Connecticut Department of Mental Health and Addiction Services

ANNUAL STATISTICAL REPORT

SFY 2017

Produced by the Evaluation, Quality Management and Improvement Division

November 2017

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Introduction

The Evaluation, Quality Management and Improvement (EQMI) Division at the Department of Mental Health and Addiction Services (DMHAS) is pleased to publish its third Annual Statistical Report. The report provides information about the services the Department provides and the individuals served by our mental health and substance abuse system.

To develop this report, we used data taken from DMHAS' Enterprise Data Warehouse on August 31, 2017.

EQMI receives multiple requests for data from DMHAS staff, providers, legislative groups, researchers and the media. This report makes key information more accessible to departmental stakeholders; it includes data on clients served, demographic characteristics, types of services provided, residential and inpatient utilization, and substance use trends.

Special thanks to all of the EQMI staff and University of Connecticut School of Social Work contractors who assisted with this report. Karin Haberlin coordinated the development of the report, while Kristen Miller, Hsiu-Ju Lin, Jeff Johnson, and Xiulan Wu compiled, tested, and analyzed the data. Kristen Miller was responsible for writing the report.

Jim Siemianowski
Director, EQMI

Background

In this report, we summarize clients served and services provided by the Department of Mental Health and Addiction Services (DMHAS) during state fiscal year 2017. These data include clients served in DMHAS funded or DMHAS operated programs. The clients and the services are diverse, and the data is complex.

This report will, at different times, report numbers that refer to different subgroups or events that are based on *specific filtering of the data*. For instance, we frequently filter out programs that are not required to report treatment data when we present information from the Level of Care (LOC) perspective.

We also distinguish between clients and episodes. This distinction is important:
- **Client counts** are unduplicated counts in which each client is counted **once**.

- **Episode counts** represent an *episode of care* to a client – entailing admission, all services received, and discharge. All occur within the context of an episode of care for a client at a particular program.

- Each client may have multiple episodes of care that occur within the fiscal year; thus, the client may be counted **multiple times** – once for each episode, if applicable.

- Thus, **Admissions and Discharges** are reported as **episode counts**, as many clients have multiple episodes.

- In addition, a client may be admitted to/enrolled several programs simultaneously; therefore, *each* admission will be included in the overall Admission count below.

Figure 1 provides a visual representation of the different levels of analysis used in this report.
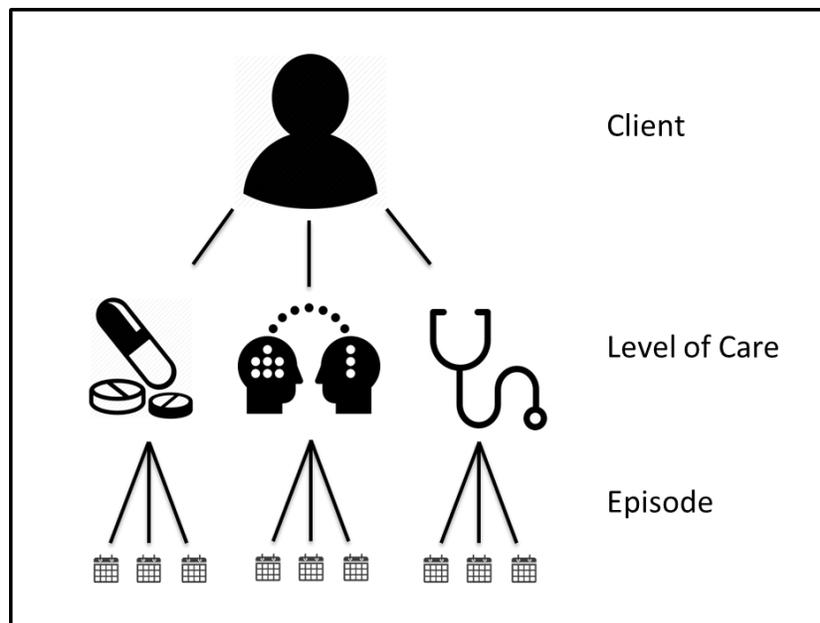
Figure 1: Levels of Analysis

In each section of the report, there is a brief description of what the counts represent.

The data contained in this report were taken from DMHAS' Enterprise Data Warehouse (EDW) on August 31, 2017. The data warehouse is a dynamic system, so reports or other analyses performed on different dates may produce slightly different results. **The numbers contained in this report are the official DMHAS data for SFY2017.**

A Few Important Notes Regarding SFY2017 Data

EQMI completed several data quality initiatives during SFY17 that impact the data reported here. Program funding status (funded/unfunded) was updated which resulted in approximately 20 programs moving from funded to unfunded status. Additionally, thousands of clients who were listed on the active rolls for several providers had not had services during the fiscal year and were thus administratively discharged prior to this data analysis. The impact of these data cleanup efforts will show, in comparison to last year's numbers, some decreases in number of clients and services for SFY17.

An additional note to address a frequently asked question regarding how the numbers presented in this report compare to reports generated by the Electronic Data Warehouse (EDW) focuses on the types of data we include in these analyses. Several levels of care (LOCs) are **not** included in these analyses, including Pre-Admit, Recovery Support and Other. These LOCs may be included in EDW reports, thus resulting in potential discrepancies when comparing numbers. It is also important to note that this report only includes data from DMHAS funded programs. EDW reports allow the user to included non-funded programs as well.

DMHAS SFY2017 Annual Statistical Data - Quick Facts

Program Type	N
Mental Health Programs	57,556
Substance Abuse Programs	56,459
Total Unduplicated Count	106,906

Race	N	%
White/Caucasian	68,125	64%
Black/African American	16,651	16%
Other	22,130	20%

Ethnicity	N	%
Latino/Hispanic Identity	22,277	21%

Gender	N	%
Male	62,890	59%
Female	43,473	41%
Transgender	12	0%

Level of Care	Unduplicated Client Count
MH Inpatient	1,144
MH Residential	2,422
MH Outpatient levels of care (see pg. 13)	57,003
SA Inpatient (Detox)	2,592
SA Residential Rehab	10,370
SA Outpatient levels of care (see pg. 16)	50,008

Primary Drug at MH or SA Admission – All SFY17 Active	N	%
Alcohol	28,119	34%
Heroin	27,702	34%
Marijuana/Hashish/THC	10,053	12%

Primary Drug at MH or SA Admission – SFY17 Admissions	N	%
Heroin/Other Opioids	18,755	38%
Alcohol	17,615	35%

Major Diagnosis Categories	N	%
Serious Mental Illness (SMI)	46,026	60.2
SA diagnosis	49,936	67.2
Dual diagnosis (SMI + SA)	24,562	33.1

Most Common MH Diagnosis Categories	N	%
Depressive Disorders	15,888	17.7
Schizophrenia Spectrum and Other Psychotic Disorders	10,522	11.7
Bipolar and Related Disorders	9,972	11.1

Data Summaries

Clients
- During State Fiscal Year 2017 (July 1, 2016 – June 30, 2017), the Department of Mental Health and Addiction Services served **106,906** people.

