

Understanding Armed Forces Veterans' Involvement with Three Service Sectors in Vermont

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NO NEW DATA!

**Based on Analysis of
Anonymous Extracts from
Existing
Administrative Databases**

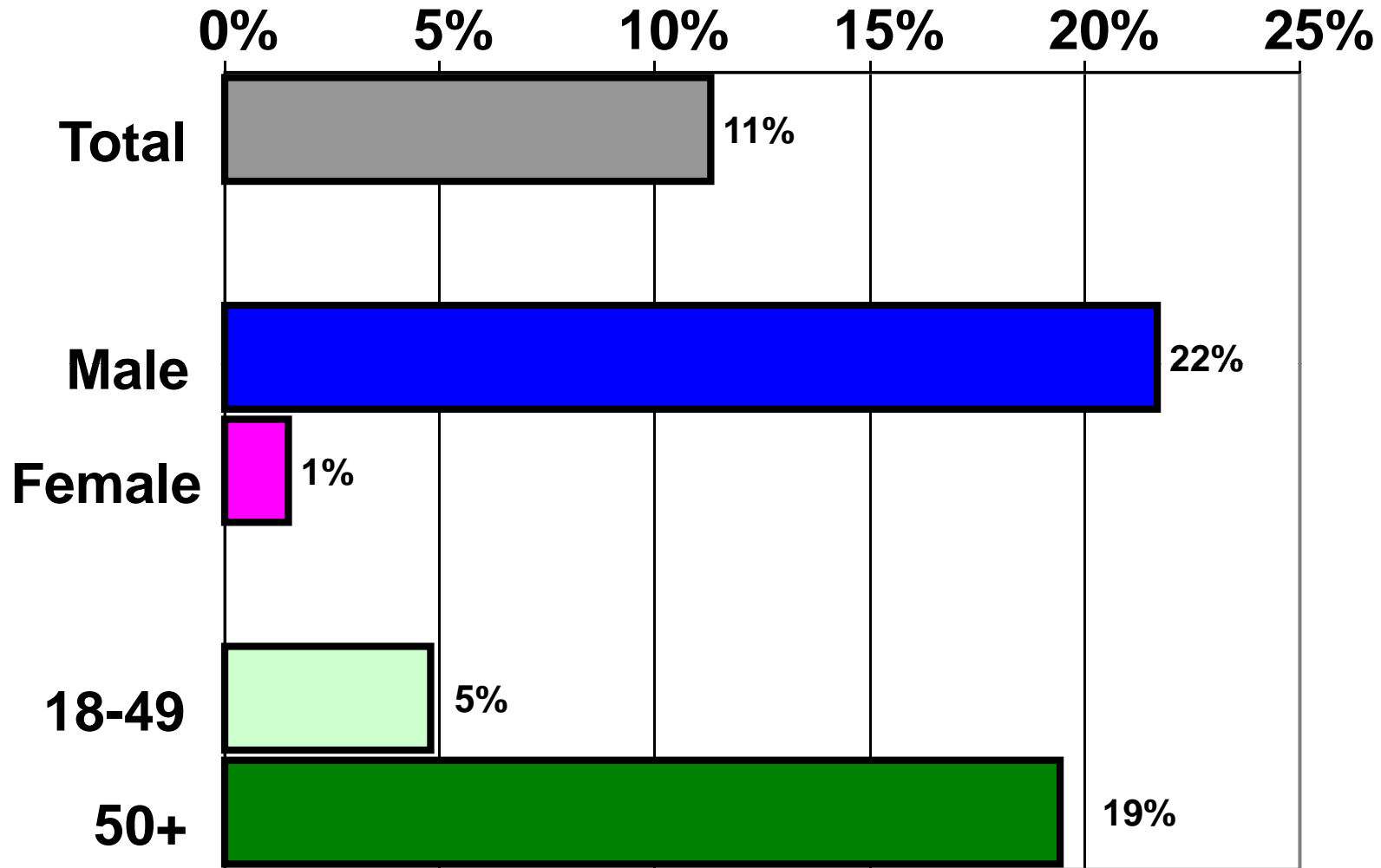
Veterans in Vermont

Total Veterans*
55,382

*Department of Veterans Affairs estimate
from: http://www1.va.gov/vetdata/docs/VP2007_state.htm

