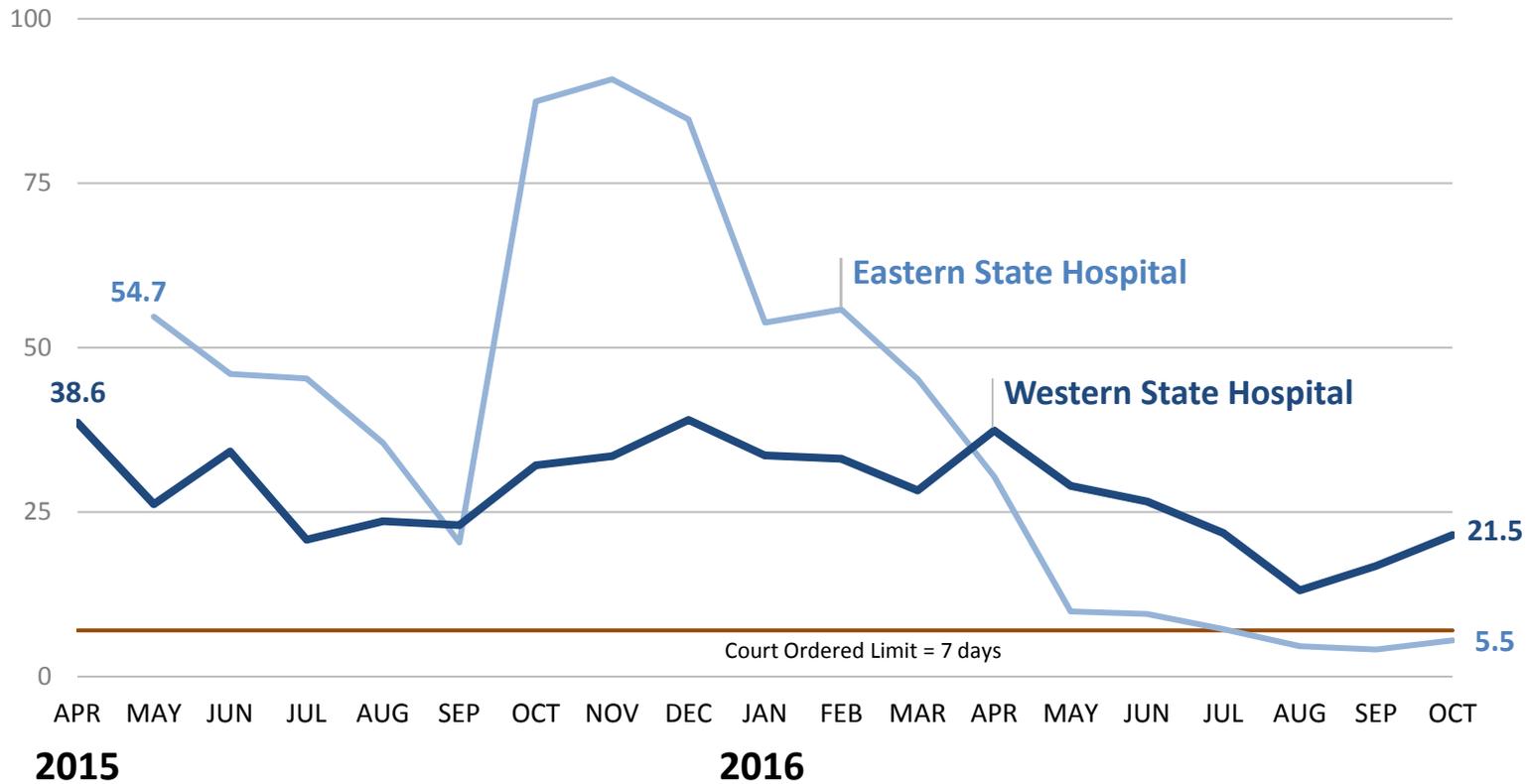
MEASURE DEFINITION: For all Trueblood class member court orders for jail-based competency evaluations completed in the month, the average number of days from order signature to completed evaluation.

DATA NOTES: 1 The most recent month's data is a first look data set, while the previous month's data are considered "mature."



Restoration Services

Timely response to Trueblood class member court orders
Average number of days from court order signature to hospital admission



DATA SOURCE: Monthly Report to the Trueblood Court Appointed Monitor, completed by Behavioral Health Administration, Office of Forensic Mental Health Services.

MEASURE DEFINITION: For all court orders for competency restoration placement completed in the month, the average number of days from order signature to hospital admission.

DATA NOTES: 1 There were no completed court orders for restoration services for Eastern State Hospital in April 2015. 2 The most recent month's data is a first look data set, while the previous month's data are considered "mature."





Getty Images/iStock

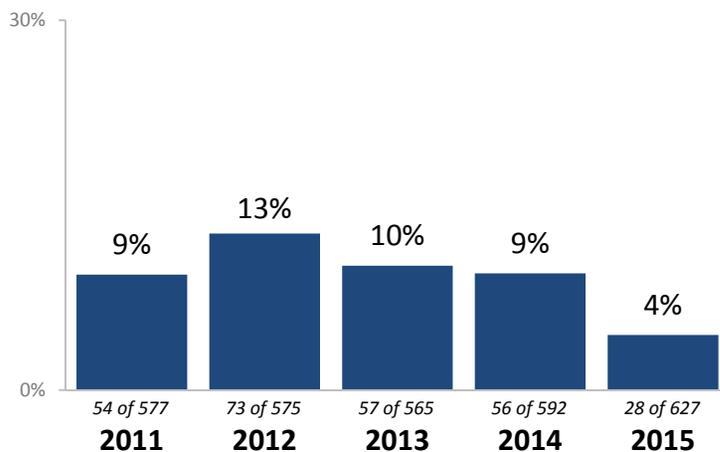
PART 4 Outcomes after Discharge

Forensic Discharges with Psychiatric Readmission*

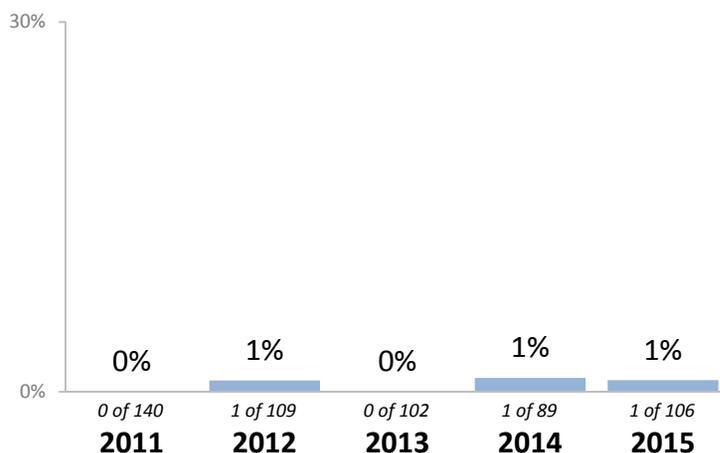
Percent by index-discharge facility by State Fiscal Year

30-DAY PSYCHIATRIC READMISSION

Western State Hospital – Forensic

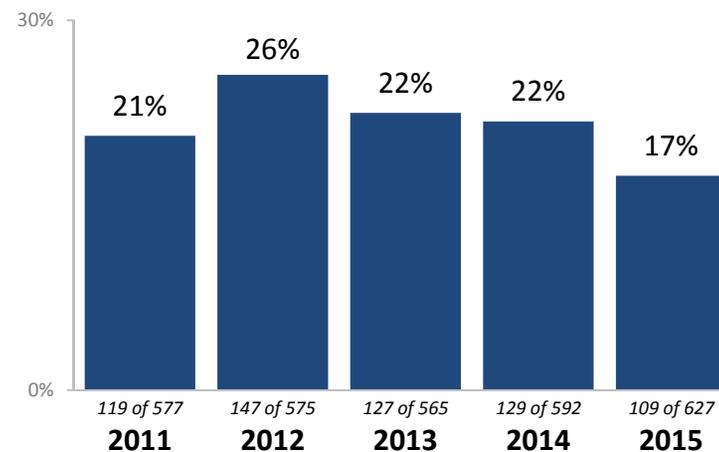


Eastern State Hospital – Forensic

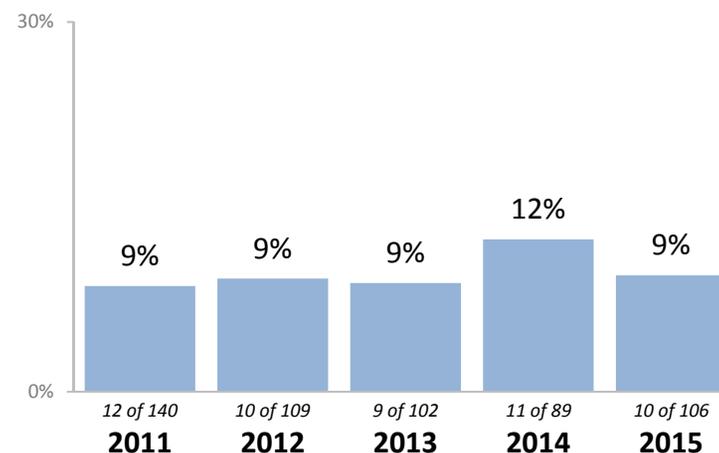


180-DAY PSYCHIATRIC READMISSION

Western State Hospital – Forensic



Eastern State Hospital – Forensic



SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

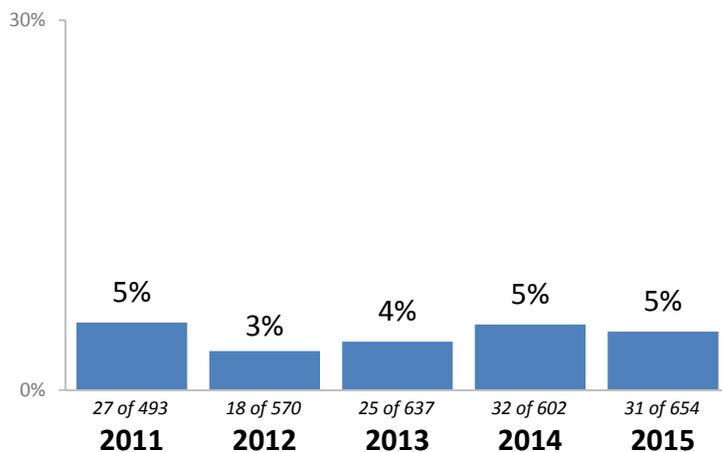
NOTE: *Readmission to any psychiatric inpatient setting is included.

Civil Discharges with Psychiatric Readmission *

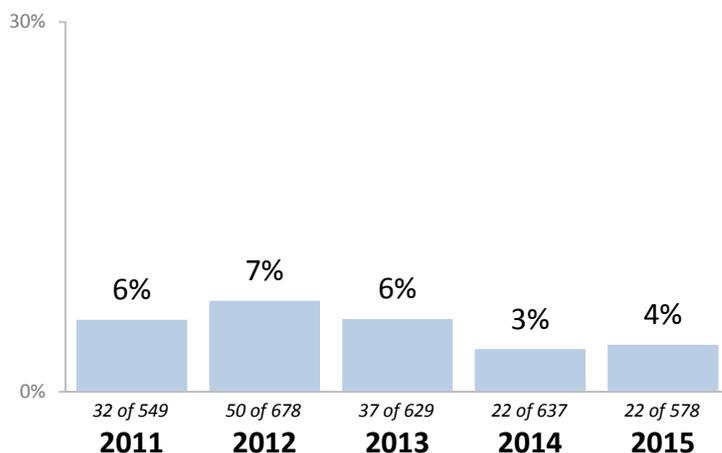
Percent by index-discharge facility by State Fiscal Year

30-DAY PSYCHIATRIC READMISSION

Western State Hospital – Civil

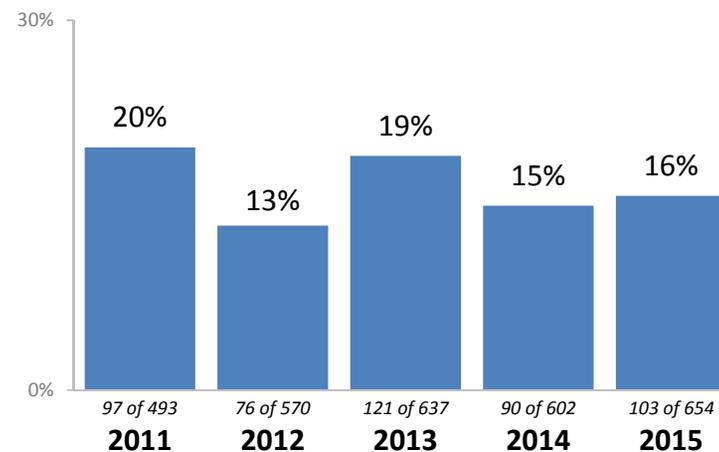


Eastern State Hospital – Civil

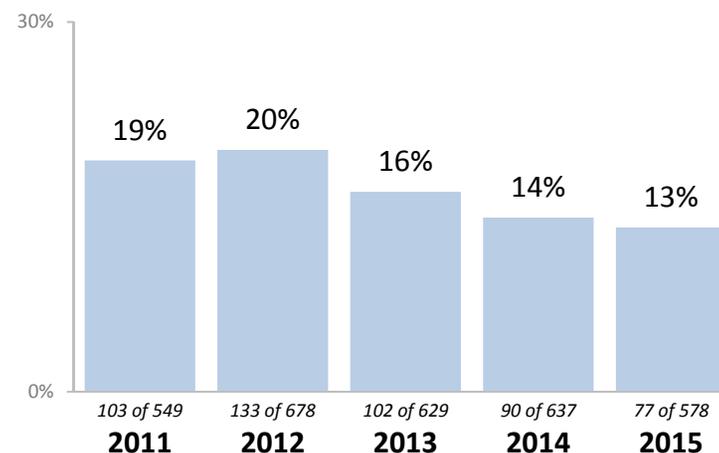


180-DAY PSYCHIATRIC READMISSION

Western State Hospital – Civil



Eastern State Hospital – Civil

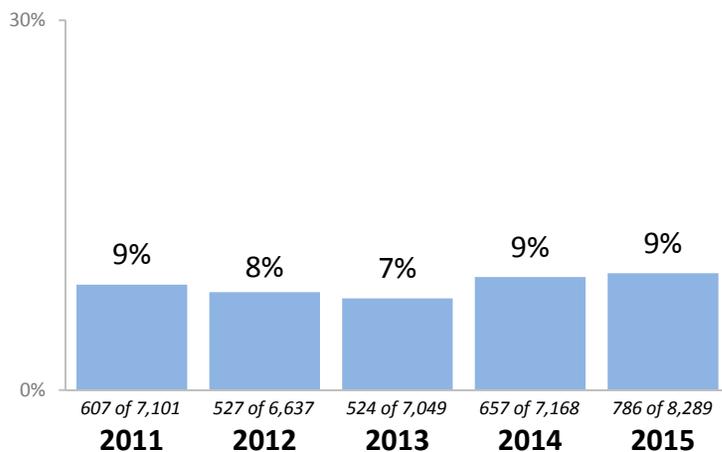


Community Hospital and E&T Discharges with Psychiatric Readmission*

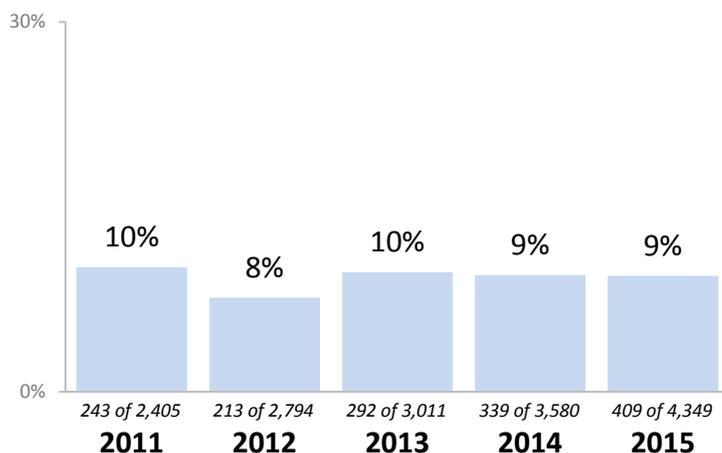
Percent by index-discharge facility by State Fiscal Year

30-DAY PSYCHIATRIC READMISSION

Community Hospitals

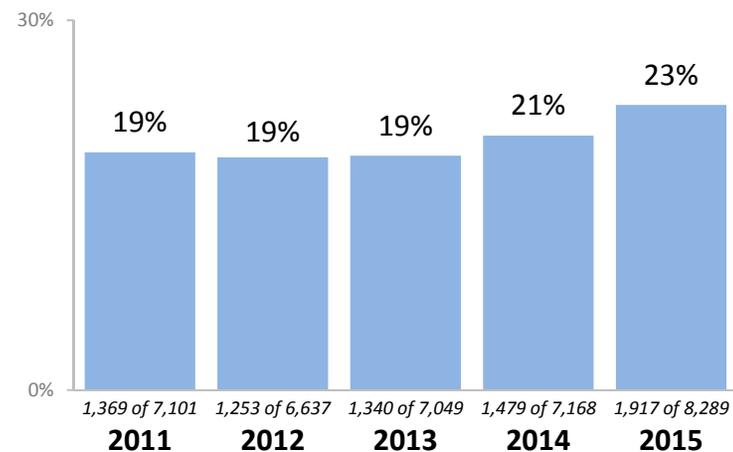


Evaluation & Treatment Centers

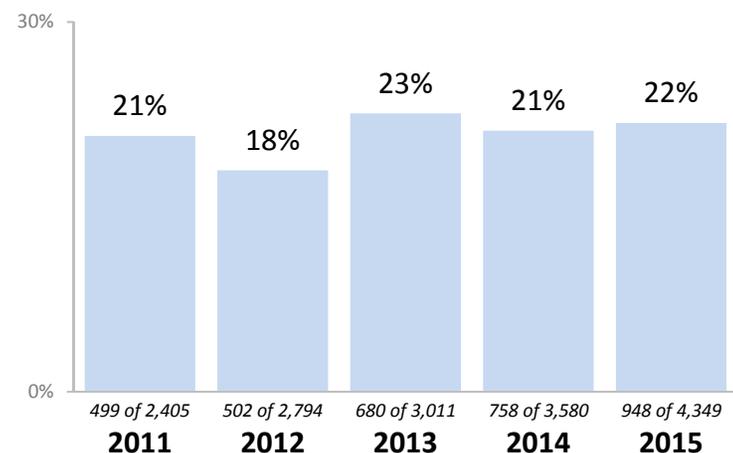


180-DAY PSYCHIATRIC READMISSION

Community Hospitals



Evaluation & Treatment Centers



SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

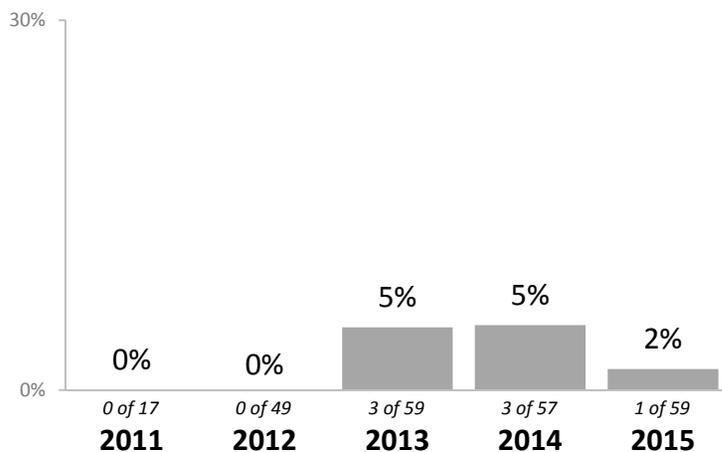
NOTE: *Readmission to any psychiatric inpatient setting is included.