- **56,459** clients were treated in **Substance Abuse (SA)** programs (49,350 in only SA programs, plus 7,109 who received SA and MH services).

- **57,556** clients were served in **Mental Health (MH)** programs. (50,447 MH only, plus 7,109 MH and SA)

- A smaller group of clients (**7,109**) received services from **both MH and SA** programs during SFY17.[1]

Admissions
- There were **100,278 admissions** (each client may have a single or multiple admissions) to DMHAS operated or DMHAS funded programs.

- **71%** of clients had a **single MH program admission** during SFY2017.

- **72%** of clients had a **single SA program admission** during SFY2017.

- There were **9,788** more admissions to Substance Abuse programs than to Mental Health programs.

Discharges
During this same timeframe,

- There were **97,472** discharges from DMHAS operated or DMHAS funded programs. This does not necessarily mean that clients were discharged from the DMHAS system completely, but simply that an episode of treatment within a program ended.

- There were **7,326** more discharges from SA programs than from MH programs.

Open Episodes
Finally, **48,677** episodes of care (covering **40,863** clients) were **open for the entire fiscal year** (admitted prior to SFY17 and not yet discharged by the end of SFY17).

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[1] Note that receiving services from both program types does not imply that these clients have a dual diagnosis.

Table 1: SFY17 Episode Counts

Episode counts	SA	MH	Total
Admission	55,033	45,245	100,278
Discharge	52,399	45,073	97,472
Open*	16,343	32,334	48,677
Total	83,484	95,822	179,306

* Open-episode --started prior to FY17 and not yet discharged by 6/30/17

Table 2: Unduplicated Clients

Unduplicated Clients	SA	MH	Both	Total
Admissions	30,210	24,841	4,072	59,123
Discharges	29,619	26,646	3,744	60,009
Open	15,454	24,848	561	40,863
Unduplicated Clients	49,350	50,447	7,109	106,906

The tables below provide the same basic information as above, but have differentiated the data by Private Non-Profit (PNP) providers and State Operated facilities.

Table 3: PNP vs. State Operated – Episode Counts

Episode Counts	Funding source	SA	MH	Total
Admission	DMHAS Human Services Agreements	50,927	30,805	81,732
	DMHAS-operated	4,106	14,440	18,546
	Total	55,033	45,245	100,278
Discharge	DMHAS Human Services Agreements	48,270	30,781	79,051
	DMHAS-operated	4,129	14,292	18,421
	Total	52,399	45,073	97,472
Open	DMHAS Human Services Agreements	16,259	24,570	40,829
	DMHAS-operated	84	7,764	7,848
	Total	16,343	32,334	48,677

Table 4: PNP vs. State Operated - Unduplicated Clients

Unduplicated Clients	Funding source	SA	MH	Both	Total
Admissions	DMHAS Human Services Agreements	28,128	17,457	2,484	48,069
	DMHAS-operated	854	6,076	234	7,164
	Both	1,228	1,308	1,354	3,890
	Total	30,210	24,841	4,072	59,123
Discharge	DMHAS Human Services Agreements	27,441	18,584	2,274	48,299
	DMHAS-operated	961	6,679	197	7,837
	Both	1,217	1,383	1,273	3,873
	Total	29,619	26,646	3,744	60,009
Open	DMHAS Human Services Agreements	15,381	18,940	492	34,813
	DMHAS-operated	71	4,618	6	4,695
	Both	2	1,290	63	1,355
	Total	15,454	24,848	561	40,863
Total	DMHAS Human Services Agreements	47,235	37,398	4,845	89,478
	DMHAS-operated	827	9,177	232	10,236
	Both	1,288	3,872	2,032	7,192
	Total	49,350	50,447	7,109	106,906

DEMOGRAPHICS OF CLIENTS SERVED

The data presented in the Demographics section includes all clients served by DMHAS. The values represent unduplicated client counts (each client counted once) within program type (SA only, MH only or both SA & MH). The statewide total is a fully unduplicated client count. The narrative will generally discuss the results in terms of SA and MH programs; the counts under the "Both" category are added into the SA and MH counts to include everyone who received SA services or MH services.

Table 5: Gender

Gender	SA		MH		Both		Statewide Total	
	N	%	N	%	N	%	N	%
Female	15,141	30.7%	25,487	50.5%	2,844	40.0%	43,472	40.7%
Male	33,711	68.3%	24,920	49.4%	4,259	59.9%	62,890	58.8%
Transgender	1	0.0%	11	0.0%	-	0.0%	12	0.0%
Unknown	497	1.0%	29	0.1%	6	0.1%	532	0.5%
Total	49,350	100.0%	50,447	100.0%	7,109	100.0%	106,906	100.0%

- Statewide, more males received DMHAS services than females.
- Within MH specific programs, slightly more women than men received treatment (25,487 (51%) and 24,920 (49%) respectively).
- In SA specific programs, however, there were more than twice as many male clients than female clients (33,711 (68%) and 15,141 (31%) respectively).
- Additionally, clients who received both MH and SA services were more likely to be male (60% vs. 40% female). These patterns across program type have been observed since SFY12.

Table 6: Race

Race	SA		MH		Both		Statewide Total	
	N	%	N	%	N	%	N	%
American Indian/ Native Alaskan	242	.5%	267	.5%	44	.6%	553	.5%
Asian	378	.8%	559	1.1%	30	.4%	967	.9%
Black/African American	6,385	12.9%	8,940	17.7%	1,326	18.7%	16,651	15.6%
Native Hawaiian/ Other Pacific Islander	78	.2%	123	.2%	15	.2%	216	.2%
White/Caucasian	32,357	65.6%	31,340	62.1%	4,428	62.3%	68,125	63.7%
Multi-race	719	1.5%	224	.4%	66	.9%	1,009	.9%
Missing/unknown	1,877	3.8%	2,052	4.1%	145	2.0%	4,074	3.8%
Other	7,314	14.8%	6,942	13.8%	1,055	14.8%	15,311	14.3%
Total	49,350	100.0%	50,447	100.0%	7,109	100.0%	106,906	100.0%

