

Provision of Specialized Mental Health Services in the Veterans Health Administration Supplement

Supplemental Table. Comparing Number of Total Services Between VHA vs. Non-VHA Adult Only Facilities in a Mixed-Effects Linear Regression<sup>a,b</sup>

Variable	Estimate	SE	p
Is a VHA Facility	8.57	0.43	<0.001
>250 treatment initiations in the past year <sup>c</sup>	0.86	0.29	0.002
Offers 24-hour Hospital Inpatient Mental Health Treatment	3.98	0.33	<0.001
Offers Outpatient and Partial Hospitalization/Day Treatment	3.82	0.31	<0.001
Offers 24-hour Residential Mental Health Treatment	2.18	0.33	<0.001

<sup>a</sup>Source: National Mental Health Services Survey, 2018.

<sup>b</sup>The mixed effects linear regression model used the facility's state location as the random intercept. The marginal pseudo R<sup>2</sup> was 0.20.

<sup>c</sup>For inpatient facilities, this variable refers to the number of patient admissions in the past year. For outpatient facilities, this variable refers to the number of initiations of a course of treatment in the past year.

Supplemental Table. Comparing Number of Total Services Between VHA vs. Non-VHA All Ages Facilities in a Mixed-Effects Linear Regression<sup>a,b</sup>

Variable	Estimate	SE	p
Is a VHA Facility	6.86	0.40	<0.001
>250 treatment initiations in the past year <sup>c</sup>	2.39	0.19	<0.001
Offers 24-hour Hospital Inpatient Mental Health Treatment	1.59	0.33	<0.001
Offers Outpatient and Partial Hospitalization/Day Treatment	0.81	0.31	<0.001
Offers 24-hour Residential Mental Health Treatment	3.76	0.38	<0.001

<sup>a</sup>Source: National Mental Health Services Survey, 2018.

<sup>b</sup>The mixed effects linear regression model used the facility's state location as the random intercept. The marginal pseudo R<sup>2</sup> was 0.13.

<sup>c</sup>For inpatient facilities, this variable refers to the number of patient admissions in the past year. For outpatient facilities, this variable refers to the number of initiations of a course of treatment in the past year.

Supplemental Table. Comparing Number of Treatment Modalities Between VHA vs. Non-VHA Adult Only Facilities in a Mixed-Effects Linear Regression<sup>a,b</sup>

Variable	Estimate	SE	p
Is a VHA Facility	1.71	0.16	<0.001
>250 treatment initiations in the past year <sup>c</sup>	0.40	0.11	<0.001
Offers 24-hour Hospital Inpatient Mental Health Treatment	1.46	0.12	<0.001
Offers Outpatient and Partial Hospitalization/Day Treatment	1.24	0.11	<0.001
Offers 24-hour Residential Mental Health Treatment	0.16	0.12	0.19

<sup>a</sup>Source: National Mental Health Services Survey, 2018.

<sup>b</sup>The mixed effects linear regression model used the facility's state location as the random intercept. The marginal pseudo R<sup>2</sup> was 0.14.

<sup>c</sup>For inpatient facilities, this variable refers to the number of patient admissions in the past year. For outpatient facilities, this variable refers to the number of initiations of a course of treatment in the past year.

Supplemental Table. Comparing Number of Treatment Modalities Between VHA vs. Non-VHA All Ages Facilities in a Mixed-Effects Linear Regression<sup>a,b</sup>

Variable	Estimate	SE	p
Is a VHA Facility	0.57	0.12	<0.001
>250 treatment initiations in the past year <sup>c</sup>	0.75	0.06	<0.001
Offers 24-hour Hospital Inpatient Mental Health Treatment	0.45	0.10	<0.001
Offers Outpatient and Partial Hospitalization/Day Treatment	0.36	0.09	<0.001
Offers 24-hour Residential Mental Health Treatment	0.91	0.11	<0.001

<sup>a</sup>Source: National Mental Health Services Survey, 2018.

<sup>b</sup>The mixed effects linear regression model used the facility's state location as the random intercept. The marginal pseudo R<sup>2</sup> was 0.07.

<sup>c</sup>For inpatient facilities, this variable refers to the number of patient admissions in the past year. For outpatient facilities, this variable refers to the number of initiations of a course of treatment in the past year.