Child Facility Discharges with Psychiatric Readmission*

Percent by index-discharge facility by State Fiscal Year

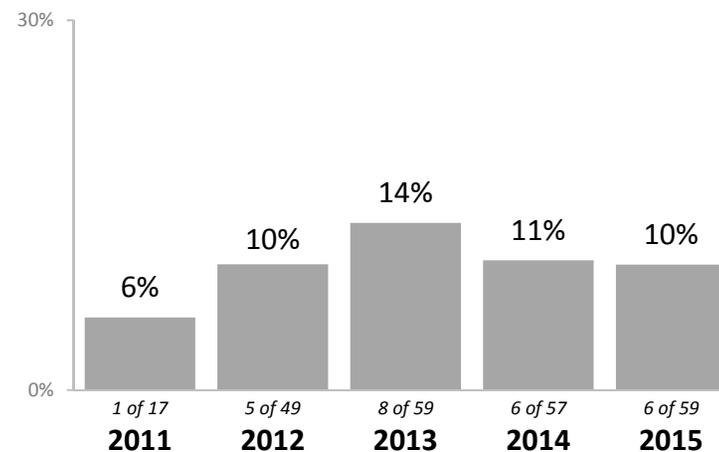
30-DAY PSYCHIATRIC READMISSION

Children's Long-Term Inpatient Programs

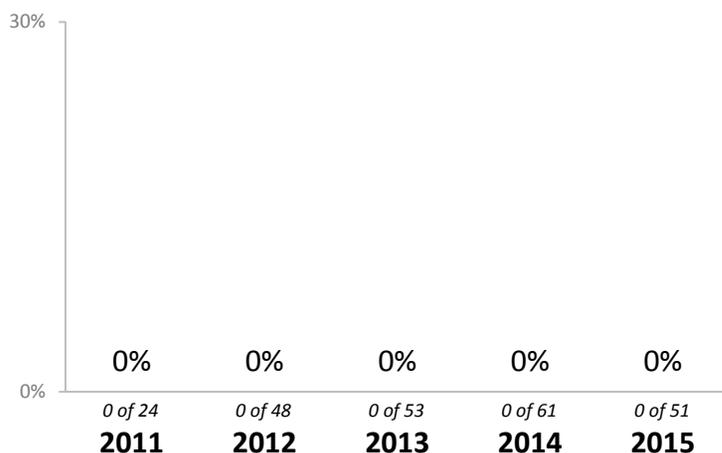


180-DAY PSYCHIATRIC READMISSION

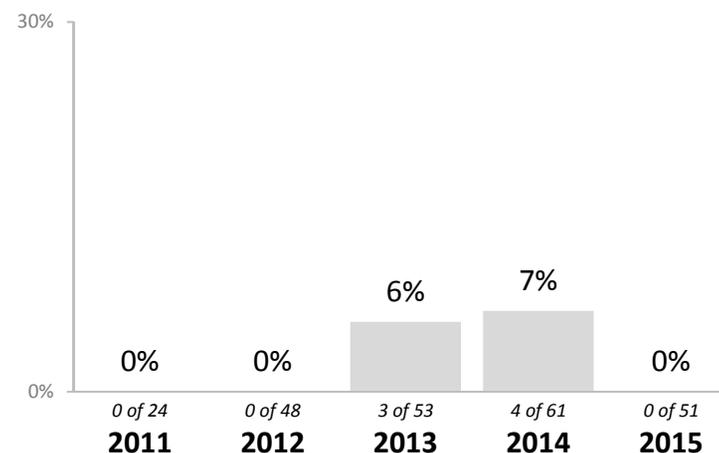
Children's Long-Term Inpatient Programs



Child Study & Treatment Center



Child Study & Treatment Center



SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

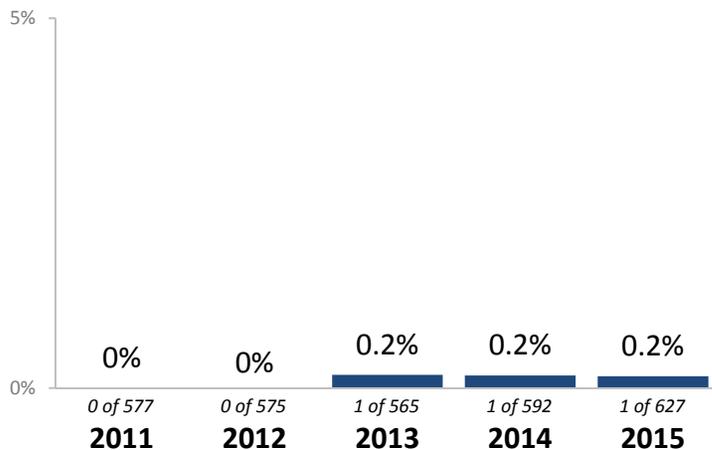
NOTE: *Readmission to any psychiatric inpatient setting is included.

Forensic Discharges with Death Occurring Following Exit

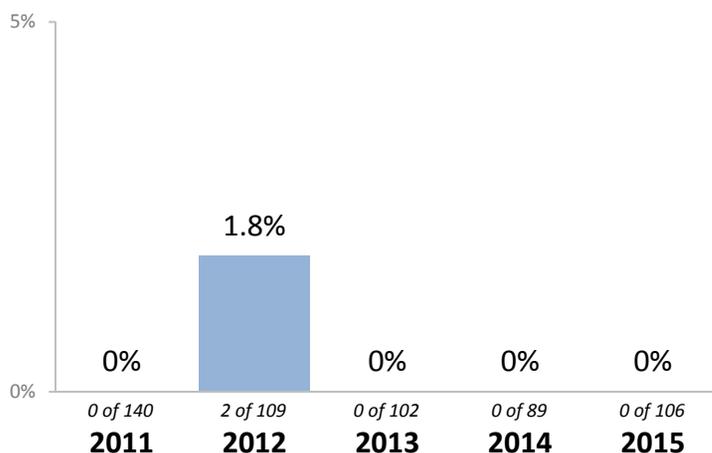
Percent by index-discharge facility by State Fiscal Year

DEATH WITHIN 30 DAYS

Western State Hospital – Forensic

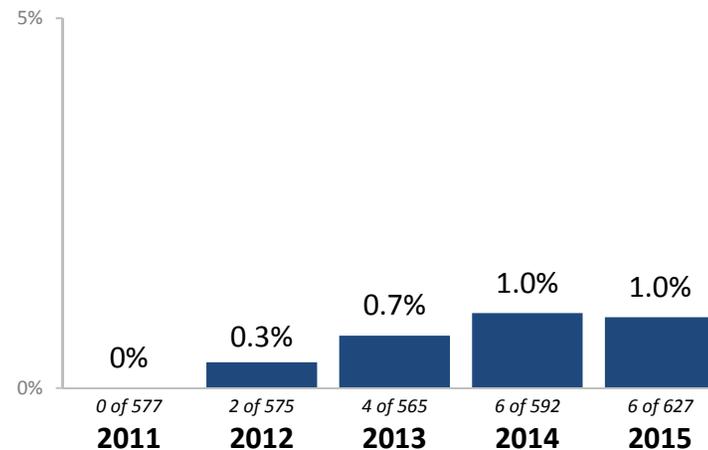


Eastern State Hospital – Forensic

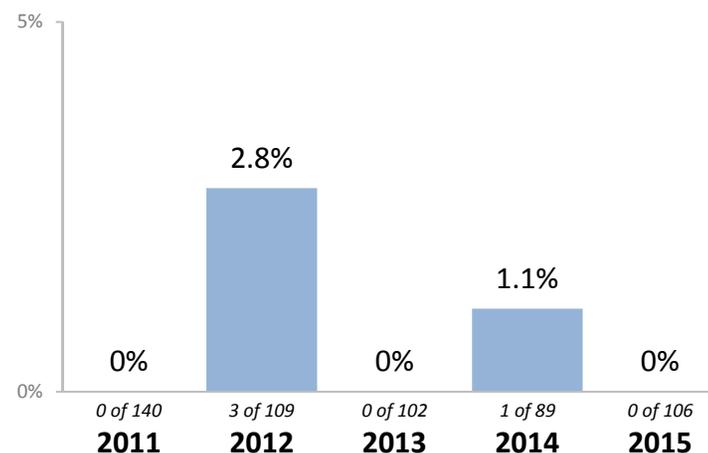


DEATH WITHIN 180 DAYS

Western State Hospital – Forensic



Eastern State Hospital – Forensic

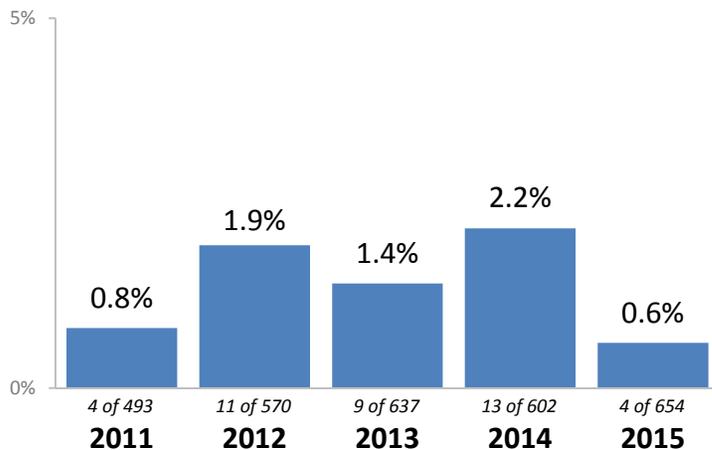


Civil Discharges with Death Occurring Following Exit

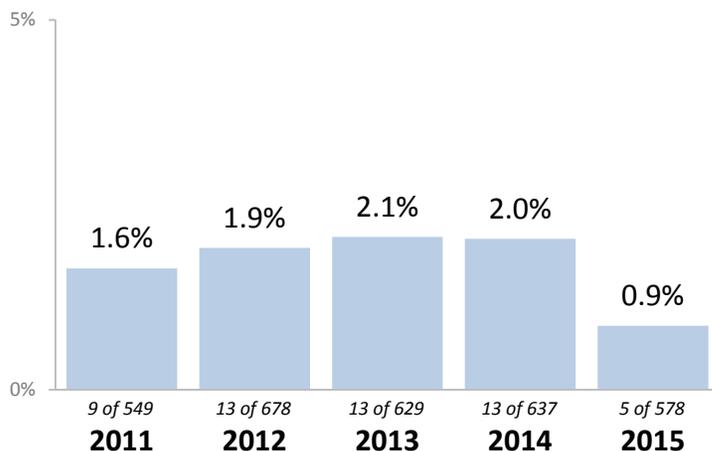
Percent by index-discharge facility by State Fiscal Year

DEATH WITHIN 30 DAYS

Western State Hospital – Civil

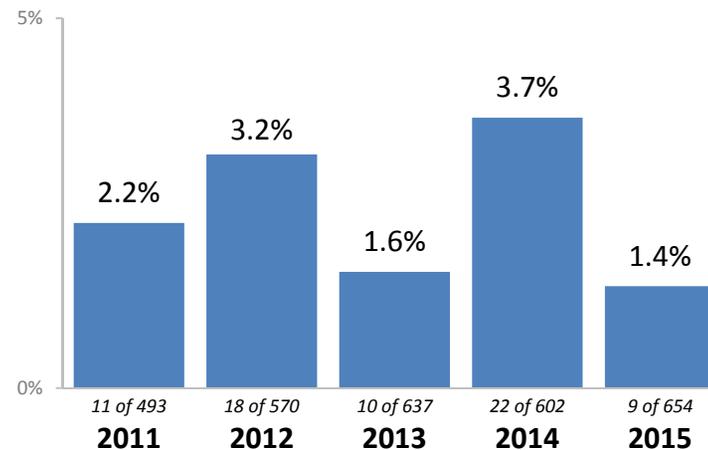


Eastern State Hospital – Civil

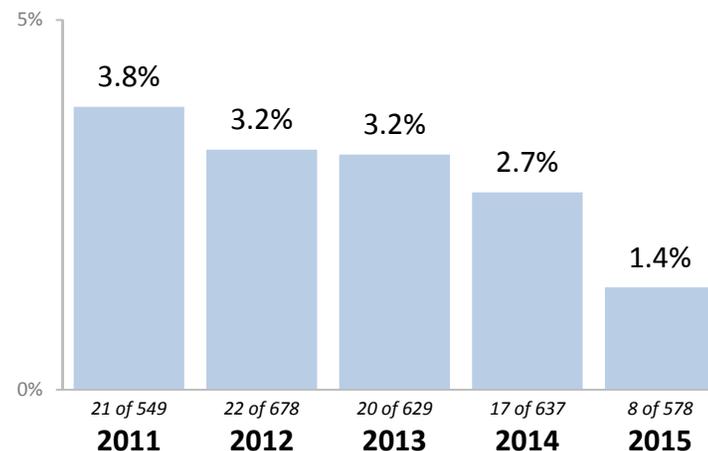


DEATH WITHIN 180 DAYS

Western State Hospital – Civil



Eastern State Hospital – Civil

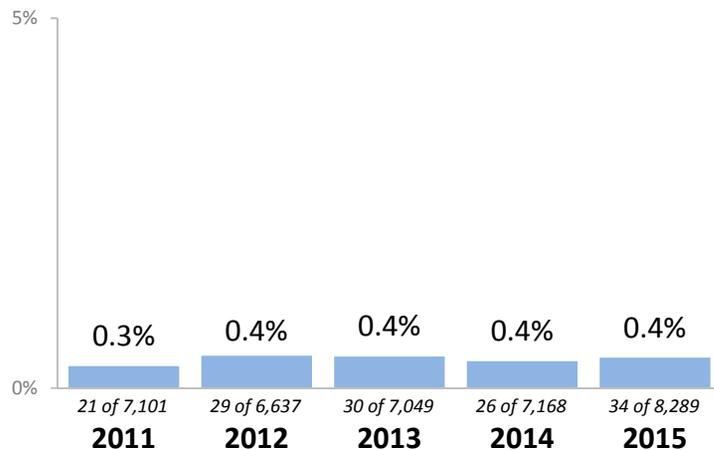


Community Hospital and E&T Discharges with Death Occurring Following Exit

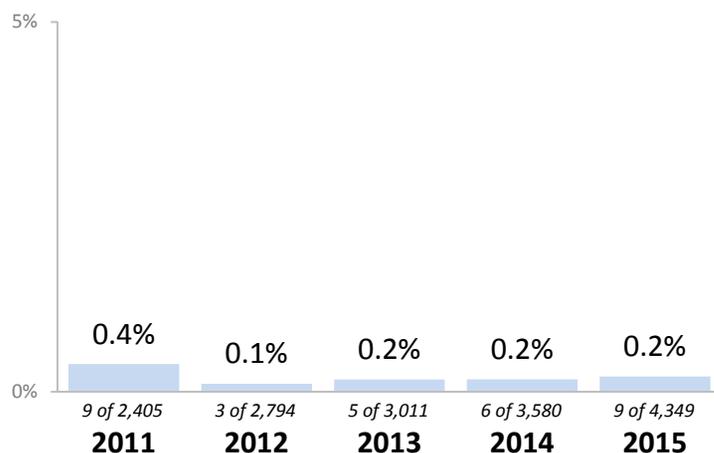
Percent by index-discharge facility by State Fiscal Year

DEATH WITHIN 30 DAYS

Community Hospitals

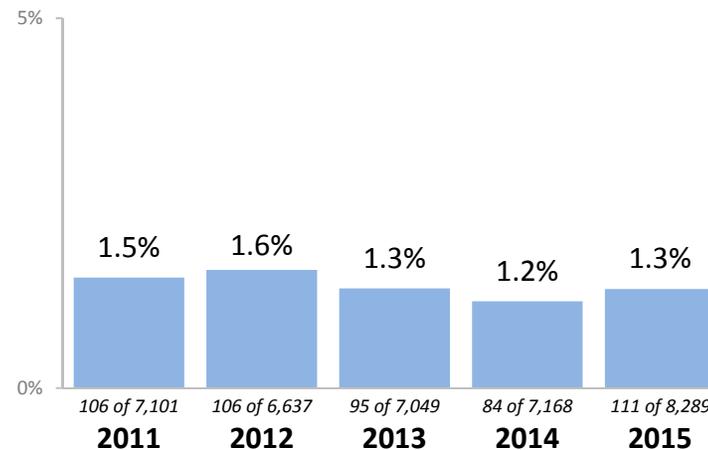


Evaluation & Treatment Centers

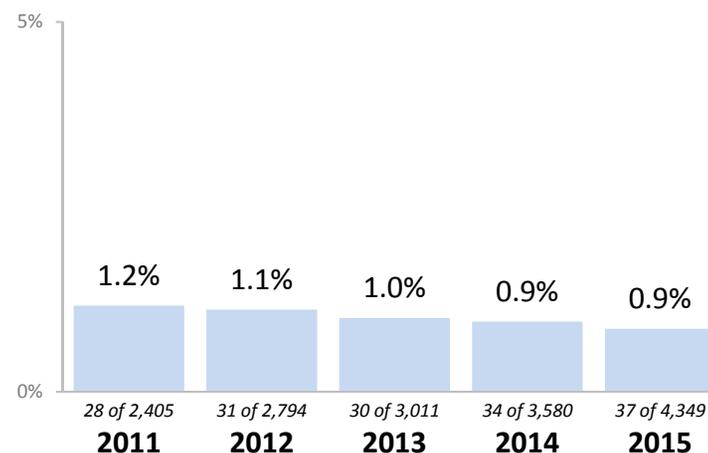


DEATH WITHIN 180 DAYS

Community Hospitals



Evaluation & Treatment Centers



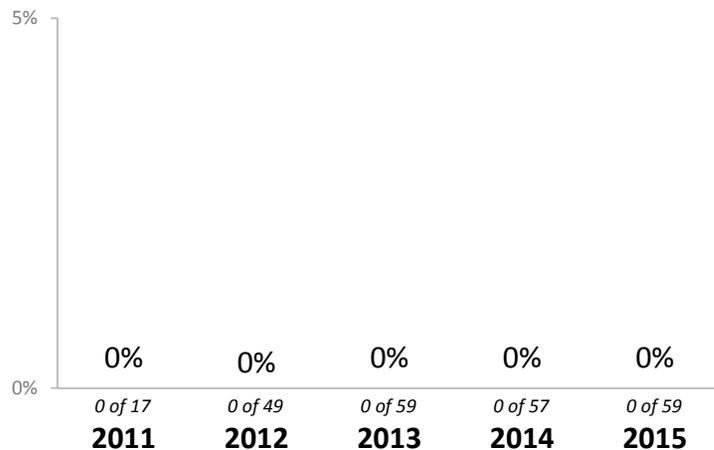
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

Child Facility Discharges with Death Occurring Following Exit

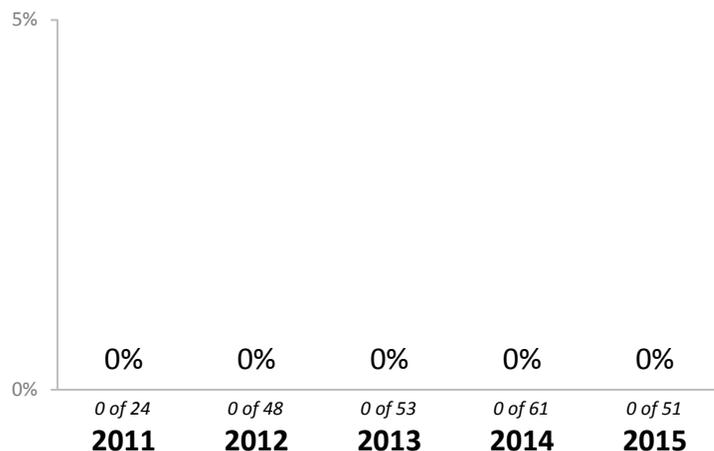
Percent by index-discharge facility by State Fiscal Year

DEATH WITHIN 30 DAYS

Children's Long-Term Inpatient Programs

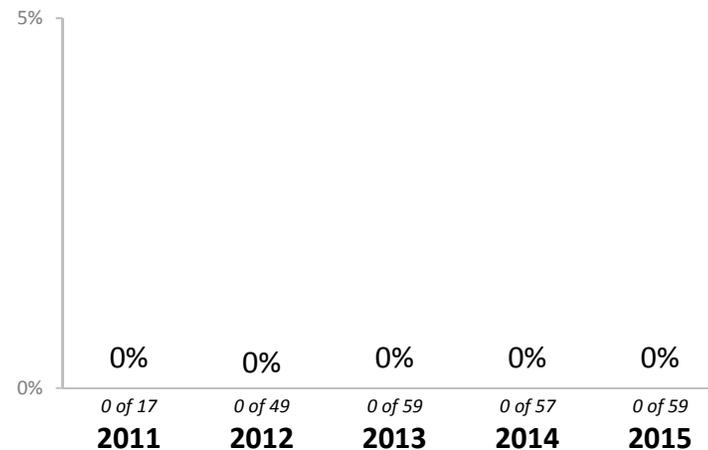


Child Study & Treatment Center

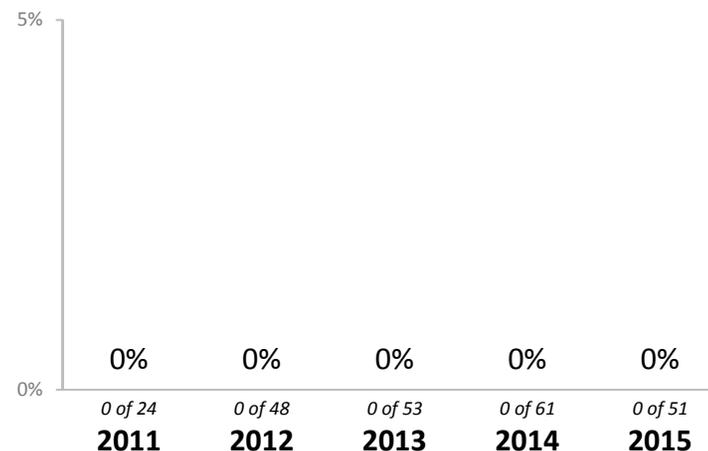


DEATH WITHIN 180 DAYS

Children's Long-Term Inpatient Programs



Child Study & Treatment Center

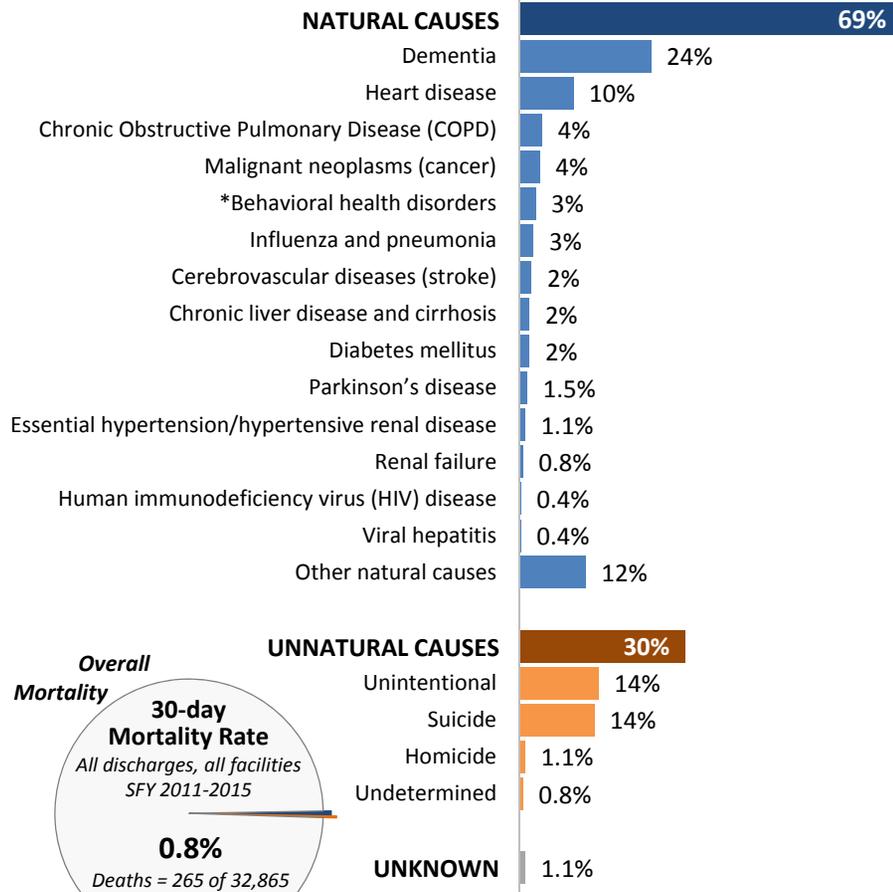


Cause of Death Following Exit

For any discharge (all facilities—child or adult) that occurred between July 1, 2010 (SFY 2011) and June 30, 2015 (SFY 2015)