- Of the total number of statewide clients served in FY 2017, 64% were White/Caucasian.
- With the addition of the next two largest groups, Black/African Americans and Other Race (often selected by clients of Hispanic ethnicity who view their race as neither Caucasian nor African American), at 16% and 14% respectively; this accounted for 94% of clients served.
- The distribution of clients by race was very consistent across SA and MH treatment programs. White/Caucasian clients were the most represented in treatment, followed by Black/African American and More than One Race. These patterns have been observed for the past four years.
- According to state census data from 2016, White/Caucasians represent 67.7% of Connecticut residents (reported as "White Alone, not Hispanic or Latino") and are thus underrepresented in the DMHAS population. Black/African Americans represent 11.8% of CT residents and thus are overrepresented in DMHAS data.[2]

Table 7: Ethnicity

Ethnicity	SA		MH		Both		Statewide Total	
	N	%	N	%	N	%	N	%
Hispanic-Cuban	115	0.2%	99	0.2%	16	.2%	230	0.2%
Hispanic-Mexican	431	0.9%	253	0.5%	30	.4%	714	0.7%
Hispanic-Other	3,951	8.0%	4,031	8.0%	521	7.3%	8,503	8.0%
Hispanic-Puerto Rican	6,258	12.7%	5,636	11.2%	936	13.2%	12,830	12.0%
Non-Hispanic	34,772	70.5%	37,425	74.2%	5,263	74.0%	77,460	72.5%
Unknown	3,823	7.7%	3,003	6.0%	343	4.8%	7,169	6.7%
Total	49,350	100.0%	50,447	100.0%	7,109	100.0%	106,906	100.0%

- Of the total number of clients served by DMHAS, 21% were of Hispanic/Latino ethnicity; 15.7% of Connecticut residents are Hispanic or Latino, meaning that they are overrepresented in the DMHAS data.
- The largest group of Hispanic/Latino consumers was of Puerto Rican origin (12%).
- Statewide, 73% of clients receiving DMHAS services were not of Hispanic/Latino ethnicity. The distribution of ethnic origin across SA/MH programs was generally equivalent, with slightly more consumers in Substance Abuse programs (+1.9%) being of Hispanic/Latino origin.

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[2] Data retrieved from https://www.census.gov/quickfacts/fact/table/CT/PST045216 on October 2, 2017.

- Non-Hispanic clients represented a slightly larger proportion (+3.8%) of mental health clients than substance abuse clients. These patterns have remained consistent for the past five years.

Table 8: Age

Age	SA		MH		Both		Statewide Total	
	N	%	N	%	N	%	N	%
18-25	8,112	16.4%	5,908	11.7%	673	9.5%	14,693	13.7%
26-34	14,362	29.1%	8,357	16.6%	1,737	24.4%	24,456	22.9%
35-44	10,367	21.0%	8,407	16.7%	1,605	22.6%	20,379	19.1%
45-54	8,875	18.0%	11,430	22.7%	1,803	25.4%	22,108	20.7%
55-64	5,355	10.9%	11,103	22.0%	1,146	16.1%	17,604	16.5%
65+	1,247	2.5%	4,751	9.4%	143	2.0%	6,141	5.7%
missing/unknown/errors	1,032	2.1%	491	1.0%	2	0.0%	1,525	1.4%
Total	49,350	100.0%	50,447	100.0%	7,109	100.0%	106,906	100.0%

- Average age of DMHAS clients is 41.9 years (± 14.5)

- Average age of clients receiving MH services is 45.4 years (±15.4)

- Average age of clients receiving SA services is 38.3 years (±12.8)

- Average age of clients receiving **both** MH and SA services is 41.8 Years (±12.3)

- Younger clients (up to age 44) were more likely to receive Substance Abuse services, while older clients (45 and over) were more likely to receive Mental Health services.
- Among clients receiving mental health services, the largest age group was 45 to 54 years, while most frequent age group for Substance Abuse clients was the 26 to 34 age range.
- Of clients receiving treatment, few were 65 years or older with the majority of them in Mental Health services. As with other demographics, the age trend patterns have remained steady over the last five years.

LEVEL OF CARE (LOC) DATA

The data presented in the Level of Care section include clients served by DMHAS funded and operated programs that are required to submit treatment data to DMHAS.

- The client counts represent unique (unduplicated) clients.
- The admission and discharge counts are based on episodes of care and represent duplicated client counts – each admission or discharge is counted once, but a client may have multiple admissions and/or discharges.
- To reduce the chance of confusion between unduplicated client count and admission/discharge counts (they all are counts based on clients), the number of clients admitted or discharged are referred to as 'admissions' or 'discharges' (versus 'clients admitted').

Mental Health Inpatient and Residential

DMHAS served three thousand two hundred seventy-seven (3,277) clients in mental health inpatient and residential programs, with 1,759 admissions and 2,008 discharges during SFY17. The majority (74%) of these clients were in residential LOCs.   Please see Appendix A for regional totals.

Table 9: MH Inpatient/Residential LOCs

9a. Active Clients		Total
Forensic MH	Inpatient Services	454
	Residential Services	39
Mental Health	Inpatient Services	690
	Residential Services	2,383
Total MH		3,277

9b. Admissions		Total
Forensic MH	Inpatient Services	255
	Residential Services	26
Mental Health	Inpatient Services	494
	Residential Services	984
Total MH		1,759

9c. Discharges		Total
Forensic MH	Inpatient Services	253
	Residential Services	27
Mental Health	Inpatient Services	495
	Residential Services	1,233
Total MH		2,008

Mental Health Outpatient

- For each LOC listed, we provide the unduplicated client count as well as the (fully unduplicated) total client count for all listed LOCs.
- Clients who received services from more than one LOC are counted in each relevant LOC.

Fifty-seven thousand and three (57,003) clients received services in outpatient levels of care. The majority of clients (65%) were served in a Standard Outpatient MH program, followed by Case Management (16%), Crisis (12%), and Social Rehabilitation (11%).

There were 43,422 admissions to MH Outpatient LOCs during the Fiscal Year. The majority (58%) of the admissions were to standard outpatient (36%) and crisis services (22%). There were also 43,025 discharges during SFY17. Standard Outpatient and Crisis Services had the most discharges (58% total) of all the service types.