Supplemental Table. Comparing Number of Specialized Services Between VHA vs. Non-VHA Adult Only Facilities in a Mixed-Effects Linear Regression<sup>a,b</sup>

Variable	Estimate	SE	p
Is a VHA Facility	4.38	0.23	<0.001
>250 treatment initiations in the past year <sup>c</sup>	0.50	0.16	0.001
Offers 24-hour Hospital Inpatient Mental Health Treatment	1.61	0.18	<0.001
Offers Outpatient and Partial Hospitalization/Day Treatment	1.76	0.17	<0.001
Offers 24-hour Residential Mental Health Treatment	1.59	0.18	<0.001

<sup>a</sup>Source: National Mental Health Services Survey, 2018.

<sup>b</sup>The mixed effects linear regression model used the facility's state location as the random intercept. The marginal pseudo R<sup>2</sup> was 0.16.

<sup>c</sup>For inpatient facilities, this variable refers to the number of patient admissions in the past year. For outpatient facilities, this variable refers to the number of initiations of a course of treatment in the past year.

Supplemental Table. Comparing Number of Specialized Services Between VHA vs. Non-VHA All Ages Facilities in a Mixed-Effects Linear Regression<sup>a,b</sup>

Variable	Estimate	Std. Error	p
Is a VHA Facility	4.55	0.22	<0.001
>250 treatment initiations in the past year <sup>c</sup>	1.18	0.10	<0.001
Offers 24-hour Hospital Inpatient Mental Health Treatment	0.85	0.18	<0.001
Offers Outpatient and Partial Hospitalization/Day Treatment	0.74	0.17	<0.001
Offers 24-hour Residential Mental Health Treatment	1.72	0.21	<0.001

<sup>a</sup>Source: National Mental Health Services Survey, 2018.

<sup>b</sup>The mixed effects linear regression model used the facility's state location as the random intercept. The marginal pseudo R<sup>2</sup> was 0.14.

<sup>c</sup>For inpatient facilities, this variable refers to the number of patient admissions in the past year. For outpatient facilities, this variable refers to the number of initiations of a course of treatment in the past year.

Supplemental Table. Comparing Number of Group Treatments Between VHA vs. Non-VHA Adult Only Facilities in a Mixed-Effects Linear Regression<sup>a,b</sup>

Variable	Estimate	SE	p
Is a VHA Facility	2.46	0.18	<0.001
>250 treatment initiations in the past year <sup>c</sup>	-0.02	0.12	0.893
Offers 24-hour Hospital Inpatient Mental Health Treatment	0.91	0.14	<0.001
Offers Outpatient and Partial Hospitalization/Day Treatment	0.84	0.13	<0.001
Offers 24-hour Residential Mental Health Treatment	0.41	0.14	0.003

<sup>a</sup>Source: National Mental Health Services Survey, 2018.

<sup>b</sup>The mixed effects linear regression model used the facility's state location as the random intercept. The marginal pseudo R<sup>2</sup> was 0.09.

<sup>c</sup>For inpatient facilities, this variable refers to the number of patient admissions in the past year. For outpatient facilities, this variable refers to the number of initiations of a course of treatment in the past year.

Supplemental Table. Comparing Number of Group Treatments Between VHA vs. Non-VHA All Ages Facilities in a Mixed-Effects Linear Regression<sup>a,b</sup>

Variable	Estimate	SE	p
Is a VHA Facility	1.74	0.21	<0.001
>250 treatment initiations in the past year <sup>c</sup>	0.45	0.10	<0.001
Offers 24-hour Hospital Inpatient Mental Health Treatment	0.29	0.17	0.087
Offers Outpatient and Partial Hospitalization/Day Treatment	-0.30	0.16	0.058
Offers 24-hour Residential Mental Health Treatment	1.12	0.19	<0.001

<sup>a</sup>Source: National Mental Health Services Survey, 2018.

<sup>b</sup>The mixed effects linear regression model used the facility's state location as the random intercept. The marginal pseudo R<sup>2</sup> was 0.03.

<sup>c</sup>For inpatient facilities, this variable refers to the number of patient admissions in the past year. For outpatient facilities, this variable refers to the number of initiations of a course of treatment in the past year.