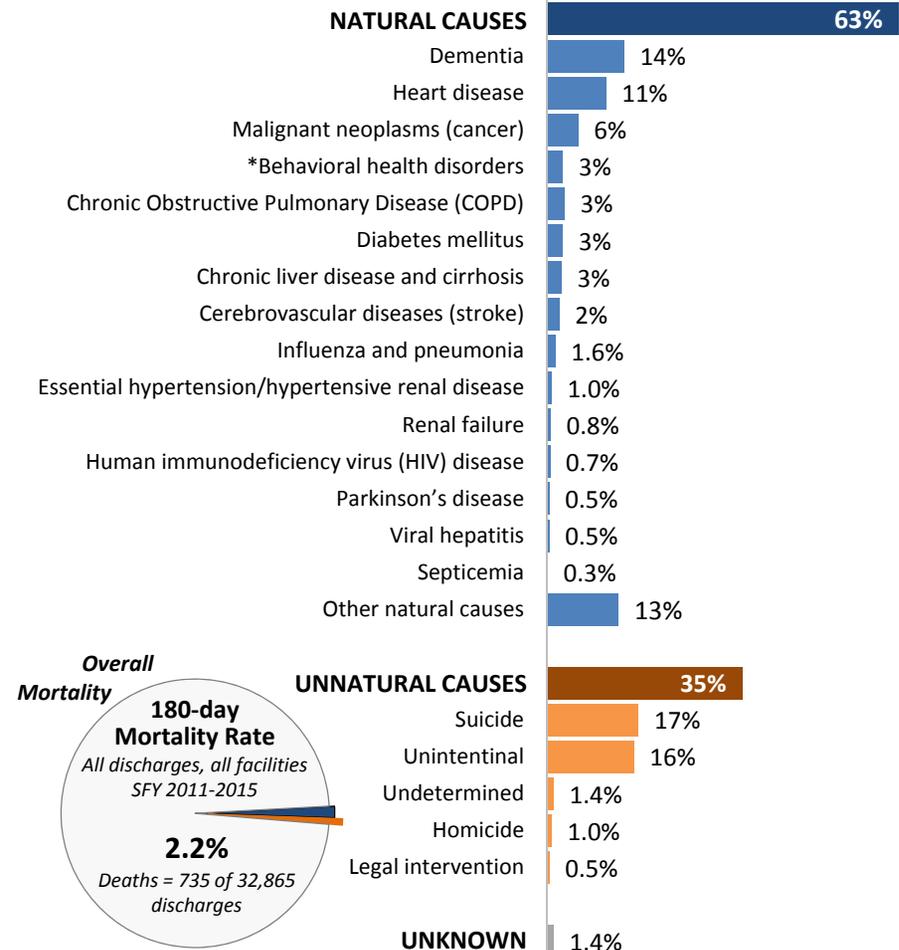
CAUSE OF DEATH WITHIN 30 DAYS

TOTAL DEATHS = 265



CAUSE OF DEATH WITHIN 180 DAYS

TOTAL DEATHS = 735



* Cause of death taken from DOH death records. Behavioral Health Disorders includes death caused by IDC-10 codes F10-F99. Unintentional includes Drug/alcohol poisoning; fall; suffocation; drowning, etc. Legal intervention includes injuries inflicted by the police or other law-enforcing agents.

SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, December 2016.

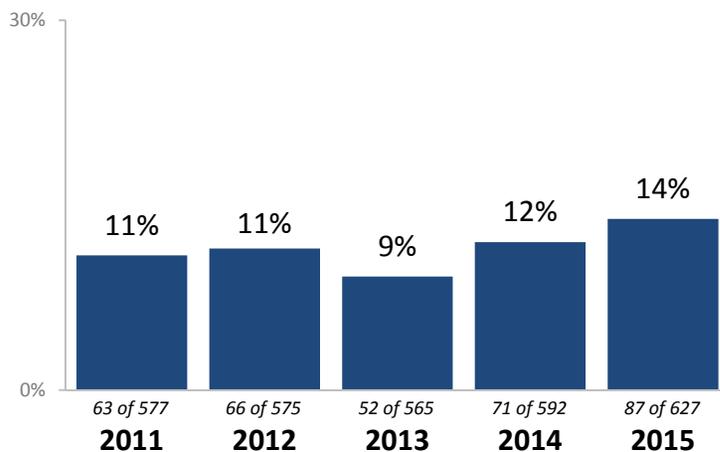


Forensic Discharges with Arrests Following Exit

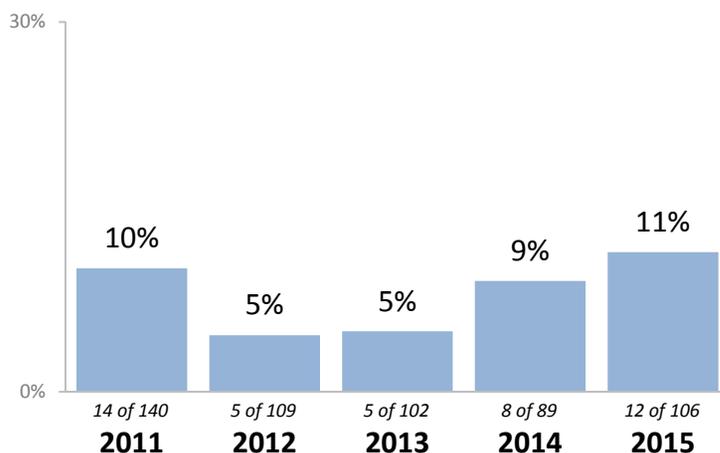
Percent by index-discharge facility by State Fiscal Year

ARRESTED WITHIN 1 MONTH

Western State Hospital – Forensic

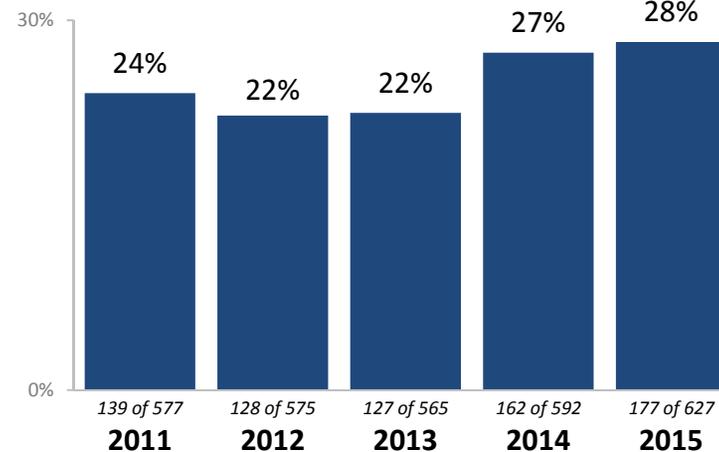


Eastern State Hospital – Forensic

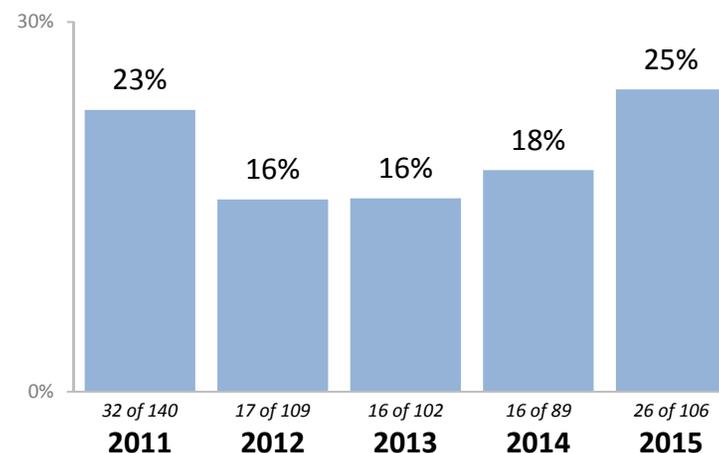


ARRESTED WITHIN 6 MONTHS

Western State Hospital – Forensic



Eastern State Hospital – Forensic

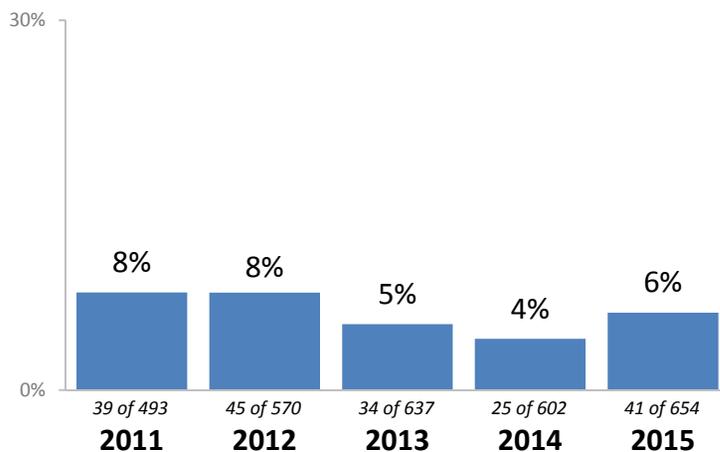


Civil Discharges with Arrests Following Exit

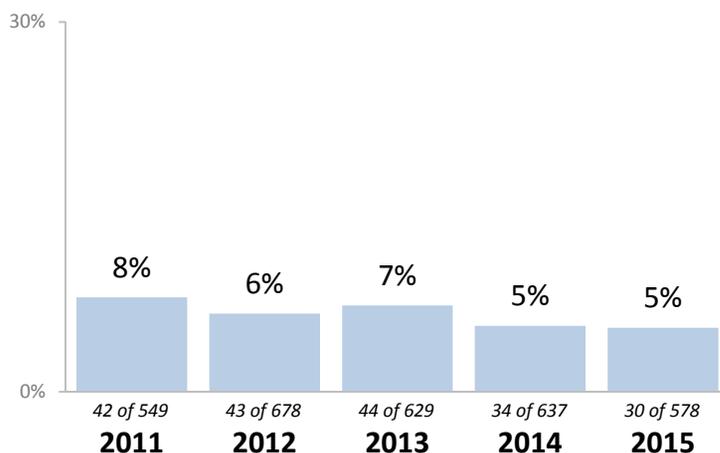
Percent by index-discharge facility by State Fiscal Year

ARRESTED WITHIN 1 MONTH

Western State Hospital – Civil

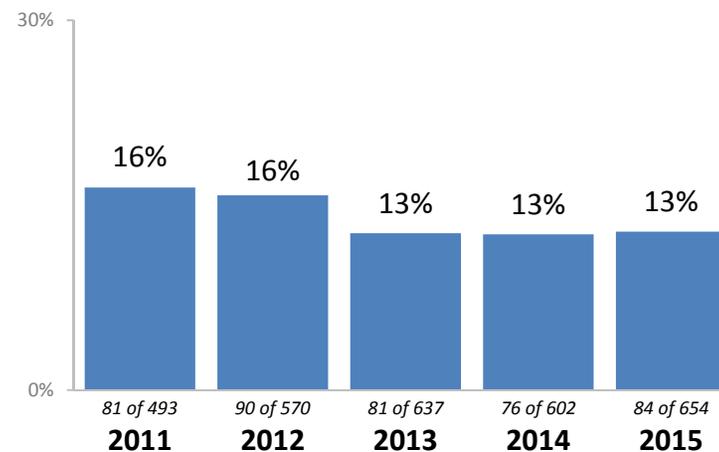


Eastern State Hospital – Civil

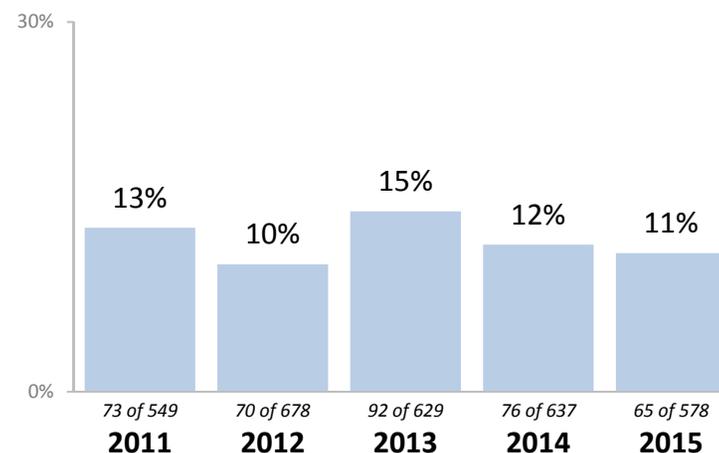


ARRESTED WITHIN 6 MONTHS

Western State Hospital – Civil



Eastern State Hospital – Civil



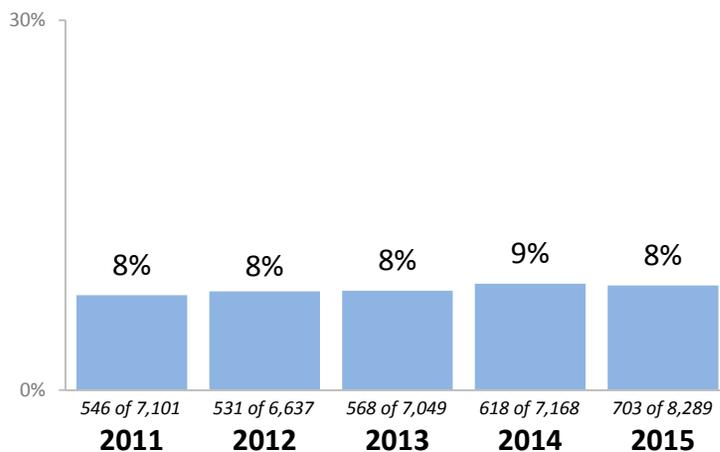
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

Community Hospital and E&T Discharges with Arrests Following Exit

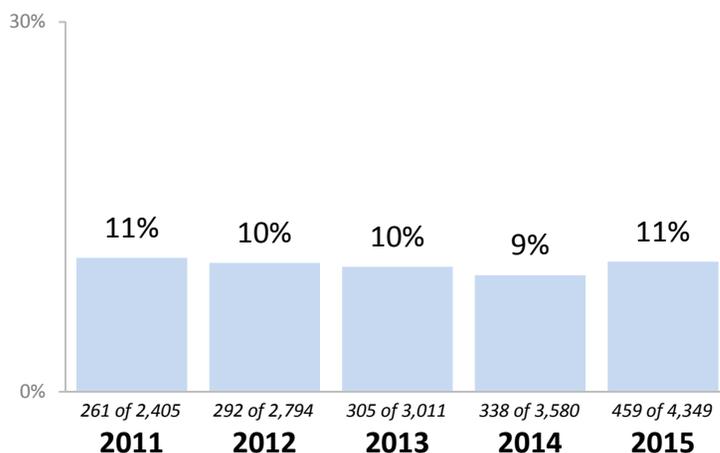
Percent by index-discharge facility by State Fiscal Year

ARRESTED WITHIN 1 MONTH

Community Hospitals

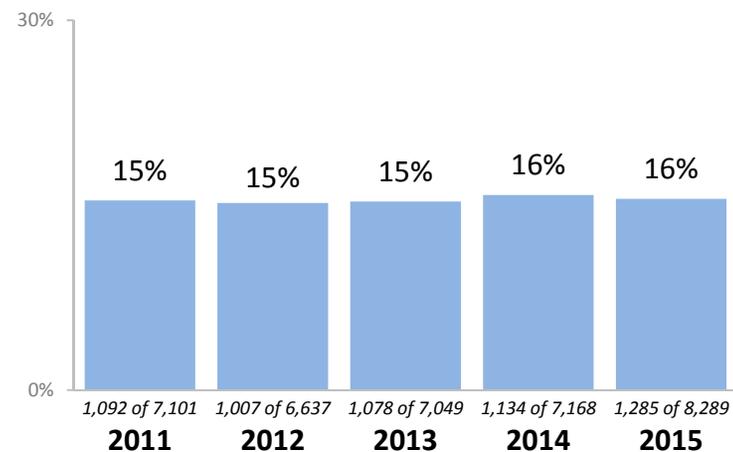


Evaluation & Treatment Centers

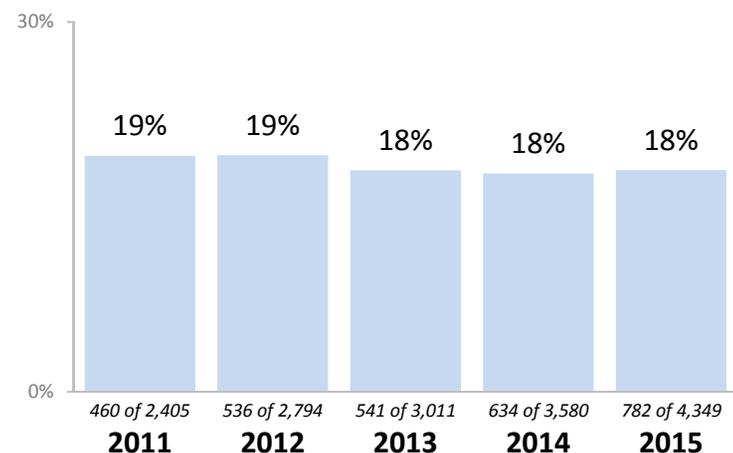


ARRESTED WITHIN 6 MONTHS

Community Hospitals



Evaluation & Treatment Centers



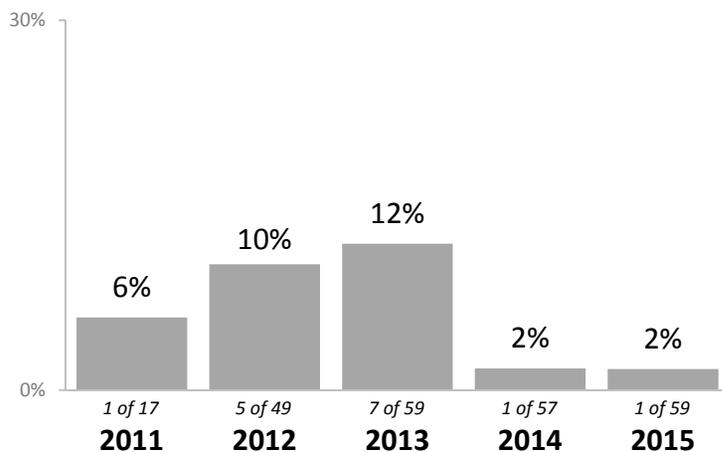
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