Table 10: Mental Health Outpatient LOCs

10a. Active Clients		Total
Forensic MH	Case Management	151
	Crisis Services	40
	Forensics Community-based	4,682
	Outpatient	295
Mental Health	ACT	1,294
	Case Management	8,892
	Community Support	6,002
	Consultation	606
	Crisis Services	6,730
	Education Support	258
	Employment Services	4,044
	Forensics Community-based	41
	Housing Services	396
	Intake	2,555
	IOP	389
	Outpatient	36,604
	Prevention	432
	Social Rehabilitation	6,324
Total MH		57,003

Table 10 – Mental Health Outpatient LOCs - continued

10b. Admissions		Total
Forensic MH	Case Management	79
	Crisis Services	31
	Forensics Community-based	3,959
	Outpatient	184
Mental Health	ACT	397
	Case Management	4,362
	Community Support	2,415
	Consultation	307
	Crisis Services	9,555
	Education Support	130
	Employment Services	2,042
	Forensics Community-based	38
	Housing Services	18
	Intake	2,405
	IOP	418
	Outpatient	15,277
	Prevention	16
	Social Rehabilitation	1,789
Total MH		43,422

10c. Discharges		Total
Forensic MH	Case Management	71
	Crisis Services	31
	Forensics Community-based	3,838
	Outpatient	143
Mental Health	ACT	408
	Case Management	3,742
	Community Support	2,397
	Consultation	212
	Crisis Services	9,478
	Education Support	97
	Employment Services	2,182
	Forensics Community-based	30
	Housing Services	63
	Intake	2,560
	IOP	424
	Outpatient	15,437
	Prevention	41
	Social Rehabilitation	1,871
Total MH		43,025

Substance Abuse Inpatient and Residential

Eleven thousand eight hundred fifty-two (11,852) clients received Substance Abuse Inpatient and Residential services. Most (88%) of these clients were in the residential LOC. There were 20,581 admissions to SA inpatient or residential programs and 20,495 discharges during this timeframe.

Table 11: Substance Abuse Inpatient/Residential LOCs

11a. Active Clients		Total
Addiction	Inpatient Services	2,592
	Residential Services	10,370
Total SA		11,852

11b. Admissions		Total
Addiction	Inpatient Services	3,662
	Residential Services	16,919
Total SA		20,581

11c. Discharges		Total
Addiction	Inpatient Services	3,675
	Residential Services	16,820
Total SA		20,495

Substance Abuse Outpatient

- For each LOC listed, we provide the unduplicated client count as well as the (fully unduplicated) total client count for all listed LOCs.
- Clients who received services from more than one LOC are counted in each relevant LOC.

Fifty thousand and eight (50,008) clients received SA Outpatient services in SFY17. Just over one third of clients (36%) were served by Forensic SA community based (consisting of almost exclusively of Pre-Trial Intervention), 33% were served in an outpatient SA program, 27% were served in Medication Assisted Treatment programs.

There were 34,452 admissions to SA Outpatient LOCs during the Fiscal Year. Almost 80% of the admissions were to the three LOCs noted above: Standard Outpatient (38%), Forensic SA community based (Pre-Trial Intervention) services (26%), and Medication Assisted Treatment (16%).

There were also 31,904 discharges during SFY17. Standard Outpatient (38%) and Pre-Trial Intervention services (27%) again had the most discharges (65% total) of all the service types.

Table 12: Substance Abuse Outpatient LOCs

12a. Active Clients		Total
Addiction	Case Management	3,503
	Employment Services	719
	Forensics Community-based	266
	IOP	2,791
	Medication Assisted Treatment	13,495
	Outpatient	16,573
	PHP	192
Forensic SA	Case Management	343
	Forensics Community-based	18,187
Total SA		50,008

12b. Admissions		Total
Addiction	Case Management	2,796
	Employment Services	578
	Forensics Community-based	131
	IOP	2,969
	Medication Assisted Treatment	5,399
	Outpatient	13,058
	PHP	190
Forensic SA	Case Management	375
	Forensics Community-based	8,956
Total SA		34,452

12c. Discharges		Total
Addiction	Case Management	2,363
	Employment Services	571
	Forensics Community-based	228
	IOP	2,864
	Medication Assisted Treatment	4,731
	Outpatient	12,104
	PHP	179
Forensic SA	Case Management	318
	Forensics Community-based	8,546
Total SA		31,904

BED CAPACITY AND UTILIZATION

Data for this section were downloaded from the EDW on September 18, 2017. Bed Capacity represents the total number of beds available within a Level of Care.
- DMHAS defines utilization as the number of days each bed is in use during the SFY
- Statewide utilization represents the total number of days each bed is used (sum #days used across all beds) divided by the total number of bed days (# beds * # days in FY)
- For Group Homes, there are 176 beds available, and they were in use by a client 96% of the time
- Bed Utilization by Region data are located in Appendix B.

Table 13: Bed Capacity and Utilization

13a. MH Inpatient	Bed Capacity	State Avg. Utilization
Acute Psychiatric	328	91%
Acute Psychiatric - Intermediate	11	77%
Non-Certified Subacute	16	98%
Forensic MH Acute Psychiatric	232	97%

* Includes only State Operated programs

13b. MH Residential	Bed Capacity	State Avg. Utilization
Group Home	176	96%
Intensive Residential	116	93%
Supervised Apartments	685	93%
Transitional	52	81%

13c. SA Inpatient	Bed Capacity	State Avg. Utilization
Intensive Res. Rehabilitation 3.8	111	93%
Medically Managed Detox 4.2	41	86%

13d. SA Residential	Bed Capacity	State Avg. Utilization
Intermediate/Long Term Res. Tx 3.5	541	78%
Long Term Care 3.3	50	106%
Medically Monitored Detox 3.7D	110	85%
SA Intensive Res. Rehabilitation 3.7	147	96%
SA Intensive Residential - Enhanced	43	99%
Transitional/Halfway House 3.1	93	93%

PRIMARY DRUG USE

The data in these tables represent the primary drug reported at admission to treatment related programs. Some clients do not report drug use (primarily MH programs), thus they are not included in the data analyses for this section of the report.

These counts do not represent unduplicated clients, as each client may have multiple admissions during the SFY.

- The admission totals in these tables are different from those in the previous section, because these data include *all LOCs* and the previous section pertained only to selected LOCs.
- Table 14 includes active clients – anyone treated during the fiscal year regardless of when they were admitted. Table 15 includes only those clients who had an admission during the fiscal year.

Across all active clients in DMHAS funded treatment related (SA and MH) programs, **alcohol and heroin were effectively tied as the most frequently reported primary drug** (34%) at admission. If other opiates and synthetics are grouped with heroin, 38.3% of all primary drugs reported at admission involve an opioid. **Marijuana/hashish/THC** was the third most frequently reported drug at 12%; all other drugs were reported as primary at less than 10% of all admissions.