Child Facility Discharges with Arrests Following Exit

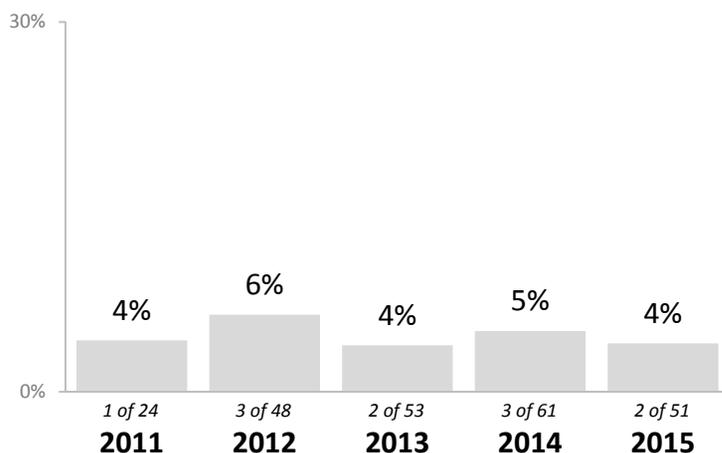
Percent by index-discharge facility by State Fiscal Year

ARRESTED WITHIN 1 MONTH

Children's Long-Term Inpatient Programs

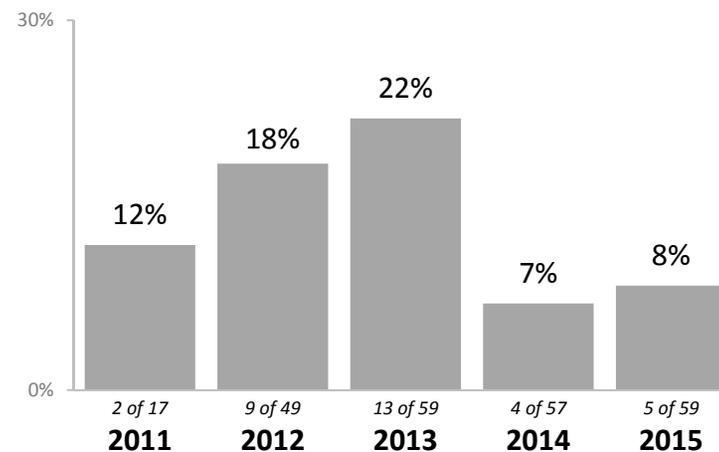


Child Study & Treatment Center

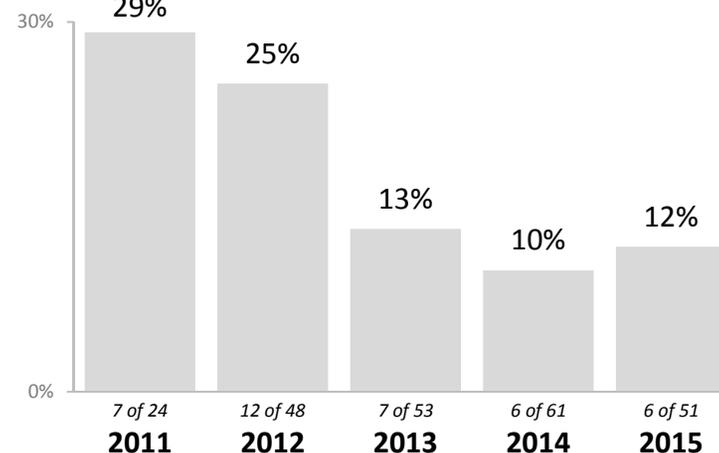


ARRESTED WITHIN 6 MONTHS

Children's Long-Term Inpatient Programs



Child Study & Treatment Center

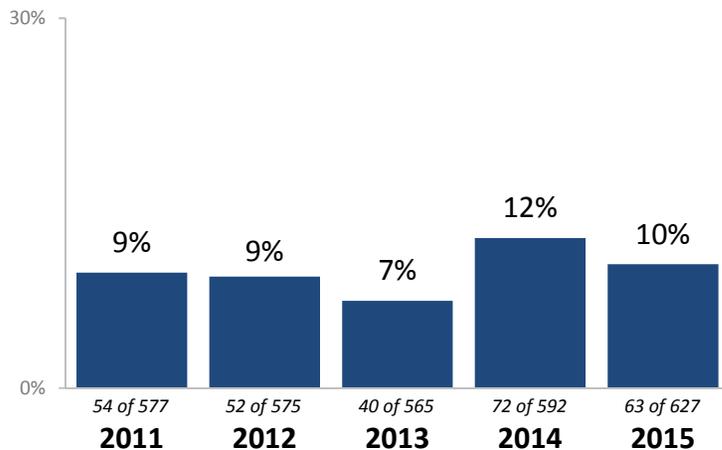


Forensic Discharges with Homelessness Following Exit

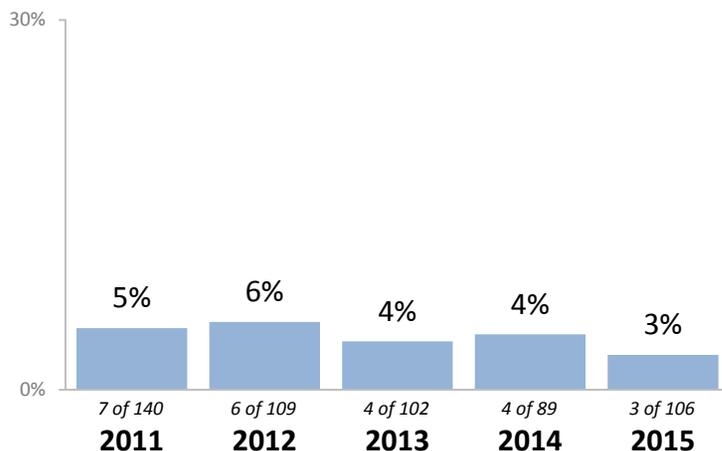
Percent by index-discharge facility by State Fiscal Year | Narrow Definition of Homelessness, Non-adjusted

HOMELESS WITHIN 1 MONTH

Western State Hospital – Forensic

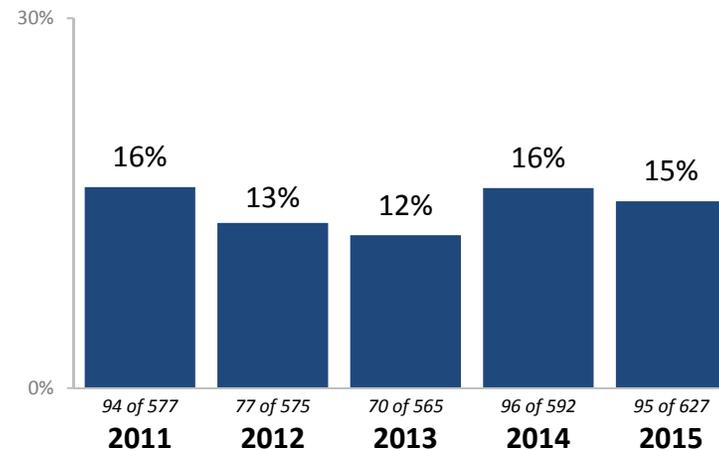


Eastern State Hospital – Forensic

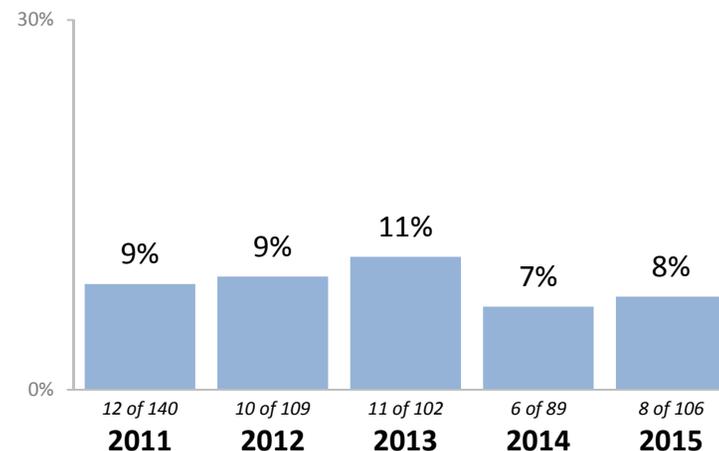


HOMELESS WITHIN 6 MONTHS

Western State Hospital – Forensic



Eastern State Hospital – Forensic

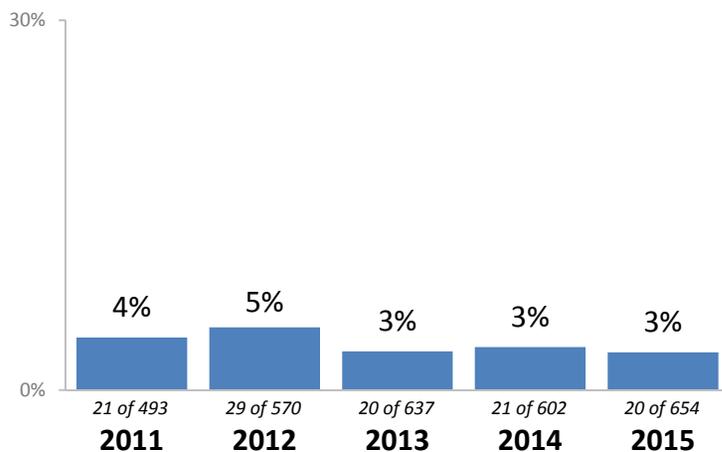


Civil Discharges with Homelessness Following Exit

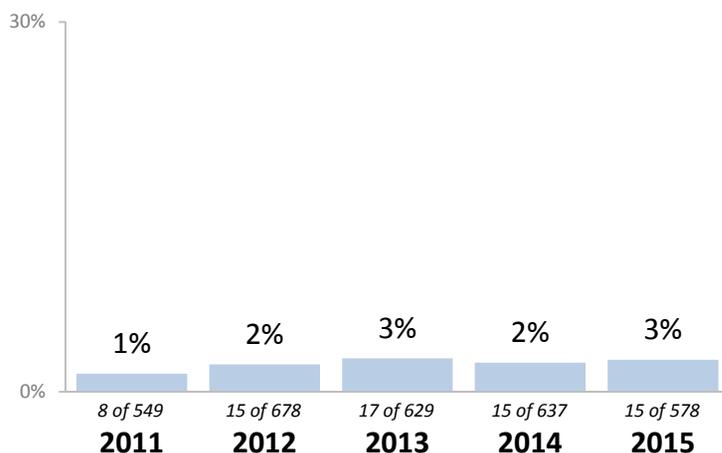
Percent by index-discharge facility by State Fiscal Year | Narrow Definition of Homelessness, Non-adjusted

HOMELESS WITHIN 1 MONTH

Western State Hospital – Civil

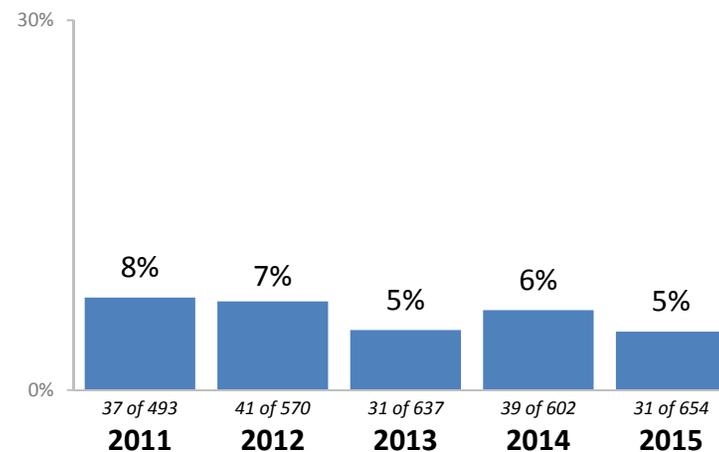


Eastern State Hospital – Civil

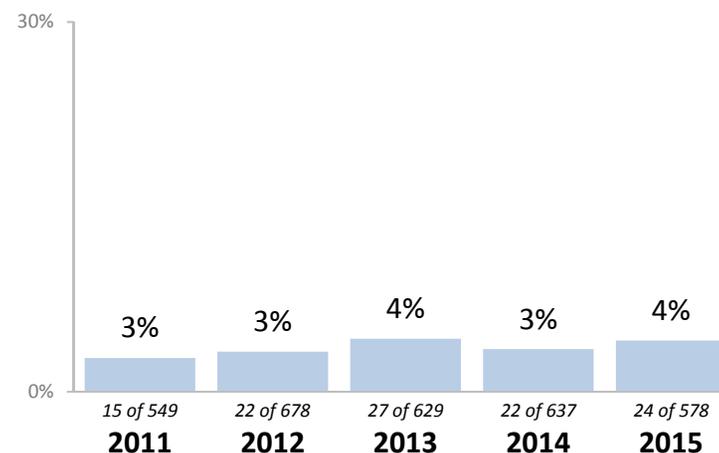


HOMELESS WITHIN 6 MONTHS

Western State Hospital – Civil



Eastern State Hospital – Civil

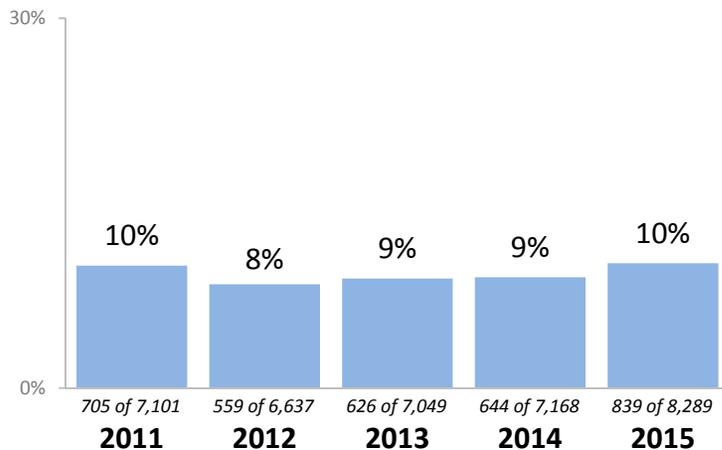


Community Hospital and E&T Discharges with Homelessness Following Exit

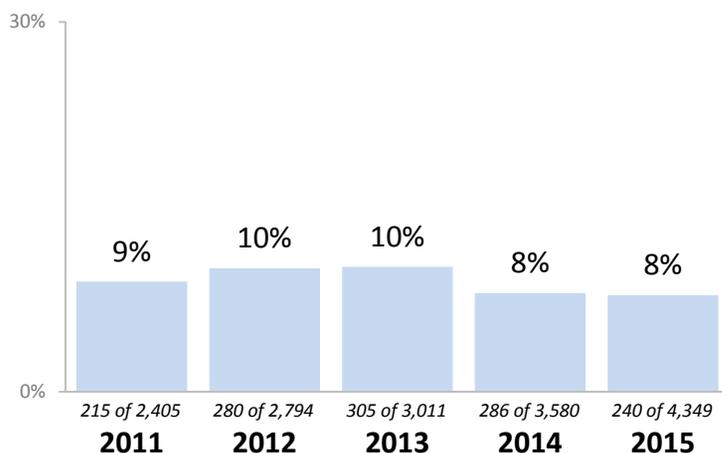
Percent by index-discharge facility by State Fiscal Year | Narrow Definition of Homelessness, Non-adjusted

HOMELESS WITHIN 1 MONTH

Community Hospitals

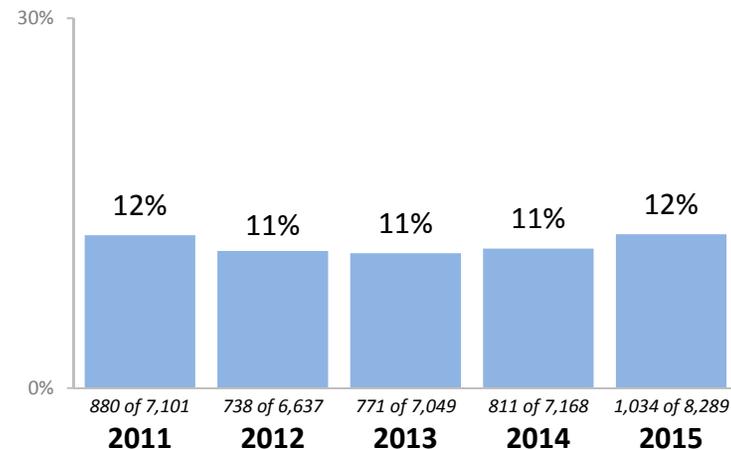


Evaluation & Treatment Centers

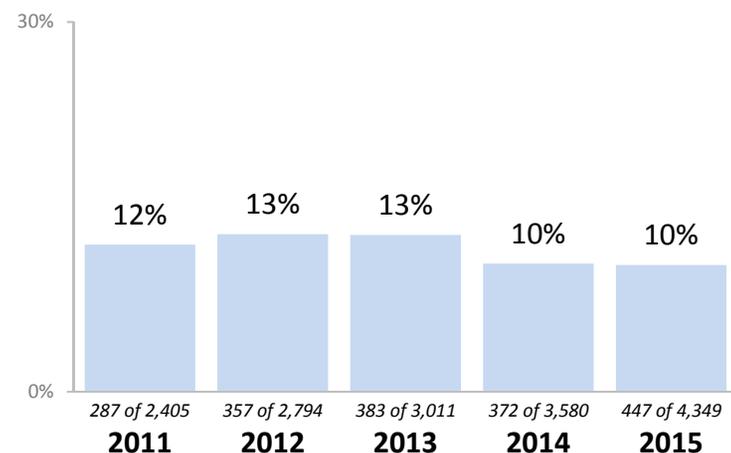


HOMELESS WITHIN 6 MONTHS

Community Hospitals



Evaluation & Treatment Centers



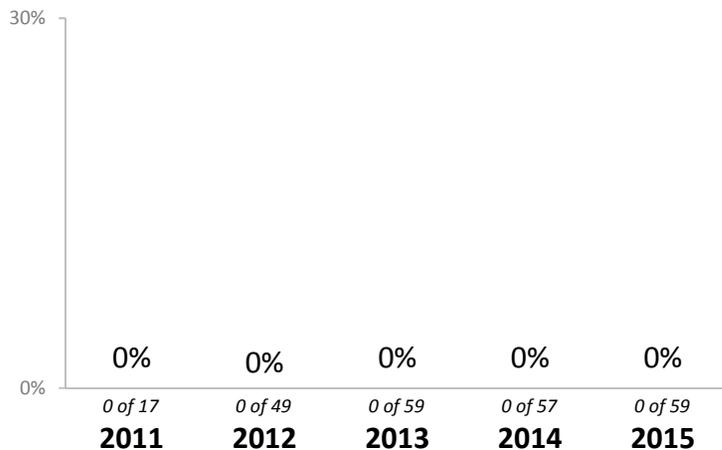
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

Child Facility Discharges with Homelessness Following Exit

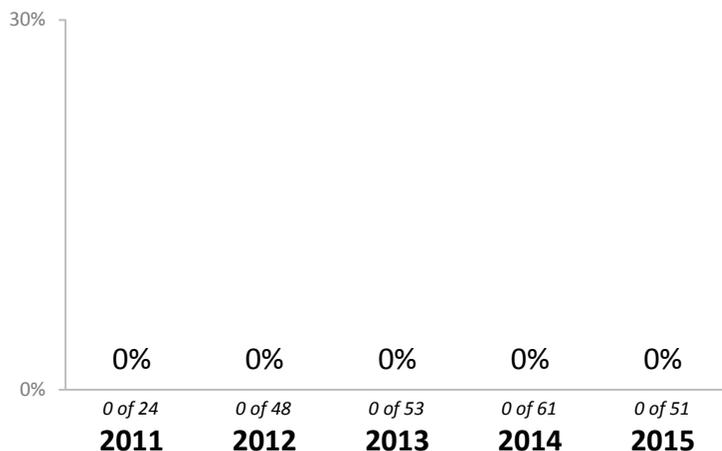
Percent by index-discharge facility by State Fiscal Year | Narrow Definition of Homelessness, Non-adjusted

HOMELESS WITHIN 1 MONTH

Children's Long-Term Inpatient Programs

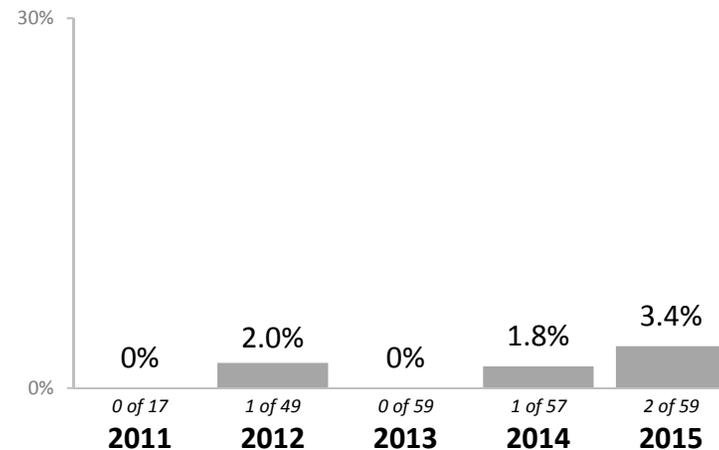


Child Study & Treatment Center

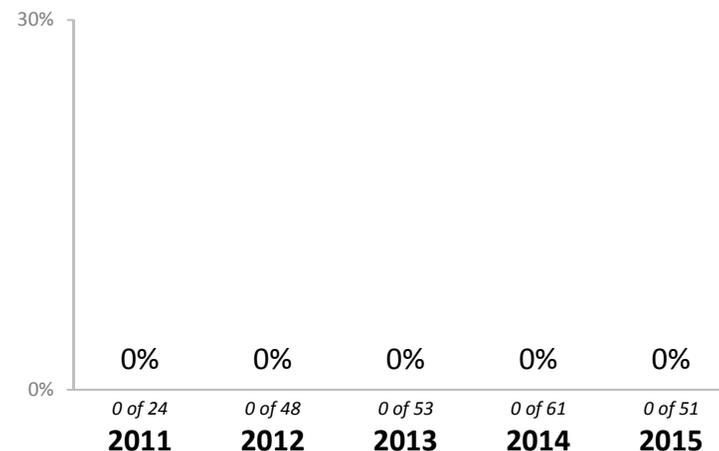


HOMELESS WITHIN 6 MONTHS

Children's Long-Term Inpatient Programs



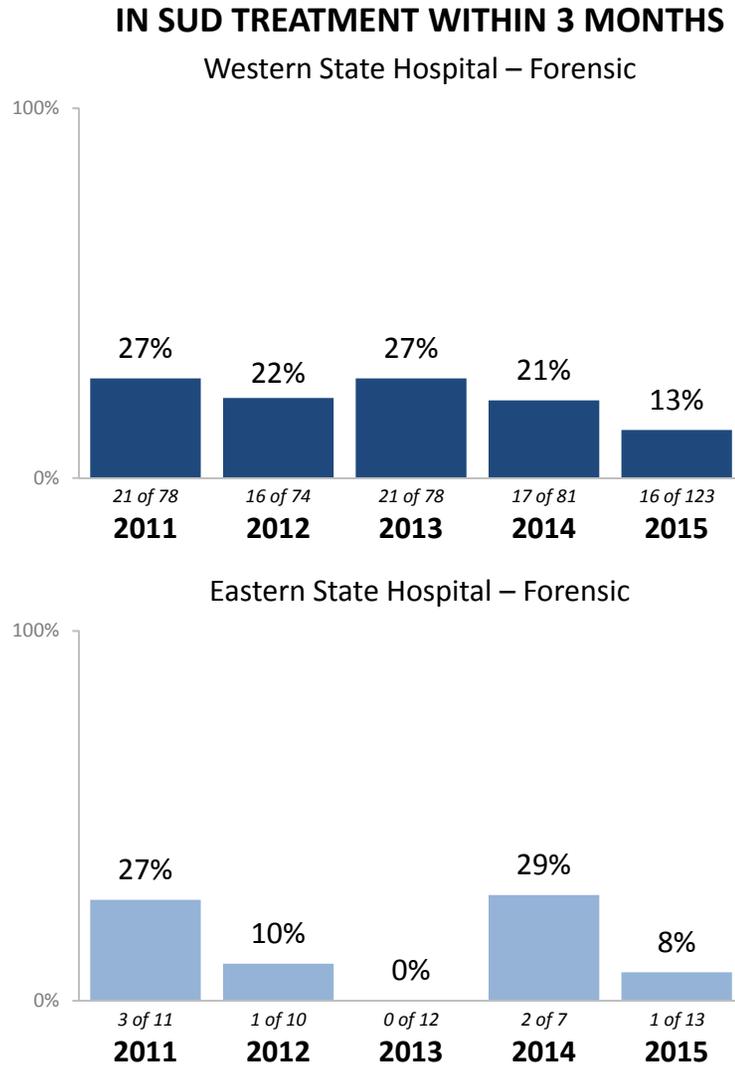
Child Study & Treatment Center



SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

Forensic Discharges with Substance Use Disorder (SUD) Treatment Following Exit

Percent by index-discharge facility by State Fiscal Year | Of those with SUD treatment need indicator only



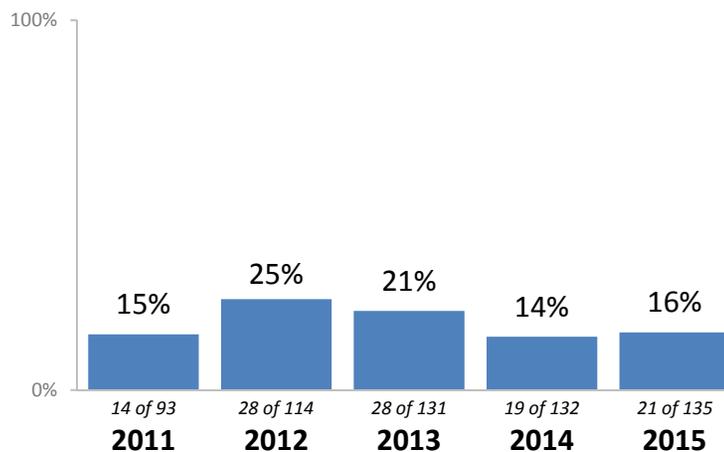
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

Civil Discharges with Substance Use Disorder (SUD) Treatment Following Exit

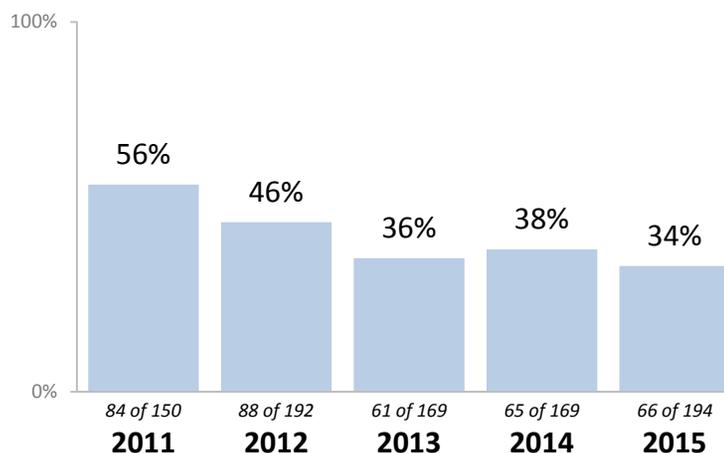
Percent by index-discharge facility by State Fiscal Year | Of those with SUD treatment need indicator only

IN SUD TREATMENT WITHIN 3 MONTHS

Western State Hospital – Civil



Eastern State Hospital – Civil



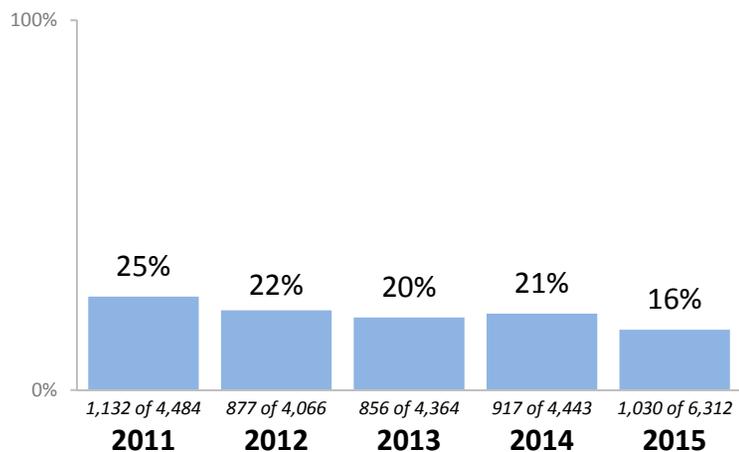
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

Community Hospital and E&T Discharges with SUD Treatment Following Exit

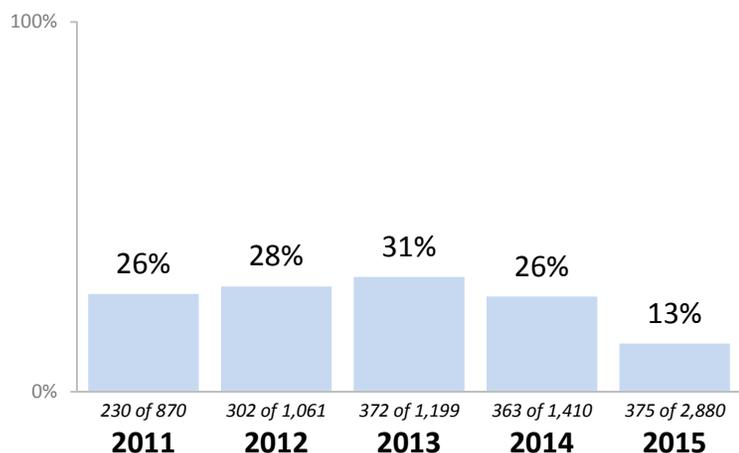
Percent by index-discharge facility by State Fiscal Year | Of those with SUD treatment need indicator only

IN SUD TREATMENT WITHIN 3 MONTHS

Community Hospitals



Evaluation & Treatment Centers



SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

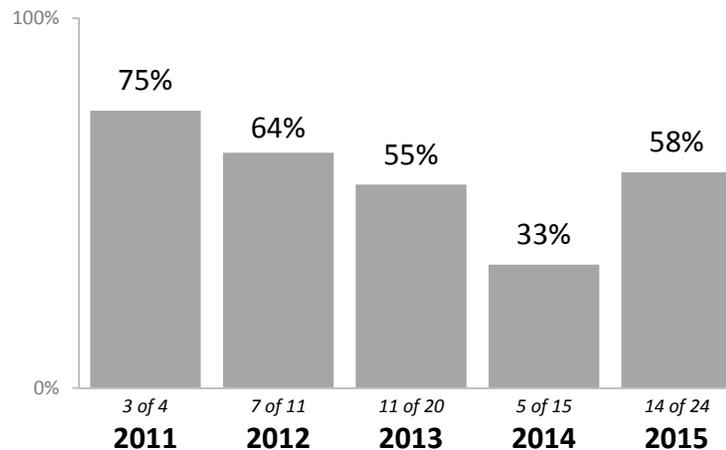
Child Facility Discharges with Substance Use Disorders (SUD) Treatment Following Exit

Percent by index-discharge facility by State Fiscal Year | Of those with SUD treatment need indicator only

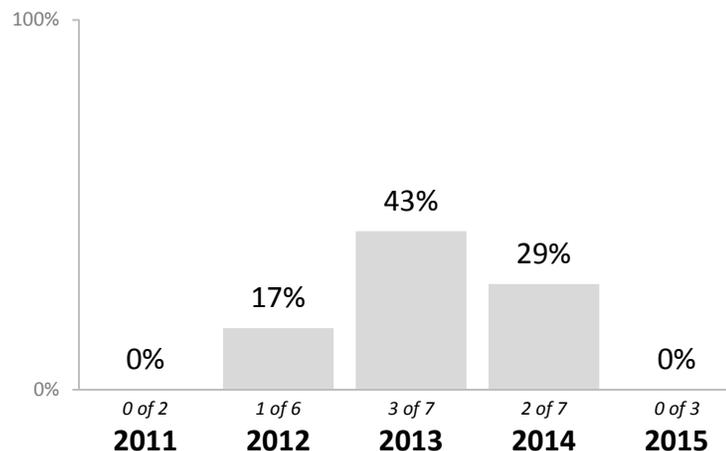
NEXT UPDATE
2017

IN SUD TREATMENT WITHIN 3 MONTHS

Children's Long-Term Inpatient Programs



Child Study & Treatment Center



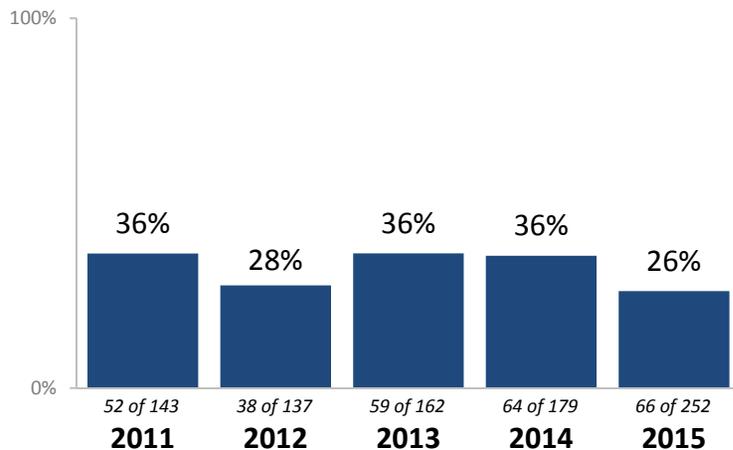
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

Forensic Discharges with Outpatient Mental Health Visit Following Exit

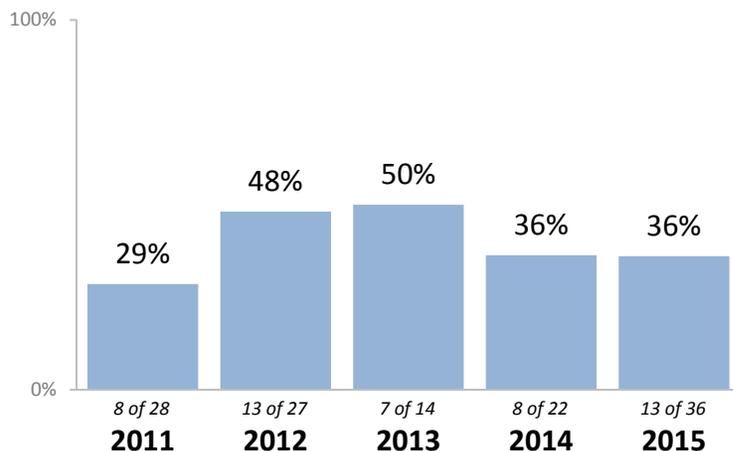
Percent by index-discharge facility by State Fiscal Year | Based on those with Title XIX eligibility only

OUTPATIENT MH SERVICE WITHIN 7 DAYS

Western State Hospital – Forensic

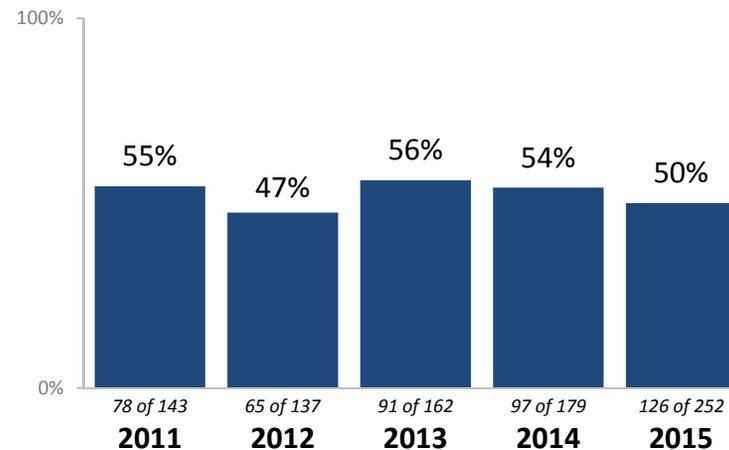


Eastern State Hospital – Forensic

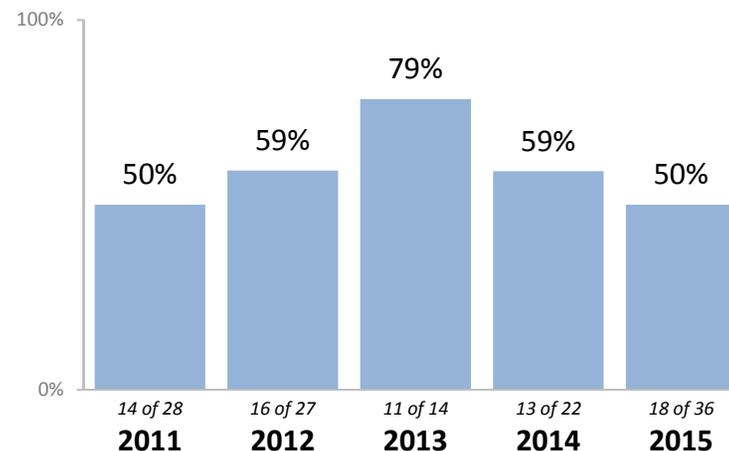


OUTPATIENT MH SERVICE WITHIN 30 DAYS

Western State Hospital – Forensic



Eastern State Hospital – Forensic

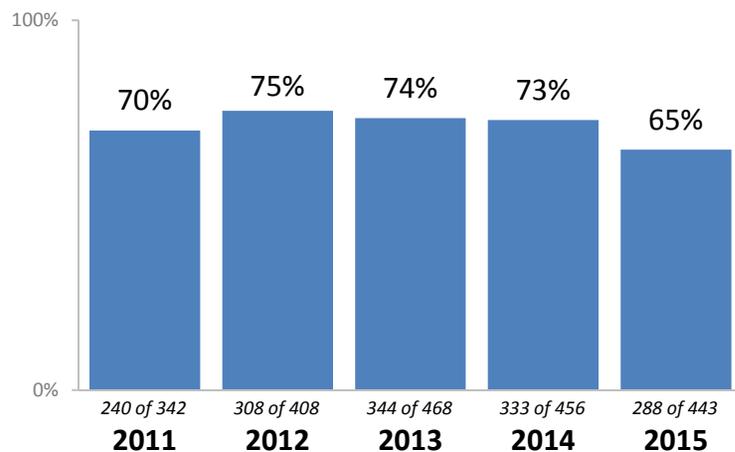


Civil Discharges with Outpatient Mental Health Visit Following Exit

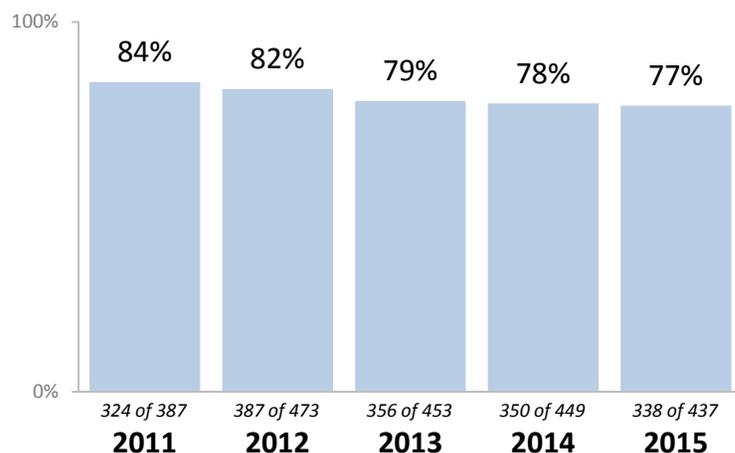
Percent by index-discharge facility by State Fiscal Year | Based on those with Title XIX eligibility only

OUTPATIENT MH SERVICE WITHIN 7 DAYS

Western State Hospital – Civil

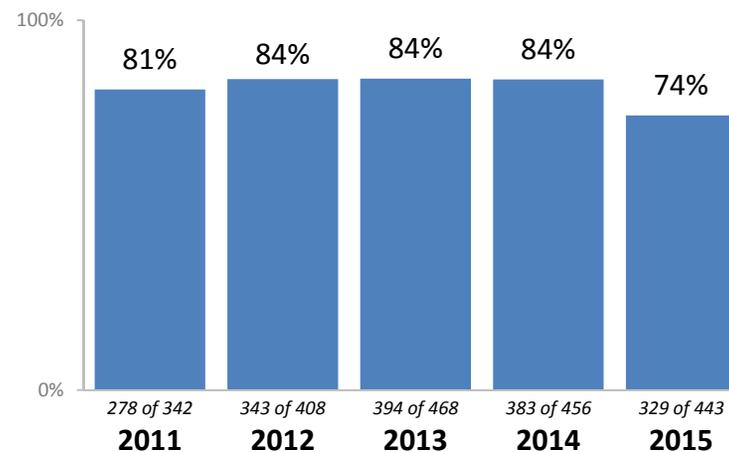


Eastern State Hospital – Civil

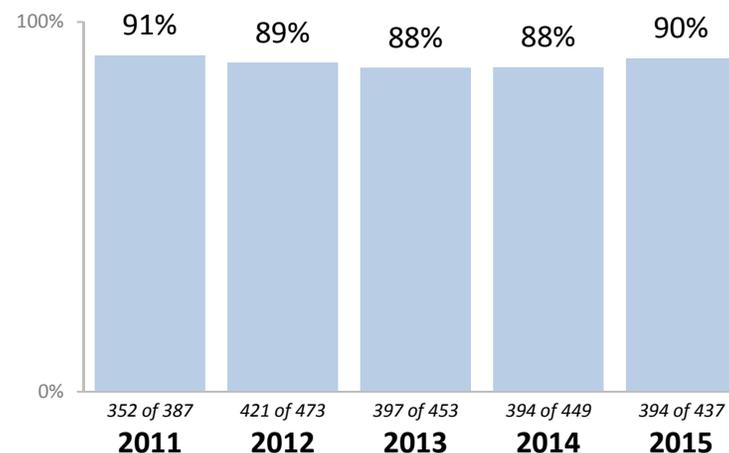


OUTPATIENT MH SERVICE WITHIN 30 DAYS

Western State Hospital – Civil



Eastern State Hospital – Civil

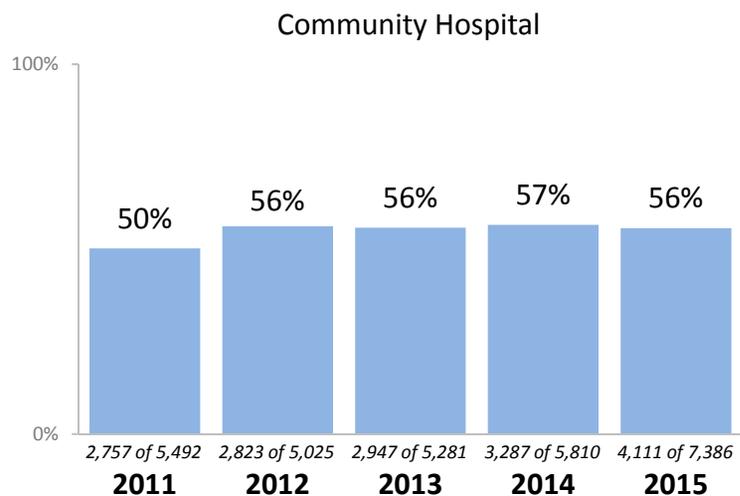


Community Hospital and E&T Discharges with Outpatient MH Visit Following Exit

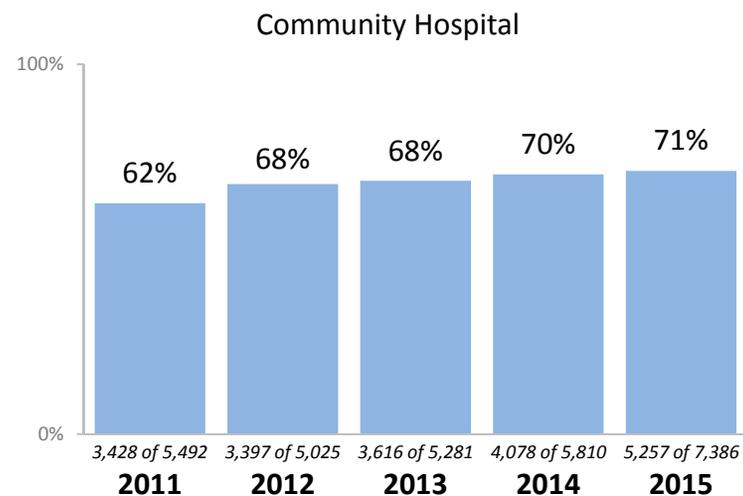
Percent by index-discharge facility by State Fiscal Year | Based on those with Title XIX eligibility only