Among admissions to SA programs, **heroin** (47%) was the most frequently reported primary drug. **Alcohol** was reported as the primary drug in 29% of admissions. **Heroin or other opioid drugs account for the primary drug reported for 53% of all SA admissions.**

During admission to MH programs, **alcohol** was reported as the primary drug for almost half of the admissions (44%). The second most frequently reported drug during admission to MH programs was **marijuana/hashish/THC** (18%).

Table 14: Primary Drug at Admission – All Active Clients Who Reported a Drug at Admission

	SA		MH		Total	
	# Admissions	%	# Admissions	%	# Admissions	%
Alcohol	16,112	29.1%	12,007	44.2%	28,119	34.1%
Heroin	25,994	46.9%	1,708	6.3%	27,702	33.6%
Marijuana, Hashish, THC	5,103	9.2%	4,950	18.2%	10,053	12.2%
Cocaine	2,970	5.4%	2,348	8.6%	5,318	6.4%
None	102	.2%	464	1.7%	566	.7%
Other Opiates and Synthetics	3,174	5.7%	725	2.7%	3,899	4.7%
Other Substances*	1,772	3.2%	1,381	5.1%	3,153	3.8%
Unknown	147	.3%	3,576	13.2%	3,723	4.5%
Total	55,374	100%	27,159	100%	82,533	100%

*This category includes benzodiazepines, PCP, amphetamines, hallucinogens, non-prescription methadone, other sedatives or hypnotics, barbiturates, inhalants, methamphetamines, other stimulants, over the counter, tobacco, and tranquilizers.

Table 15: Primary Drug at Admission - New Admissions with Drug Reported

	SA		MH		Total	
	# Admissions	%	# Admissions	%	# Admissions	%
Alcohol	13,551	34.8%	4,064	36.6%	17,615	35.2%
Heroin	15,981	41.0%	922	8.3%	16,903	33.7%
Marijuana, Hashish, THC	3,931	10.1%	2,056	18.5%	5,987	11.9%
Cocaine	2,452	6.3%	913	8.2%	3,365	6.7%
None	42	.1%	163	1.5%	205	.4%
Other Opiates and Synthetics	1,527	3.9%	325	2.9%	1,852	3.7%
Other Substances*	1,408	3.6%	472	4.2%	1,880	3.8%
Unknown	96	0.2%	2,198	19.8%	2,294	4.6%
Total	38,988	100%	11,113	100%	50,101	100%

*This category includes benzodiazepines, PCP, amphetamines, hallucinogens, non-prescription methadone, other sedatives or hypnotics, barbiturates, inhalants, methamphetamines, other stimulants, over the counter, tobacco, and tranquilizers.

Overall, in SFY17, alcohol was the most frequently reported drug (35%), followed closely by heroin (34%). Last year, for the first time, heroin replaced alcohol as the most frequently reported drug.

When looking specifically at admissions during SFY17 (Table 15 above), the most frequent primary drug reported by clients admitted to SA programs was **heroin** (41%).

- **Alcohol** was the second most frequently reported drug (35%), similar to the pattern seen in SFY16.
- Alcohol continues to be the most frequently reported primary drug at admission to mental health programs (35%).

More active clients in SA programs reported heroin and other opioids (53%) than were new admissions in SFY17 (45%). This increase is due to the number of clients who stayed in long-term methadone maintenance (Medication Assisted Treatment) programs.

DIAGNOSIS

Diagnosis data come from treatment related programs, and reflect the *most recent primary diagnosis* during the *most recent episode of care* that was open during the fiscal year.

These values represent *an unduplicated client count* within each diagnostic category.

Table 16: Primary Diagnostic Category for Treatment Related Programs[3]
Note: clients may have more than one primary diagnosis

Rank	Diagnostic Category	Frequency	%
1	Substance-Related and Addictive Disorders	36,412	40.6
2	Depressive Disorders	15,888	17.7
3	Schizophrenia Spectrum and Other Psychotic Disorders	10,522	11.7
4	Bipolar and Related Disorders	9,972	11.1
5	Trauma- and Stressor-Related Disorders	6,812	7.6
6	Anxiety Disorders	4,577	5.1
7	Diagnosis Deferred On This Axis	1,465	1.6
8	Neurodevelopmental Disorders	1,435	1.6
9	Disruptive, Impulse-Control, and Conduct Disorders	840	0.9
10	Obsessive-Compulsive and Related Disorders	542	0.6
11	Personality Disorders	422	0.5
12	Neurocognitive Disorders	230	0.3
13	Other Conditions That May Be a Focus of Clinical Attention	158	0.2
14	Other Mental Disorders	136	0.2
15	Feeding and Eating Disorders	53	0.1
16	Dissociative Disorders	51	0.1
17	Somatic Symptom and Related Disorders	48	0.1
18	Paraphilic Disorders	34	0
19	Gender Dysphoria	29	0
20	Sleep-Wake Disorders	25	0
21	Sexual Dysfunctions	7	0
22	Elimination Disorders	2	0
	Total	**89,660**	**100**

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[3]Based on DSM V classification groups, using the most recent primary dx from the latest episode in FY17, unduplicated cases with dx info, N=89,660

Table 17: Serious Mental Illness (SMI) and SA Diagnosis Prevalence

17b. Based on Primary and Non-Primary Diagnoses	FY17	
	N	%
SMI	46,026	62.0%
SA dis/abuse	49,936	67.2%
Dual dx (SMI+SA)	24,562	33.1%

- **Over 60% of the clients qualify for an SMI (serious mental illness) diagnosis**, which involves having any (or multiple), of the following diagnoses: Schizophrenia (including related disorders), Bipolar Disorder, or Major Depression **and, starting this year, PTSD**.

- Two out of three clients (67.2%) have a **substance use/abuse disorder**.

- One-third (33.1%) of clients qualify for a **dual diagnosis**, meaning that they have both an SMI diagnosis and a substance abuse diagnosis.

YOUNG ADULT SERVICES

Young Adult Services (YAS) serves clients who are aged 18-25 with history of DCF involvement and major mental health problems.   These data represent unduplicated client counts. Clients are counted as YAS clients as long as they receive any YAS services.

In SFY17, **YAS** programs served **1,245 clients** (8.3% of total 18-25 DMHAS population). This is a 1.6% increase from SFY16. To provide context, we present client numbers in different DMHAS subgroups below. Client counts are unduplicated within each subgroup, but not across subgroups.

Table 18: Young Adult Clients

ALL 18-25	SA 18-25	MH 18-25	Young Adult Services
15,010	8,983	6,714	1,245

Since FY13, YAS has been collecting information from YAS clients discharged during the fiscal year.[4]
- In FY17, 52% of discharged clients were living stably in the community.
- Additionally, over 40% of clients were able to live independently after discharge.
- Almost a third of discharged YAS clients had obtained a high school diploma or GED and almost a quarter were employed.
- Seven percent were considered to be responsible parents, and 9% had obtained a driver's license.