NEXT UPDATE
2017

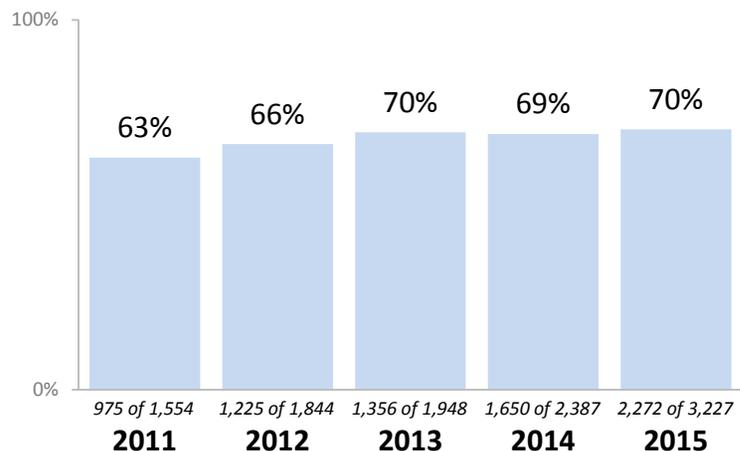
OUTPATIENT MH SERVICE WITHIN 7 DAYS



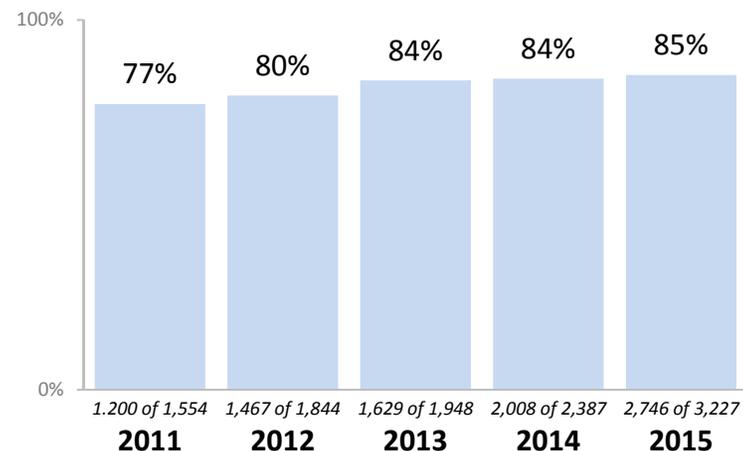
OUTPATIENT MH SERVICE WITHIN 30 DAYS



Evaluation & Treatment



Evaluation & Treatment



SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.

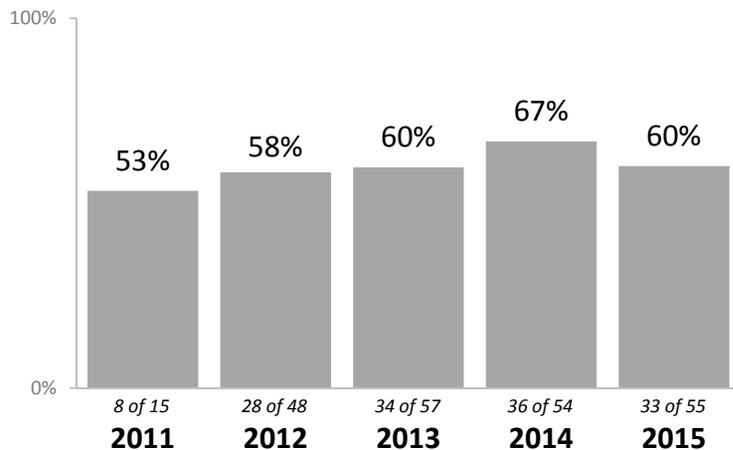
Child Facility Discharges with Outpatient Mental Health (MH) Visit Following Exit

Percent by index-discharge facility by State Fiscal Year | Based on those with Title XIX eligibility only

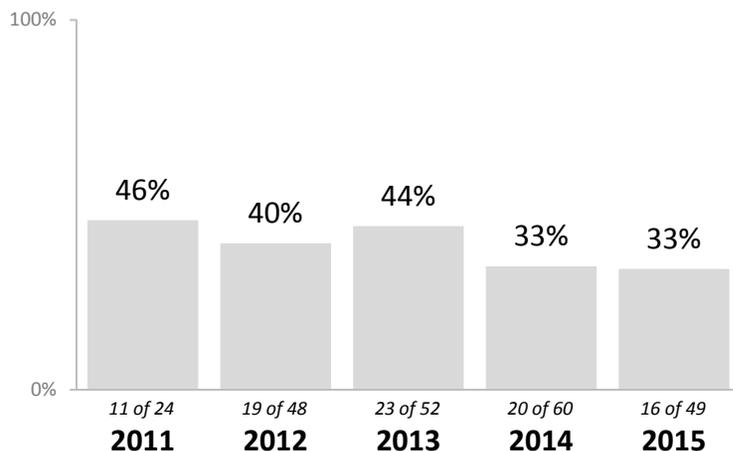
NEXT UPDATE
2017

OUTPATIENT MH SERVICE WITHIN 7 DAYS

Children's Long-Term Inpatient Program

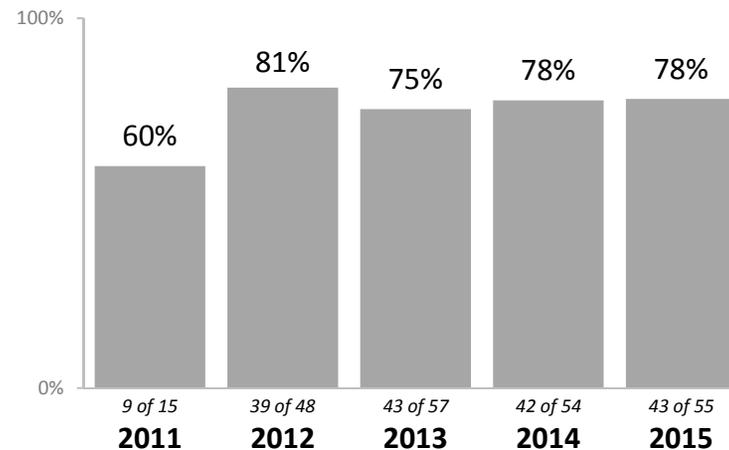


Child Study & Treatment Center

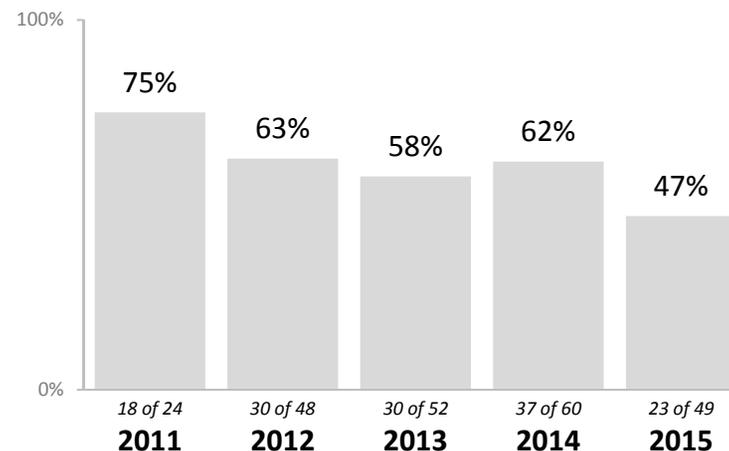


OUTPATIENT MH SERVICE WITHIN 30 DAYS

Children's Long-Term Inpatient Program



Child Study & Treatment Center



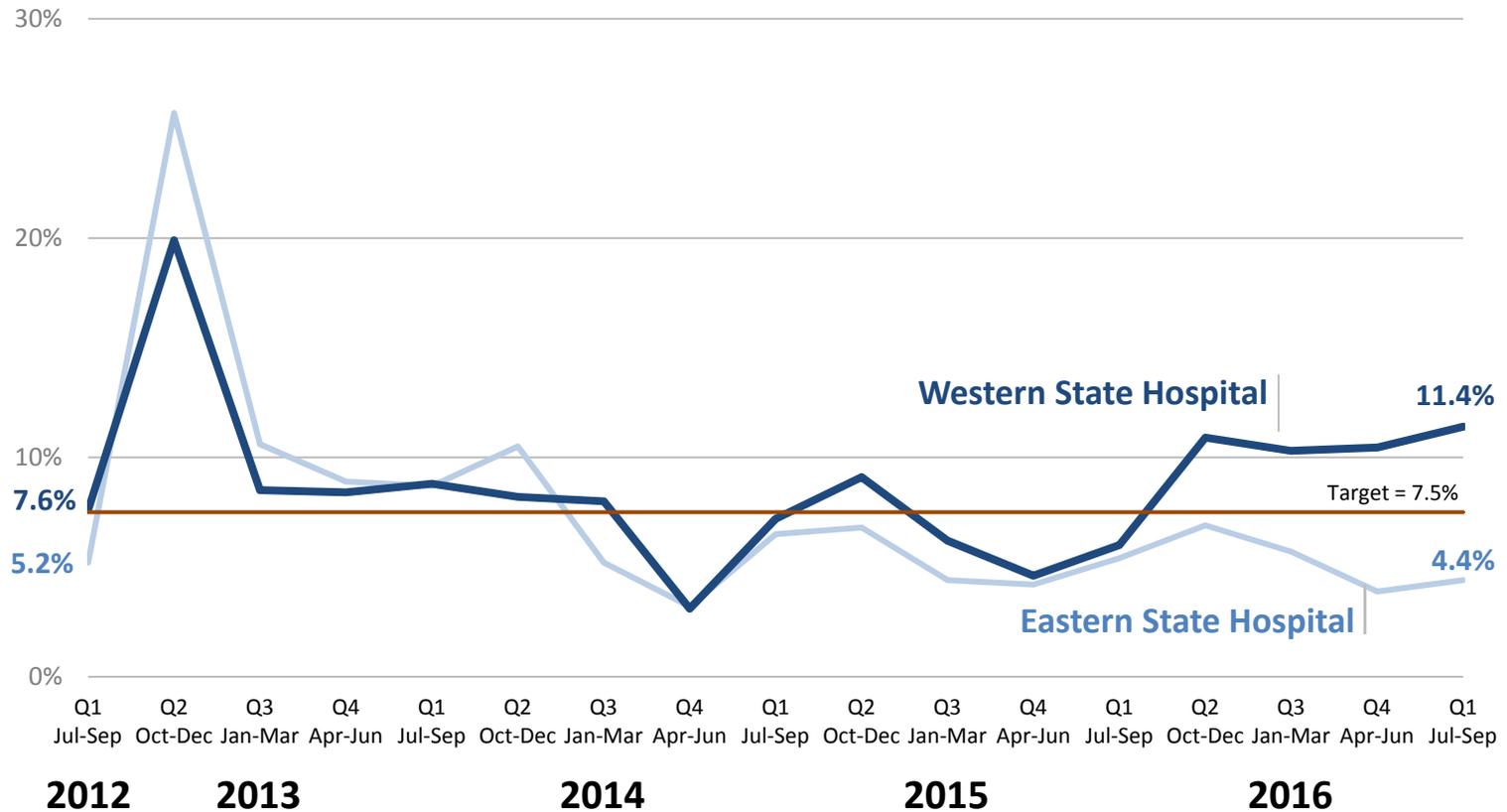
SOURCE: DSHS Research and Data Analysis Division, Integrated Client Databases, November 2016.



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PART 5 Measures Related to Employees

Percentage of Overtime Use at Western State Hospital, Eastern State Hospital



DATA SOURCE: Financial Services Administration's Overtime Report Summary.

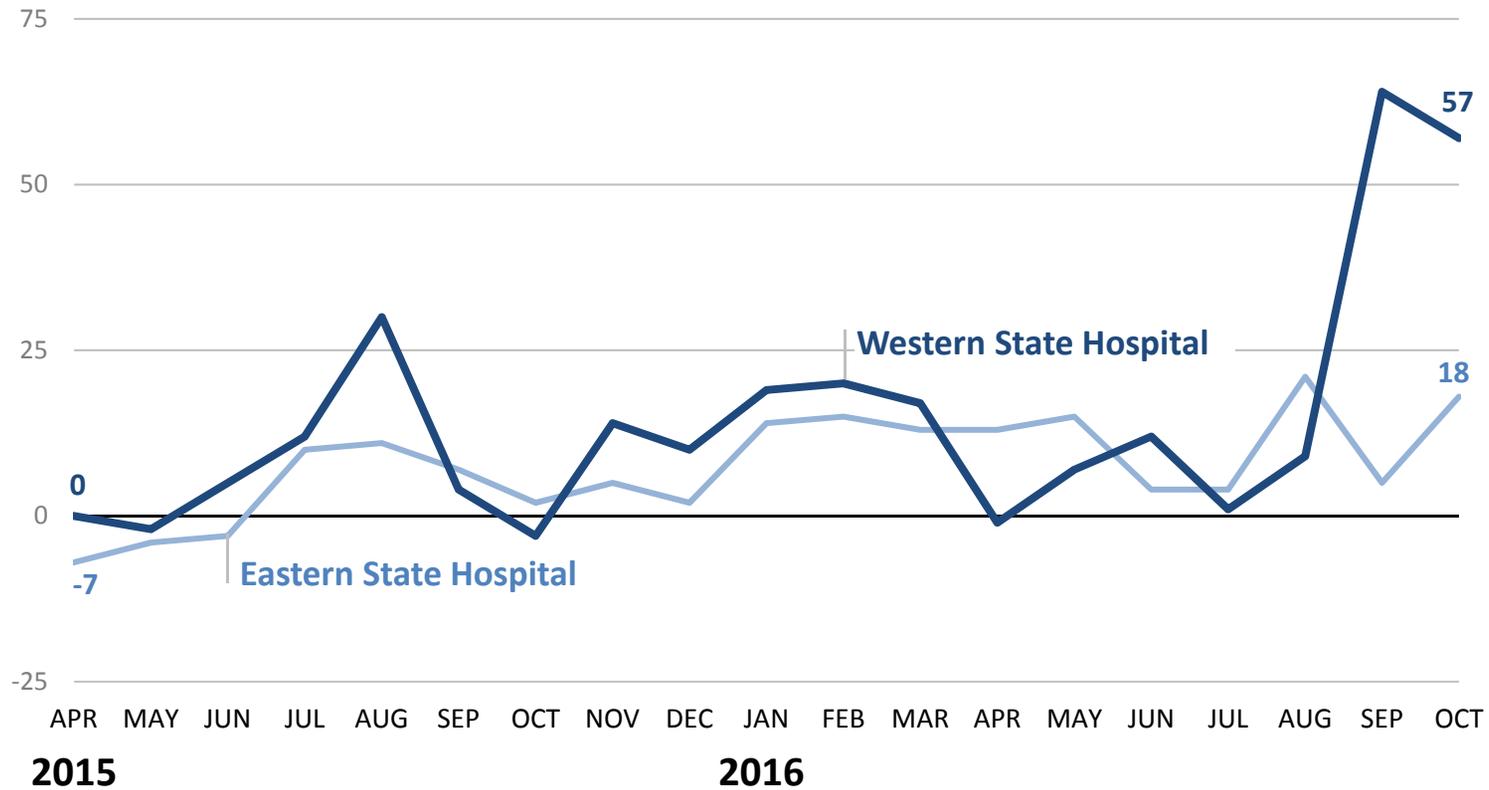
MEASURE DEFINITION: Average percentage of overtime use at Western State Hospital and Eastern State Hospital.

DATA NOTES: **1** Each data point represents a quarterly percentage (e.g., SFQ 2016/4 is the sum of total overtime expenditures for SFQ 2016/4, divided by the sum of Object A (employee salary) expenditures for SFQ 2016/4). **2** Includes only Budget Units for Eastern State Hospital and Western State Hospital. **3** Negative amounts in total overtime expenditures and/or total employee salary expenditures are included in the calculation. **4** Zeros are included in the denominator. **5** Includes both disbursements and accruals.



Net Change in Number of State Hospital Employees

Adequate Staffing to Ensure Quality Care



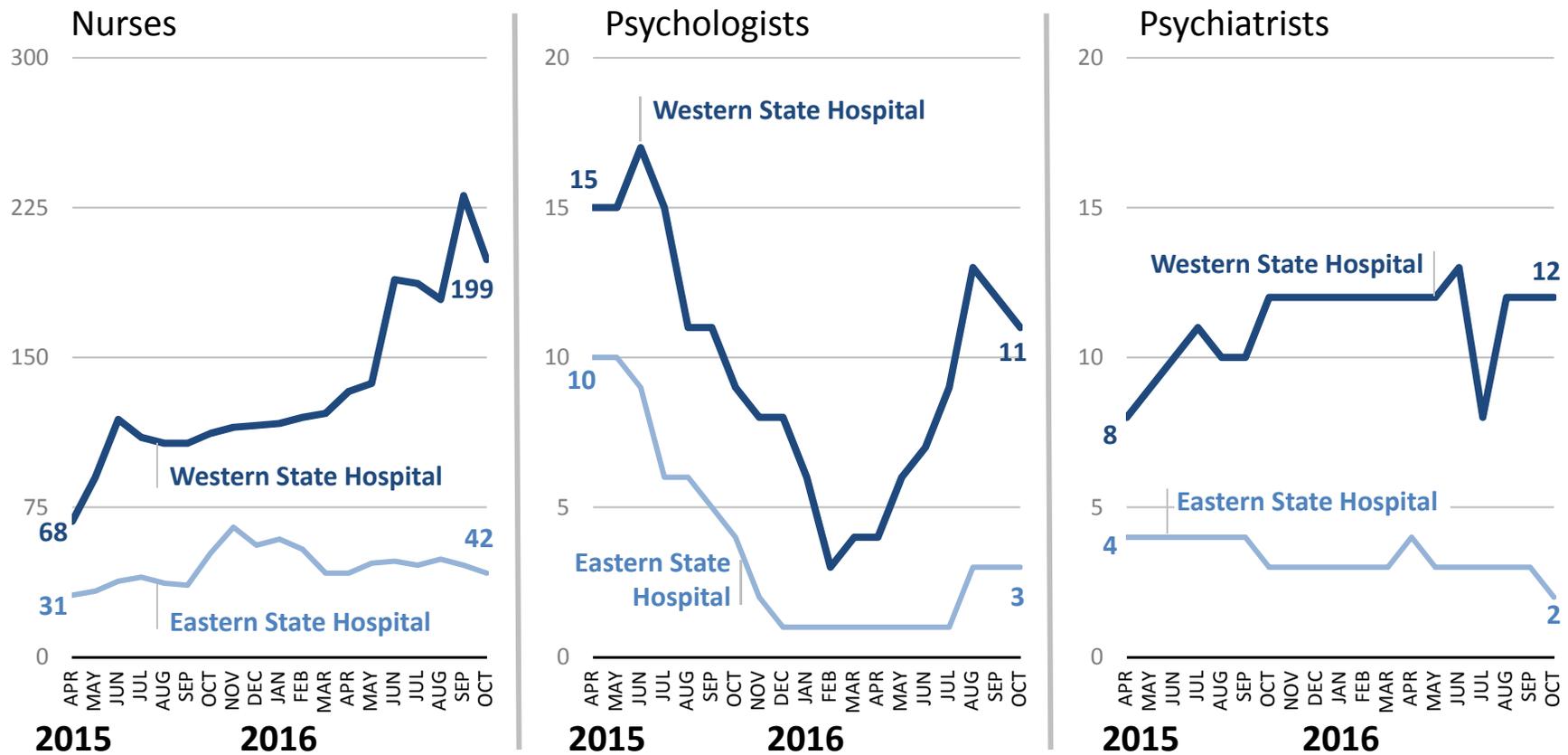
DATA SOURCE: DSHS Human Resources Division, Human Resource Management System.