Accomplishment at discharge
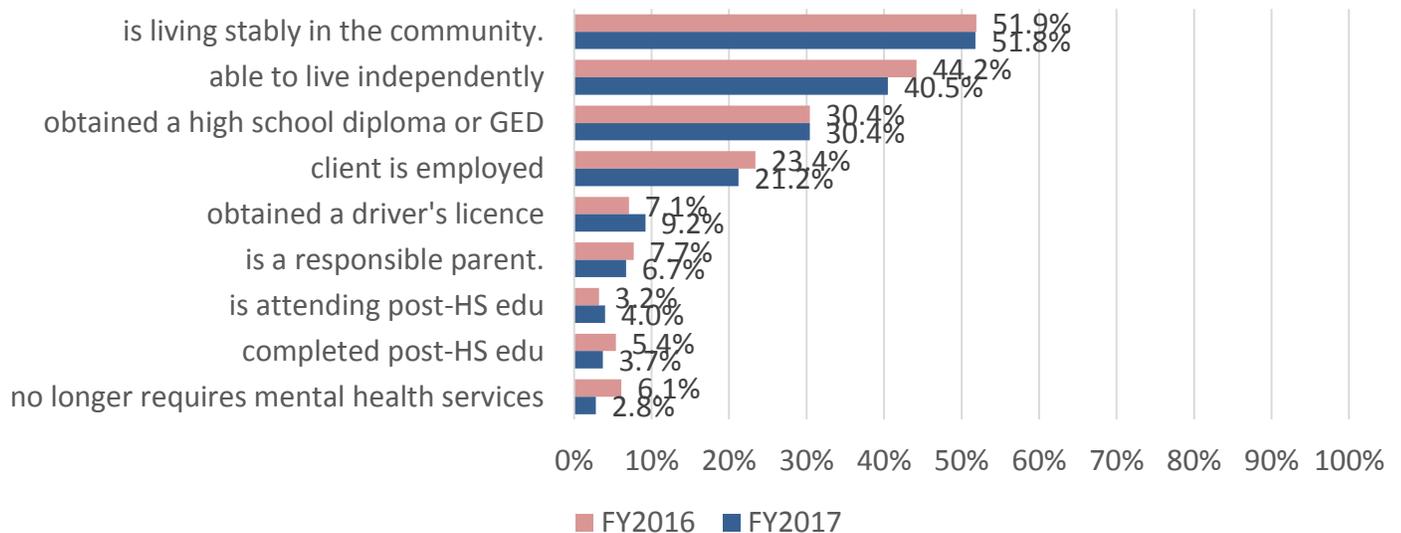
Figure 2: Discharge Data for 326 YAS Discharges in SFY2017

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[4] These data were collected through use of the YAS Evaluation Form, which is managed by the School of Social Work at UCONN.

APPENDIX A. SFY17 LOC Data by Region

MH IP/Res LOCs Active Clients		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Forensic MH	Inpatient Services		454				454
	Residential Services		39				39
Mental Health	Inpatient Services	178	471	23	45	-	690
	Residential Services	287	570	534	505	506	2,383
Total MH		444	1,421	546	532	506	3,277

MH IP/Res LOCs Admissions		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Forensic MH	Inpatient Services		255				255
	Residential Services		26				26
Mental Health	Inpatient Services	165	274	25	30	-	494
	Residential Services	81	208	359	187	149	984
Total MH		246	763	384	217	149	1,759

MH IP/Res LOCs Discharges		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Forensic MH	Inpatient Services		253				253
	Residential Services		27				27
Mental Health	Inpatient Services	162	276	27	30	-	495
	Residential Services	74	269	513	206	171	1,233
Total MH		236	825	540	236	171	2,008

MH OP LOCs Active Clients		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Forensic MH	Case Management	-	123	-	33	-	151
	Crisis Services	15	13	-	-	12	40
	Forensics Community-based	627	1,619	620	1,740	302	4,682
	Outpatient	-	-	-	295	-	292
Mental Health	ACT	53	229	237	504	276	1,294
	Case Management	1,873	3,366	889	2,051	926	9,043
	Community Support	758	1,832	1,280	1,673	463	6,002
	Consultation	61	105	171	168	55	606
	Crisis Services	1,216	1,583	619	1,248	2,117	6,770
	Education Support	76	58	50	48	26	258
	Employment Services	578	1,318	528	1,085	540	4,044
	Forensics Community-based	7	1	10	25	-	4,723
	Housing Services	177	110	35	74	-	396
	Intake	360	1,468	234	270	242	2,555
	IOP	-	-	-	325	64	389
	Outpatient	2,289	9,606	5,073	14,228	5,540	36,899
	Prevention	-	432	-	-	-	432
	Social Rehabilitation	1,689	1,421	696	1,672	864	6,324
Total MH		7,496	15,474	7,387	19,103	9,089	57,003

MH OP LOCs Admissions		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Forensic MH	Case Management	-	67	-	12	-	79
	Crisis Services	12	11	-	-	8	31
	Forensics Community-based	652	1,206	484	1,378	239	3,959
	Outpatient	-	-	-	184	-	184
Mental Health	ACT	12	45	82	151	107	397
	Case Management	671	2,019	514	928	230	4,362
	Community Support	192	684	650	747	142	2,415
	Consultation	37	41	105	98	26	307
	Crisis Services	1,679	2,603	829	1,439	3,005	9,555
	Education Support	44	22	23	27	14	130
	Employment Services	266	611	282	605	278	2,042
	Forensics Community-based	7	1	9	21	-	38
	Housing Services	-	6	12	-	-	18
	Intake	292	1,494	228	154	237	2,405
	IOP	-	-	-	337	81	418
	Outpatient	310	3,987	2,075	5,906	2,999	15,277
	Prevention	-	16	-	-	-	16
	Social Rehabilitation	468	520	232	420	149	1,789
Total MH		4,642	13,333	5,525	12,407	7,515	43,422