MEASURE DEFINITION: Net change of employees is calculated by gains (new hires) for the month minus losses (attrition).



Number of Clinical Staff Vacancies

Number of vacancies for nurses, psychologists, and psychiatrists at Eastern State Hospital and Western State Hospital



DATA SOURCE: DSHS Human Resources Division, Human Resource Management System.

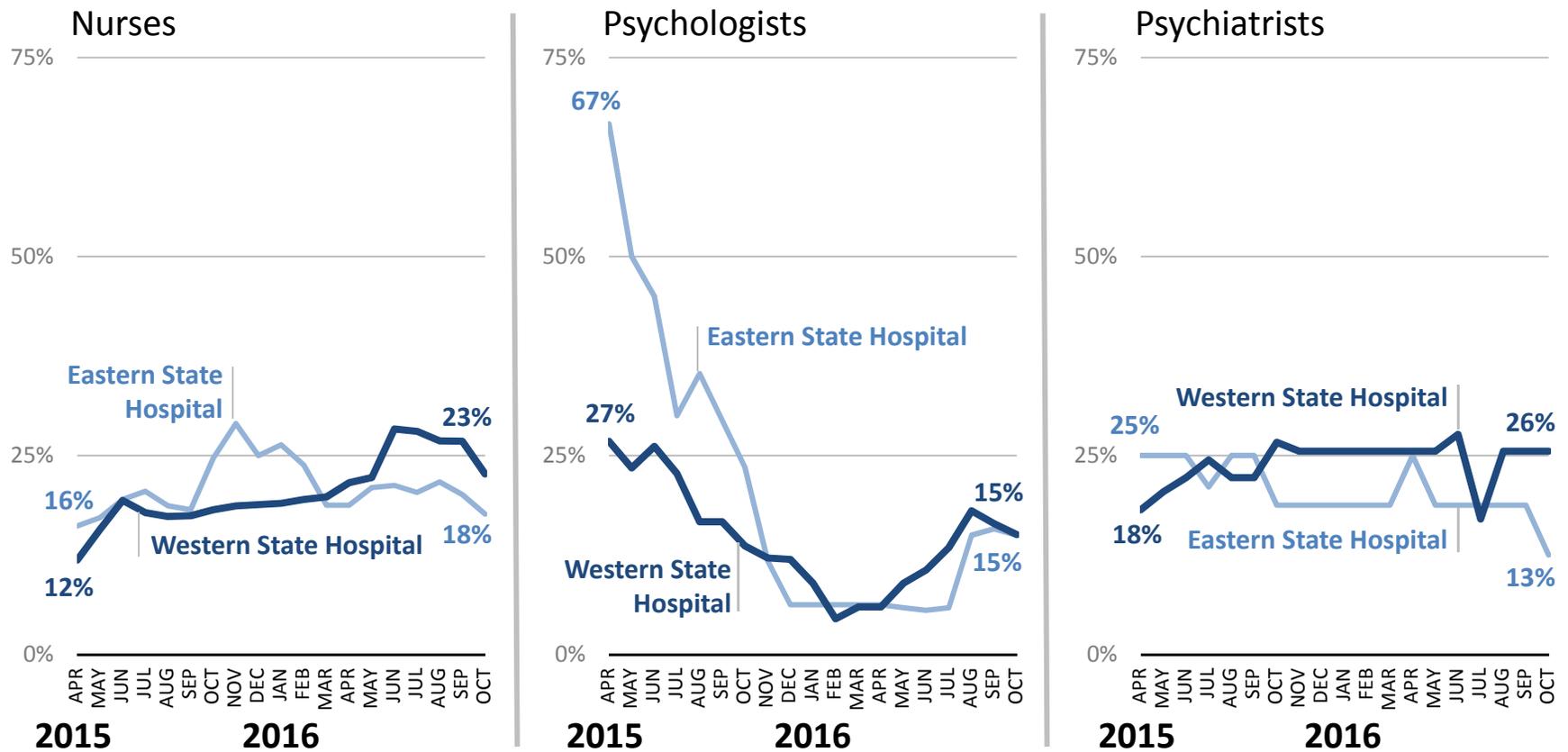
MEASURE DEFINITION: Number of vacancies per employee classification.

DATA NOTES: 1 The nurse category includes both Registered Nurses and Licensed Professional Nurses.



Percent of Clinical Staff Vacancies

Percent of vacancies for nurses, psychologists, and psychiatrists at Eastern State Hospital and Western State Hospital



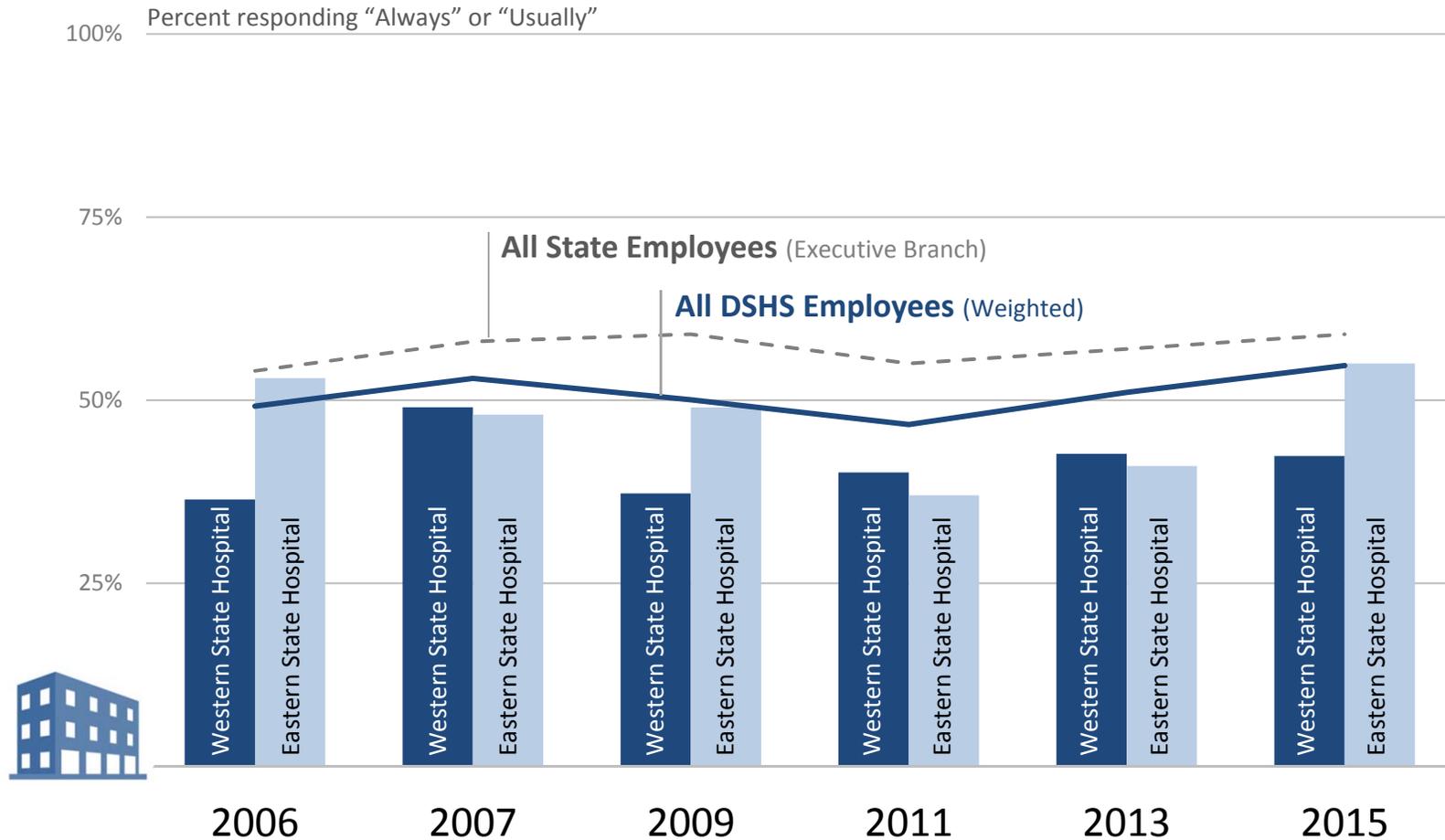
DATA SOURCE: DSHS Human Resources Division, Human Resource Management System.

MEASURE DEFINITION: Number of vacancies per employee classification.

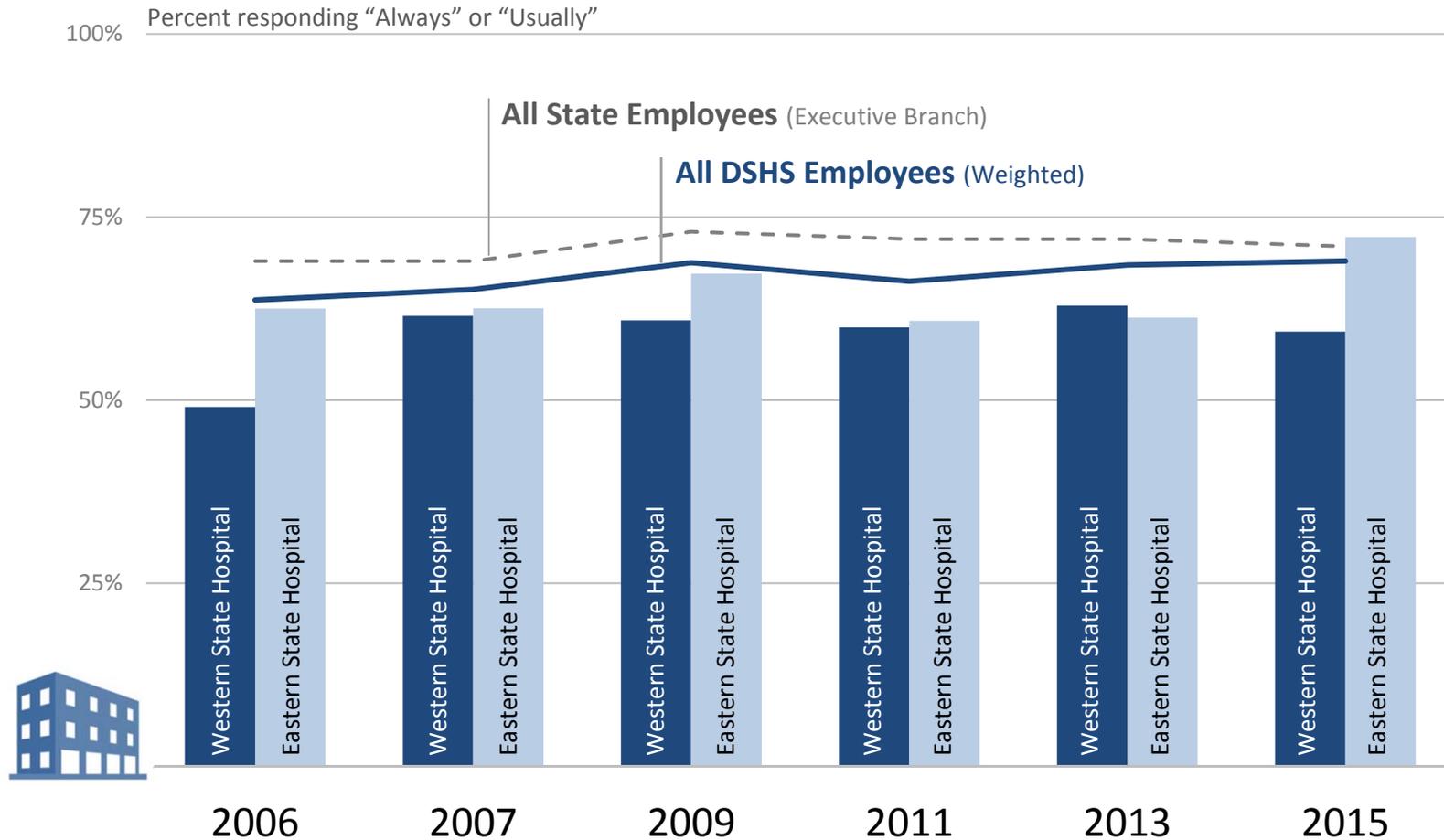
DATA NOTES: 1 The nurse category includes both Registered Nurses and Licensed Professional Nurses.



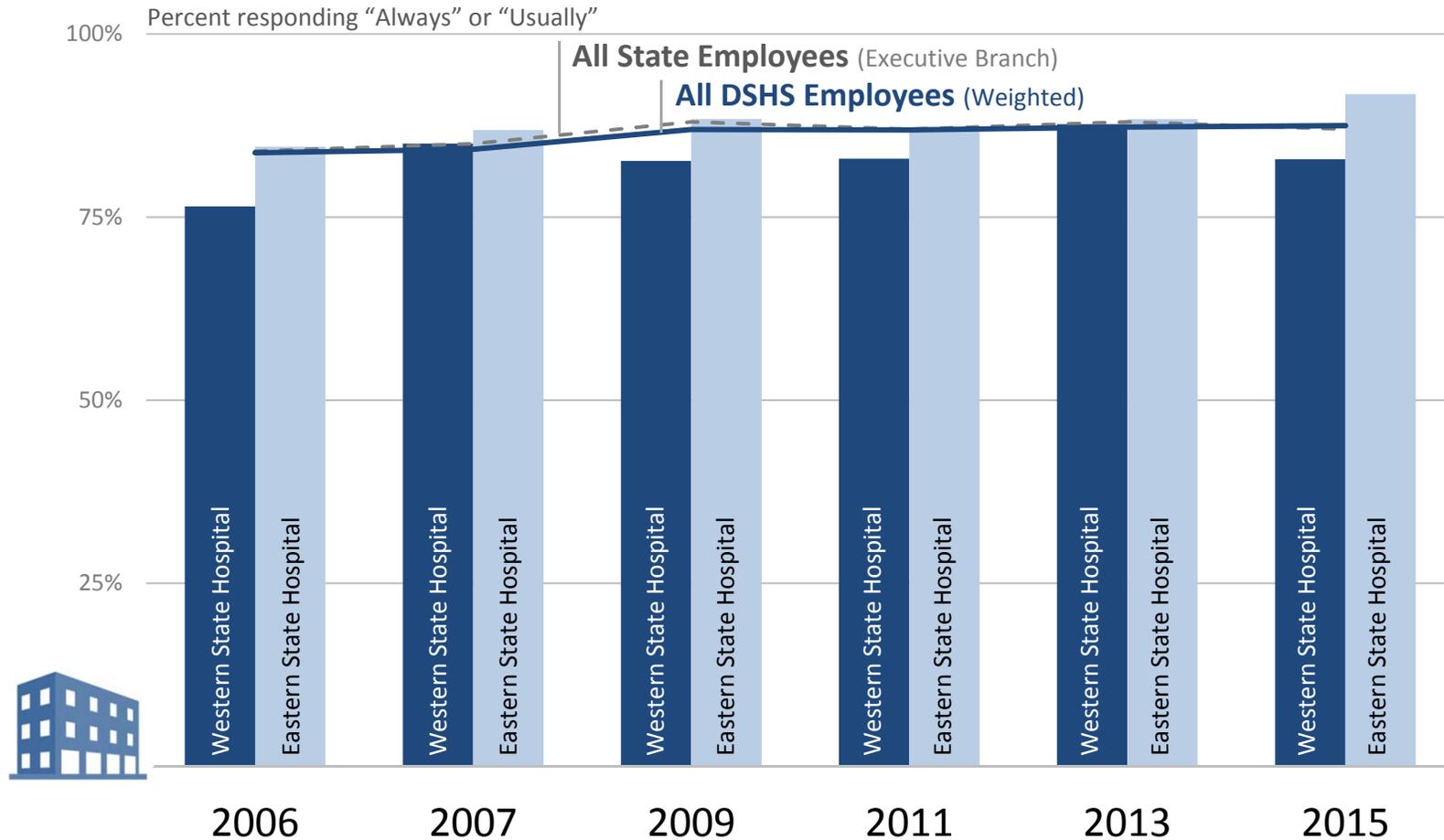
Q1: I have the opportunity to give input on decisions affecting my work.



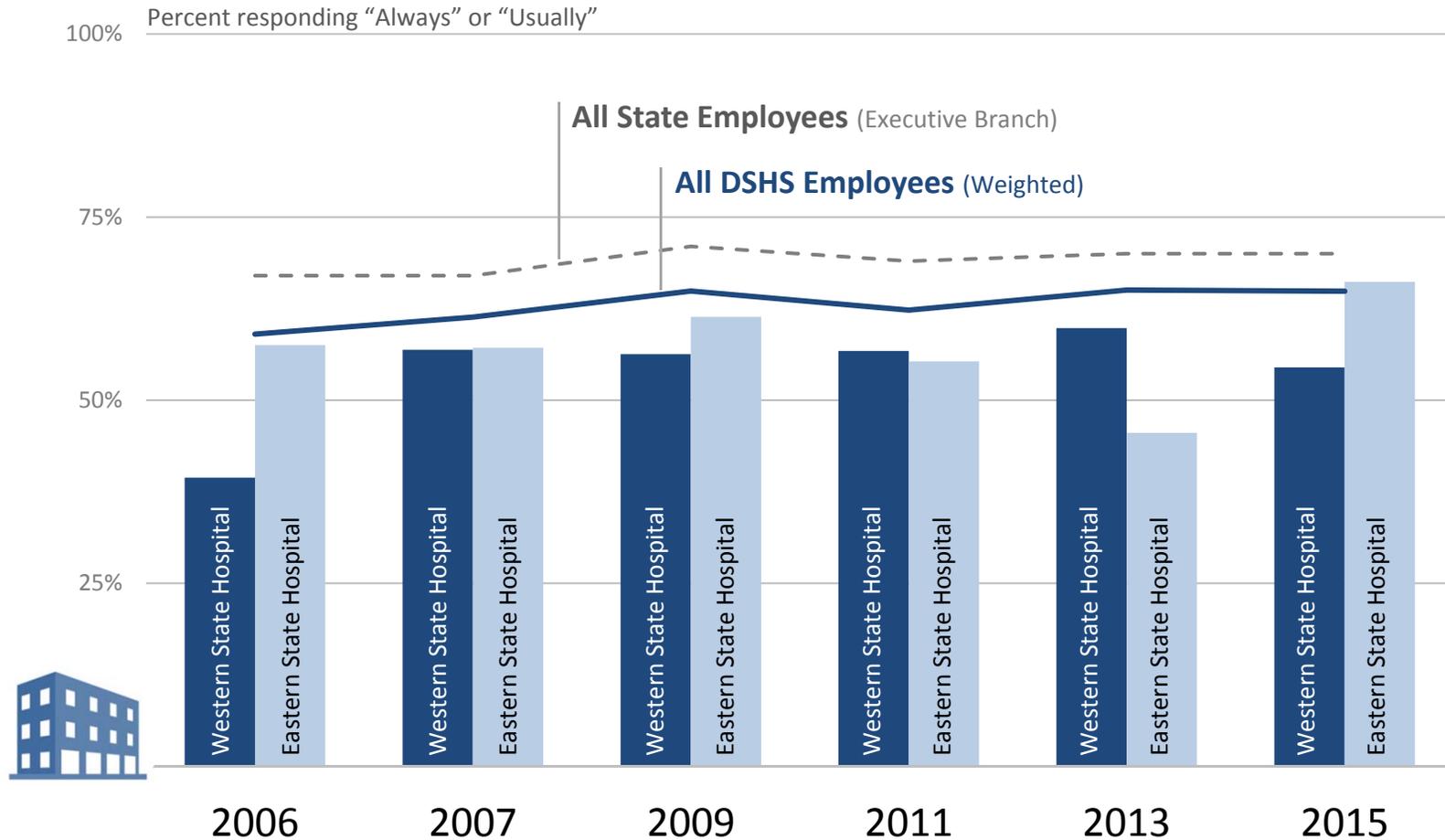
Q2: I receive the information I need to do my job effectively.