MH OP LOCs Discharges		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Forensic MH	Case Management	-	55	-	16	-	71
	Crisis Services	12	12	-	-	7	31
	Forensics Community-based	700	1,158	454	1,309	217	3,838
	Outpatient	-	-	-	143	-	143
Mental Health	ACT	14	47	93	159	95	408
	Case Management	549	1,705	523	794	171	3,742
	Community Support	230	646	591	774	156	2,397
	Consultation	22	62	52	65	11	212
	Crisis Services	1,671	2,576	823	1,410	2,998	9,478
	Education Support	24	16	22	25	10	97
	Employment Services	287	744	316	587	248	2,182
	Forensics Community-based	5	-	9	16	-	30
	Housing Services	-	45	18	-	-	63
	Intake	330	1,484	243	263	240	2,560
	IOP	-	-	-	341	83	424
	Outpatient	509	3,814	2,045	6,123	2,946	15,437
	Prevention	-	41	-	-	-	41
	Social Rehabilitation	364	526	284	503	194	1,871
Total MH		4,717	12,931	5,473	12,528	7,376	43,025

SA IP/Res LOCs Active Clients		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Addiction	Inpatient Services	-	2,592	-	-	-	2,592
	Residential Services	1,307	3,875	1,736	2,806	2,495	10,370
Total SA		1,307	6,081	1,736	2,806	2,495	11,852

SA IP/Res LOCs Admissions		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Addiction	Inpatient Services	-	3,662	-	-	-	3,662
	Residential Services	1,393	5,322	2,300	4,643	3,261	16,919
Total SA		1,393	8,984	2,300	4,643	3,261	20,581

SA IP/Res LOCs Discharges		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Addiction	Inpatient Services	-	3,675	-	-	-	3,675
	Residential Services	1,391	5,242	2,305	4,637	3,245	16,820
Total SA		1,391	8,917	2,305	4,637	3,245	20,495

SA OP LOCs Active Clients		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Addiction	Case Management	236	1,396	371	812	849	3,503
	Employment Services	77	273	157	213	-	719
	Forensics Community-based	-	113	-	153	-	266
	IOP	324	1	603	1,218	655	2,791
	Medication Assisted Tx	3,904	575	1,440	5,255	2,619	13,495
	Outpatient	1,318	3,125	2,833	7,658	1,790	16,573
	PHP	89	104	-	-	-	192
Forensic SA	Case Management	-	-	84	193	67	343
	Forensics Community-based	2,293	6,802	2,225	4,374	2,588	18,187
Total SA		7,622	12,005	6,958	17,781	7,710	50,008

SA OP LOCs Admissions		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Addiction	Case Management	219	1,071	256	540	710	2,796
	Employment Services	59	192	137	190	-	578
	Forensics Community-based	-	81	-	50	-	131
	IOP	328	-	646	1,280	715	2,969
	Medication Assisted Tx	1,711	274	600	1,950	864	5,399
	Outpatient	999	1,920	2,241	6,134	1,764	13,058
	PHP	88	102	-	-	-	190
Forensic SA	Case Management	-	-	93	214	68	375
	Forensics Community-based	1,347	2,541	1,420	2,693	955	8,956
Total SA		4,751	6,181	5,393	13,051	5,076	34,452

SA OP LOCs Discharges		Region 1	Region 2	Region 3	Region 4	Region 5	Total
Addiction	Case Management	159	1,108	178	440	478	2,363
	Employment Services	55	202	124	190	-	571
	Forensics Community-based	-	81	-	147	-	228
	IOP	311	1	641	1,193	718	2,864
	Medication Assisted Tx	1,647	215	471	1,735	663	4,731
	Outpatient	932	1,839	2,129	5,721	1,483	12,104
	PHP	87	92	-	-	-	179
Forensic SA	Case Management	-	-	70	189	59	318
	Forensics Community-based	1,403	2,161	1,566	2,964	452	8,546
Total SA		4,594	5,699	5,179	12,579	3,853	31,904

APPENDIX B. SFY17 Bed Capacity and Utilization by Region

Program Type Addiction	LOC Type	LOC Mode	Data Type	Region 1	Region 2	Region 3	Region 4	Region 5	Statewide
	Inpatient Services	Intensive Res. Rehabilitation 3.8	Bed Capacity		111				111
			Utilization Rate		93%				93%
		Medically Managed Detox 4.2	Bed Capacity		41				41
			Utilization Rate		86%				86%
	Residential Services	AIDS Residential	Bed Capacity	15	10		9		34
			Utilization Rate	97%	79%		90%		89%
		Intermediate/Long Term Res.Tx 3.5	Bed Capacity	125	184	155	35	42	541
			Utilization Rate	85%	61%	89%	76%	86%	78%
		Long Term Care 3.3	Bed Capacity					50	50
			Utilization Rate					106%	106%
		Medically Monitored Detox 3.7D	Bed Capacity		43	20	35	12	110
			Utilization Rate		85%	72%	85%	108%	85%
		Recovery House	Bed Capacity	21	30	10	38	51	150
			Utilization Rate	98%	129%	89%	81%	93%	98%
		SA Intensive Res. Rehabilitation 3.7	Bed Capacity	25	34	16	30	42	147
			Utilization Rate	89%	109%	76%	100%	96%	96%
		SA Intensive Residential - Enhanced	Bed Capacity	23				20	43
			Utilization Rate	95%				103%	99%
		Shelter	Bed Capacity	36	90		51	18	195
			Utilization Rate	104%	93%		49%	65%	81%
		Transitional/Halfway House 3.1	Bed Capacity	6	4	34	35	14	93
			Utilization Rate	76%	98%	95%	90%	99%	93%

(See next page for Mental Health)

Program Type	LOC Type	LOC Mode	Data Type	Region 1	Region 2	Region 3	Region 4	Region 5	Statewide
Forensic MH	Crisis Services	Respite Bed	Bed Capacity	3	3			4	10
			Utilization Rate	81%	81%			90%	85%
	Inpatient Services	Acute Psychiatric	Bed Capacity		232				232
			Utilization Rate		97%				97%
	Residential Services	MH Intensive Res. Rehabilitation	Bed Capacity		6				6
			Utilization Rate		96%				96%
		Transitional	Bed Capacity		11				11
			Utilization Rate		73%				73%
Mental Health	Crisis Services	Respite Bed	Bed Capacity	10	40		19	26	95
			Utilization Rate	93%	70%		76%	27%	62%
	Inpatient Services	Acute Psychiatric*	Bed Capacity	62	264	2			328
			Utilization Rate	99%	88%	105%		0%	91%
		Acute Psychiatric - Intermediate	Bed Capacity	8		3			11
			Utilization Rate	80%		69%			77%
		Non-Certified Subacute	Bed Capacity				16		16
			Utilization Rate				98%		98%
	Residential Services	Group Home	Bed Capacity	40	55	14	42	25	176
			Utilization Rate	91%	95%	90%	98%	98%	96%
		MH Intensive Res. Rehabilitation	Bed Capacity		25		76	15	116
			Utilization Rate		87%		94%	96%	93%
		Other	Bed Capacity			11			11
			Utilization Rate			49%			49%
		Residential Support	Bed Capacity	29		4			33
			Utilization Rate	109%		91%			107%
		Sub-Acute	Bed Capacity			15			15
			Utilization Rate			82%			82%
		Supervised Apartments	Bed Capacity	83	179	122	170	131	685
			Utilization Rate	97%	90%	92%	94%	96%	93%
		Transitional	Bed Capacity	5		5		42	52
			Utilization Rate	91%		119%		75%	81%