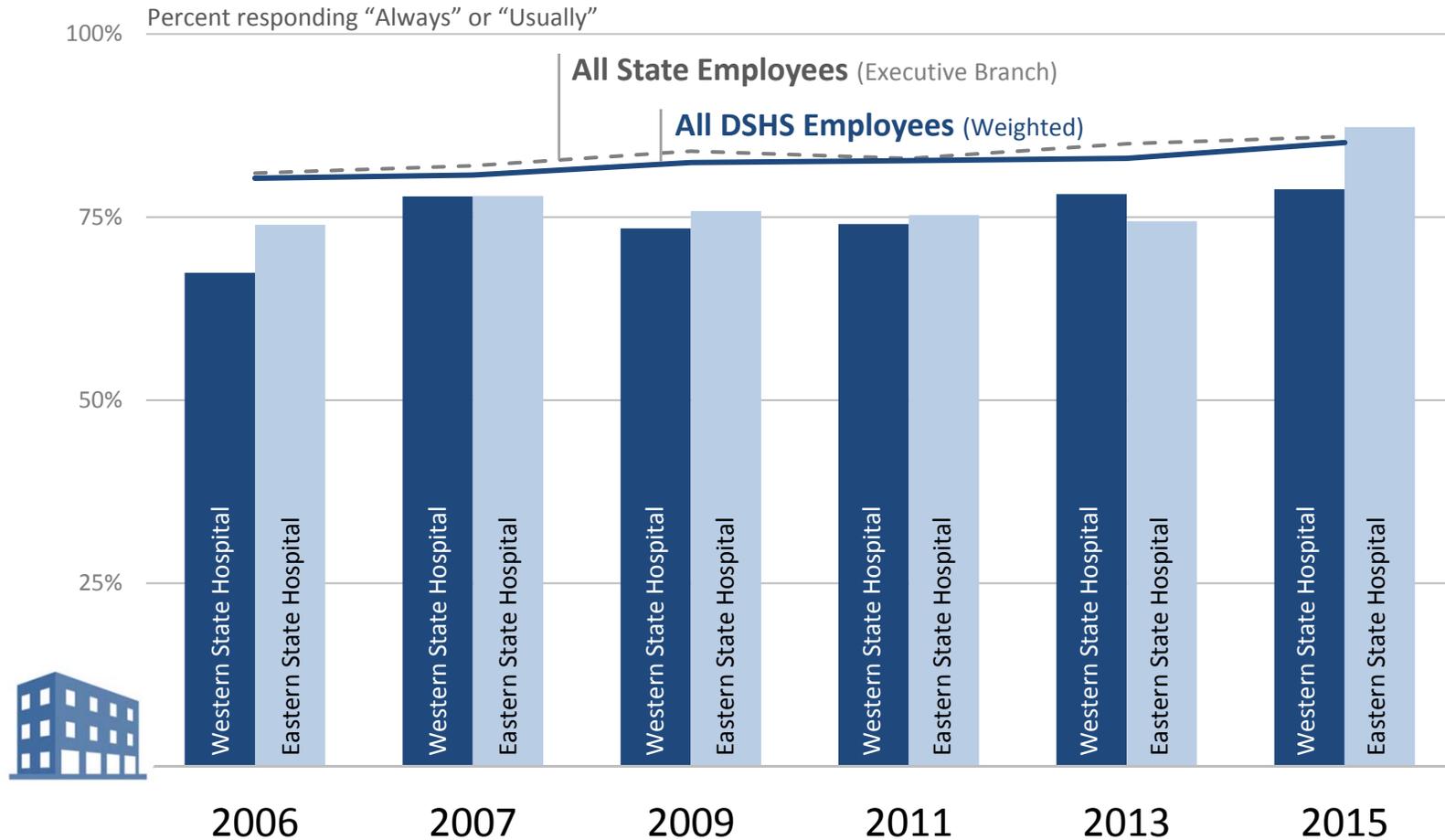
Q3: I know what is expected of me at work.



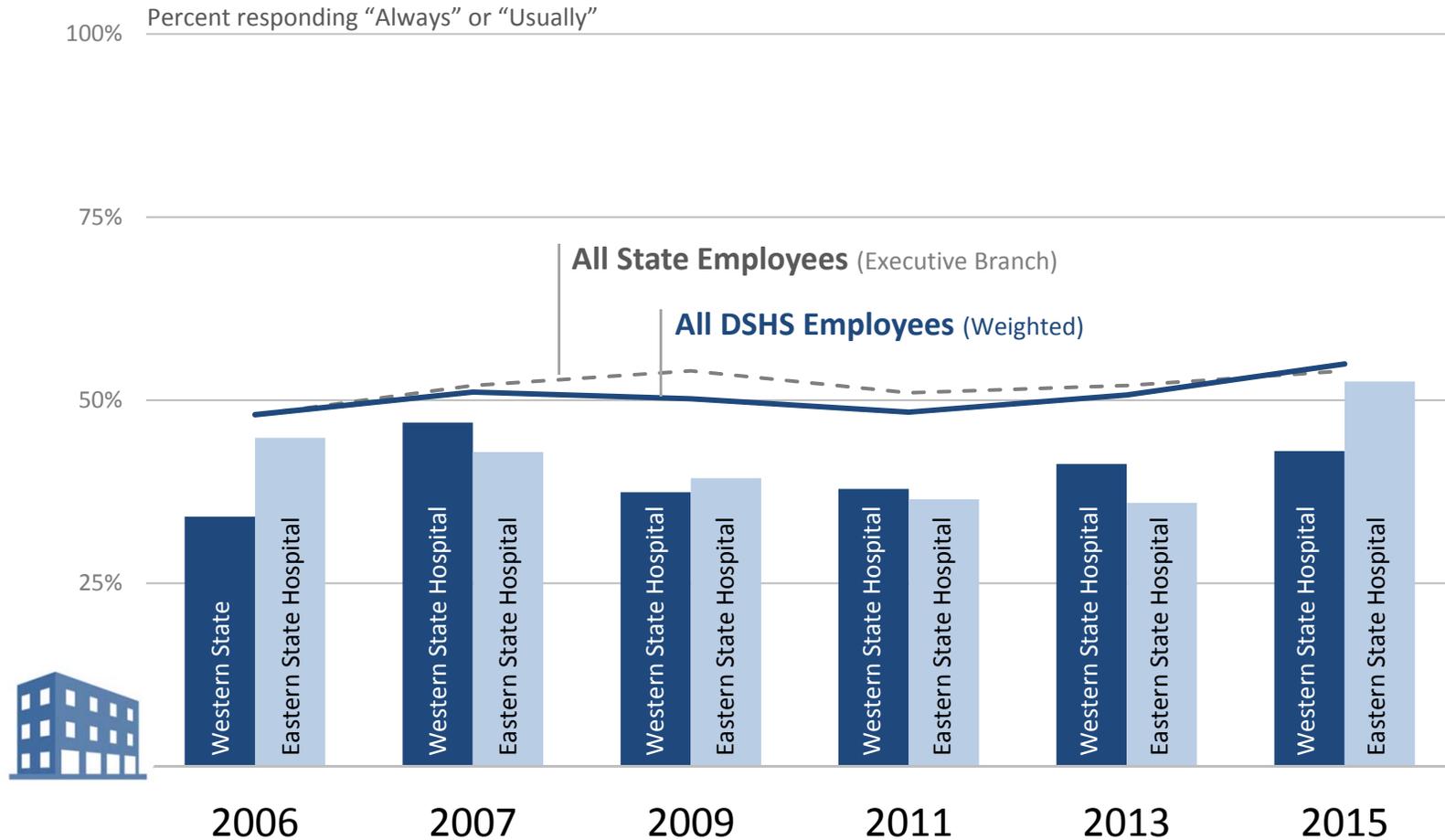
Q4: I have the tools and resources I need to do my job effectively.



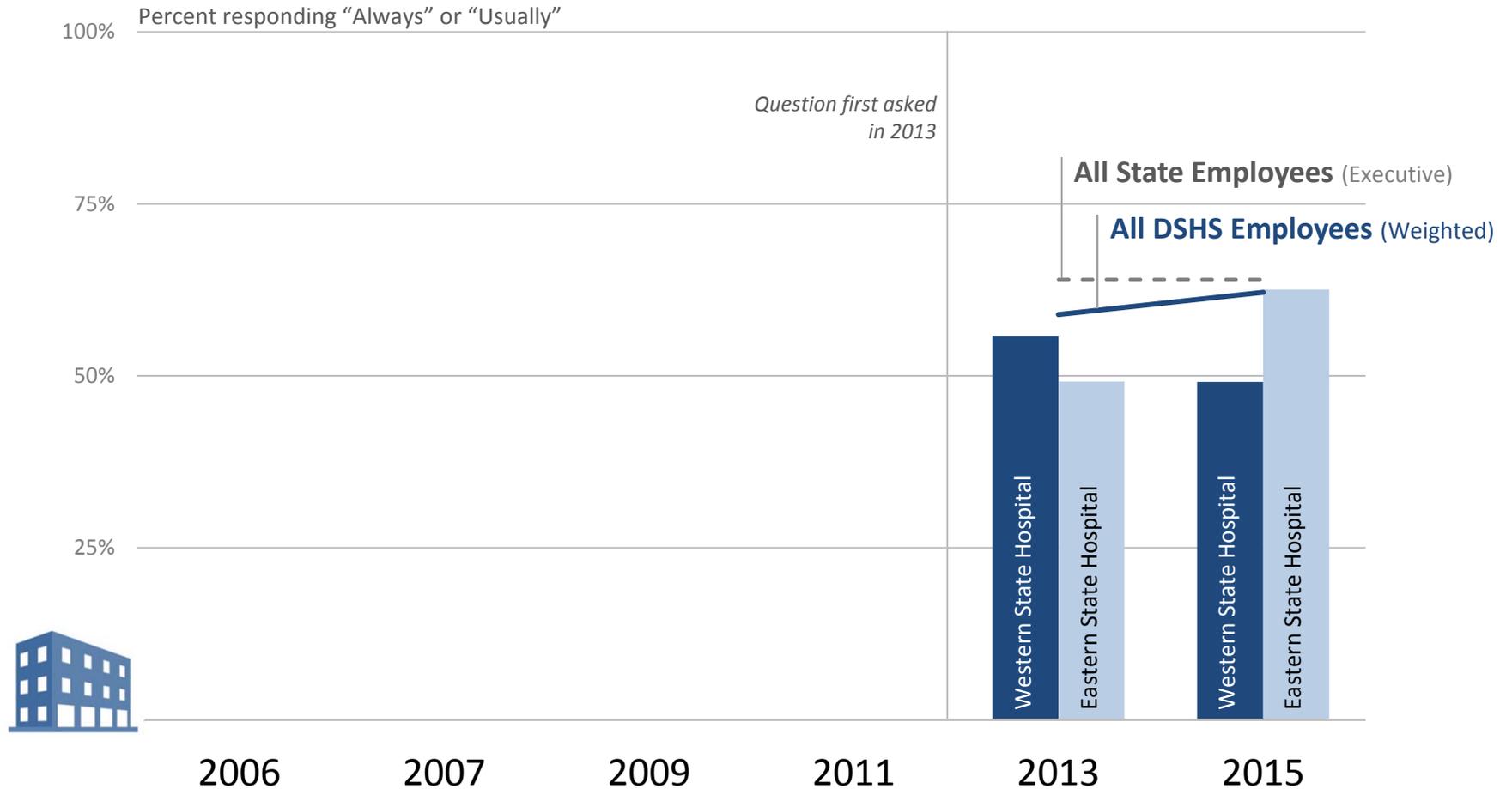
Q5: My supervisor treats me with dignity and respect.



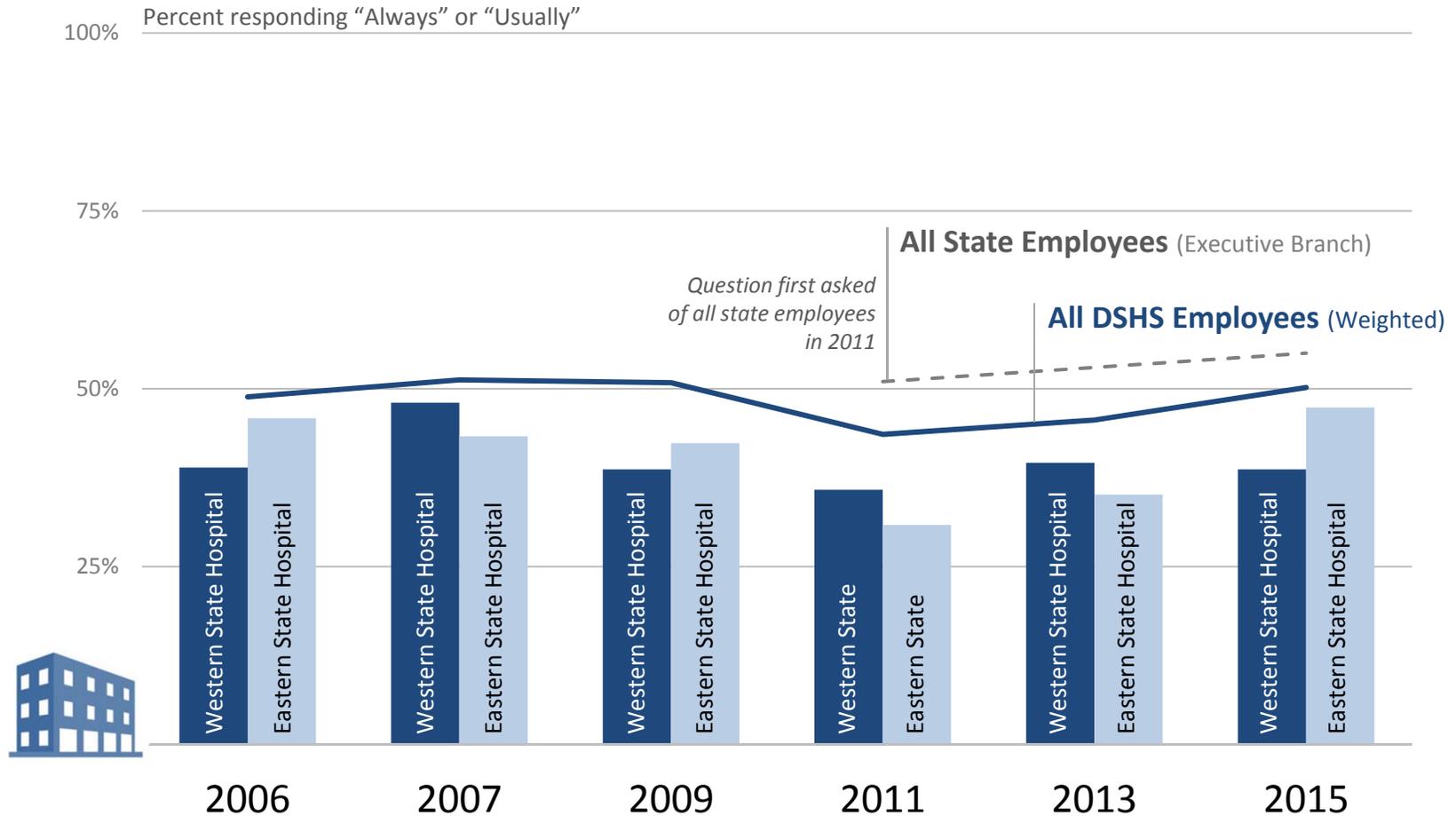
Q6: I receive recognition for a job well done.



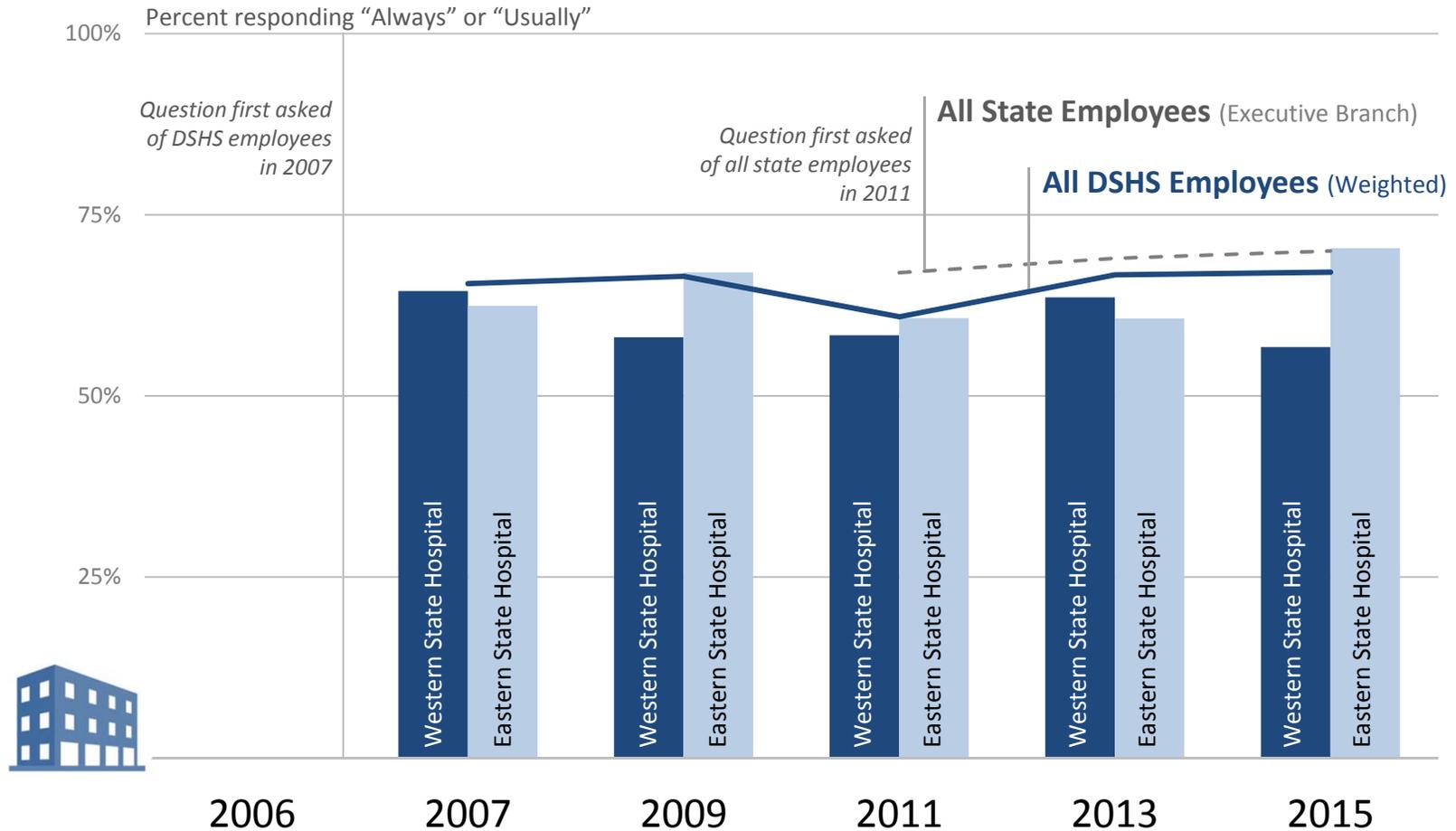
Q7: We are making improvements to make things better for our customers.



Q8: I am encouraged to come up with better ways of doing things.



Q9: In general, I'm satisfied with my job.

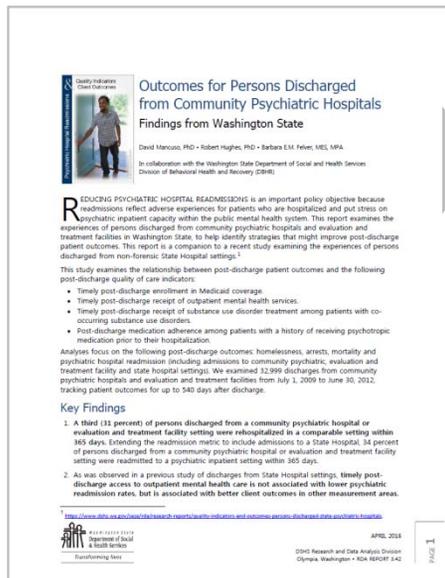




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PART 6 Additional Resources

More on Washington State Psychiatric Hospital Discharges



Outcomes for Persons Discharged from Community Psychiatric Hospitals *Findings From Washington State*

Examines experiences of persons discharged from community psychiatric hospitals and evaluation and treatment facilities in Washington State, to help identify strategies that might improve post-discharge patient outcomes. Analyses focus on homelessness, arrests, mortality and psychiatric hospital readmission following discharge.

APRIL 2016

Mancuso | Hughes | Felver

<https://www.dshs.wa.gov/sesa/rda/research-reports/outcomes-persons-discharged-community-psychiatric-hospitals>

Quality Indicators and Outcomes for Persons Discharged from State Psychiatric Hospitals

Examines experiences of persons discharged from a state psychiatric hospital in Washington State, to help identify interventions that might improve post-discharge client outcomes. We found that state psychiatric hospital readmissions are not uncommon—44 percent of those discharged were readmitted to a state or community psychiatric hospital within 540 days. For State psychiatric hospital episodes, timely post-discharge access to outpatient mental health is not associated with lower psychiatric readmission rates, but does appear to improve other client outcomes. Persons with substance use disorders had significantly higher psychiatric readmission rates, and timely post-discharge engagement in substance use disorder treatment is likely to reduce psychiatric readmission rates.

APRIL 2016

Mancuso

<https://www.dshs.wa.gov/sites/default/files/SESA/rda/documents/research-3-41.pdf>