Includes only State Operated programs

APPENDIX C.[5] DMHAS Clients by Town

Town	MH Only	SA Only	MH & SA	Total
Andover	26	29	-	60
Ansonia	530	297	53	880
Ashford	50	62	10	122
Avon	31	69	5	105
Barkhamsted	31	60	-	92
Beacon Falls	36	77	-	117
Berlin	60	273	14	347
Bethany	12	37	5	54
Bethel	122	208	9	339
Bethlehem	36	35	-	75
Bloomfield	300	231	25	556
Bolton	72	41	8	121
Bozrah	43	45	-	92
Branford	542	286	62	890
Bridgeport	2362	2452	432	5246
Bridgewater	7	17	-	25
Bristol	468	1376	113	1957
Brookfield	90	168	14	272
Brooklyn	168	106	18	292
Burlington	12	118	6	136
Canaan	45	70	-	116
Canterbury	47	63	5	115
Canton	33	103	-	139
Chaplin	36	40	6	82
Cheshire	104	192	12	308
Chester	29	47	-	79
Clinton	84	192	16	292
Colchester	90	180	20	290
Colebrook	13	17	-	31
Columbia	48	50	7	105
Cornwall	9	5	0	14
Coventry	119	137	21	277
Cromwell	67	177	6	250
Danbury	1034	1138	157	2329
Darien	34	58	-	93
Deep River	35	78	-	117
Derby	233	216	23	472
Durham	21	66	-	89

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[5] Counts with fewer than 5 clients have been excluded.

Town	MH Only	SA Only	MH & SA	Total
East Granby	53	50	6	109
East Haddam	35	95	9	139
East Hampton	77	209	13	299
East Hartford	1860	704	154	2718
East Haven	539	462	87	1088
East Lyme	62	219	24	305
East Windsor	278	181	34	493
Eastford	15	12	0	27
Easton	21	37	0	58
Ellington	140	121	19	280
Enfield	1376	673	163	2212
Essex	56	48	9	113
Fairfield	169	283	27	479
Farmington	68	237	10	315
Franklin	13	21	0	34
Glastonbury	262	203	29	494
Goshen	33	30	7	70
Granby	90	68	13	171
Greenwich	178	211	9	398
Griswold	189	283	20	492
Groton	312	490	40	842
Guilford	166	153	34	353
Haddam	40	69	5	114
Hamden	670	352	90	1112
Hampton	30	45	-	78
Hartford	3680	4514	778	8972
Hartland	-	13	-	21
Harwinton	59	57	-	117
Hebron	66	84	12	162
Kent	35	35	-	72
Killingly	595	314	77	986
Killingworth	21	46	-	68
Lebanon	65	95	13	173
Ledyard	87	192	6	285
Litchfield	122	96	10	228
Madison	98	135	12	245
Manchester	1964	737	138	2839
Mansfield	139	179	28	346
Marlborough	45	51	10	106
Meriden	1156	975	198	2329
Middlebury	28	57	-	88

Town	MH Only	SA Only	MH & SA	Total
Middlefield	22	34	-	59
Middletown	931	933	177	2041
Milford	768	647	103	1518
Monroe	32	165	-	201
Montville	182	288	22	492
Morris	23	31	-	56
Naugatuck	325	459	33	817
New Britain	1120	2198	323	3641
New Canaan	45	65	-	113
New Fairfield	54	111	10	175
New Hartford	52	76	7	135
New Haven	3585	1947	669	6201
New London	739	840	147	1726
New Milford	419	410	51	880
Newington	253	372	34	659
Newtown	101	277	13	391
Norfolk	22	28	-	52
North Branford	117	128	20	265
North Canaan	-	8	0	11
North Haven	192	188	24	404
North Stonington	17	60	-	81
Norwalk	1459	887	123	2469
Norwich	1201	947	152	2300
Old Lyme	30	78	7	115
Old Saybrook	40	113	7	160
Orange	66	75	11	152
Oxford	67	122	13	202
Plainfield	283	264	30	577
Plainville	102	392	34	528
Plymouth	58	235	17	310
Pomfret	39	25	-	66
Portland	83	126	16	225
Preston	43	54	-	100
Prospect	51	66	-	121
Putnam	251	143	21	415
Redding	26	54	-	81
Ridgefield	68	131	9	208
Rocky Hill	215	175	9	399
Roxbury	20	21	-	44
Salem	20	40	-	63
Salisbury	18	36	-	56

Town	MH Only	SA Only	MH & SA	Total
Scotland	12	8	-	23
Seymour	210	200	28	438
Sharon	17	21	5	43
Shelton	319	425	42	786
Sherman	22	29	-	53
Simsbury	106	122	8	236
Somers	153	112	14	279
South Windsor	228	149	20	397
Southbury	84	126	-	213
Southington	128	591	55	774
Sprague	36	48	-	87
Stafford	198	218	28	444
Stamford	1282	936	111	2329
Sterling	38	58	7	103
Stonington	156	284	12	452
Stratford	268	622	50	940
Suffield	205	94	25	324
Thomaston	70	121	5	196
Thompson	130	77	11	218
Tolland	97	96	9	202
Torrington	1468	856	181	2505
Trumbull	94	227	11	332
Vernon	619	355	46	1020
Voluntown	19	34	5	58
Wallingford	286	480	46	812
Warren	12	21	0	33
Washington	23	44	5	72
Waterbury	3098	2399	277	5774
Waterford	107	270	18	395
Watertown	184	265	22	471
West Hartford	400	434	38	872
West Haven	925	662	143	1730
Westbrook	37	111	6	154
Weston	17	43	-	62
Westport	127	89	12	228
Wethersfield	210	267	26	503
Willington	67	69	9	145
Wilton	40	77	5	122
Winchester	334	282	27	643
Windham	860	885	187	1932
Windsor	406	307	37	750

Town	MH Only	SA Only	MH & SA	Total
Windsor Locks	303	197	47	547
Wolcott	117	178	8	303
Woodbridge	28	40	7	75
Woodbury	61	74	10	145
Woodstock	79	49	5	133
unknown	1650	1393	191	3234
Total	50447	49350	7109	106906