11% of Adult Residents

Vets in the General Population



Total	Male	Female	18-49	50+
55,382	51,656	3,726	13,022	42,360

Three Service Sectors

Mental Health Outpatient

State of Vermont: Full MHSIP Data Set

Veterans Affairs: DOB, Gender, Region, Dx, Theater

Criminal Justice

VT Justice Research: DOB, Gender, Region, Charge

Inpatient

Behavioral Health: DOB, Gender, Region, Dx

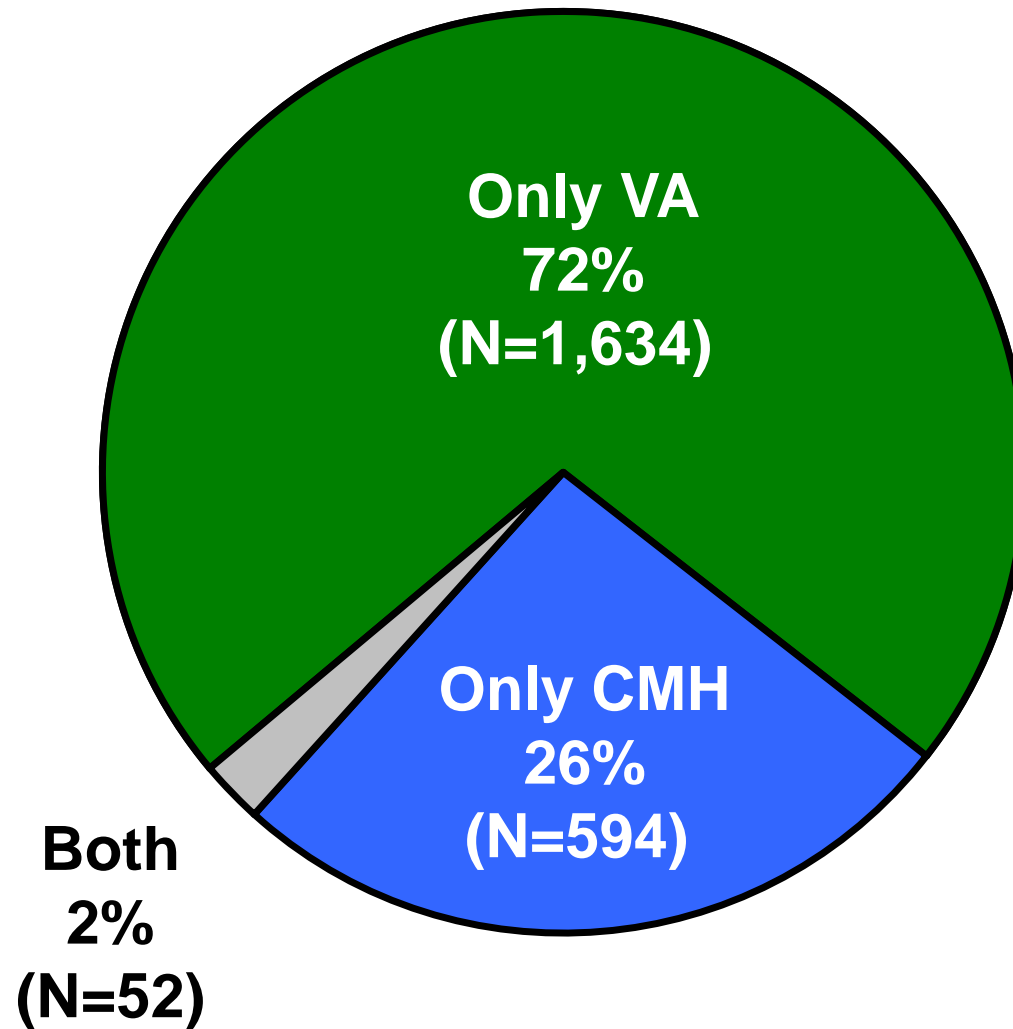
(State, Private, VA, & General Hospital Psychiatric)

General Health Care: DOB, Gender, Region, Dx

(Hospital Discharge Data Set)

**Veterans
with
Mental Health
Outpatient Services
During Fiscal Year 2008**

Vets in Two MH Systems of Care



Total # 2,280

How did they do that?

PROBABILISTIC

POPULATION

ESTIMATION

$$P_j(l_j) = \sum_{i=1}^{l_j} \frac{365}{365 - i}$$

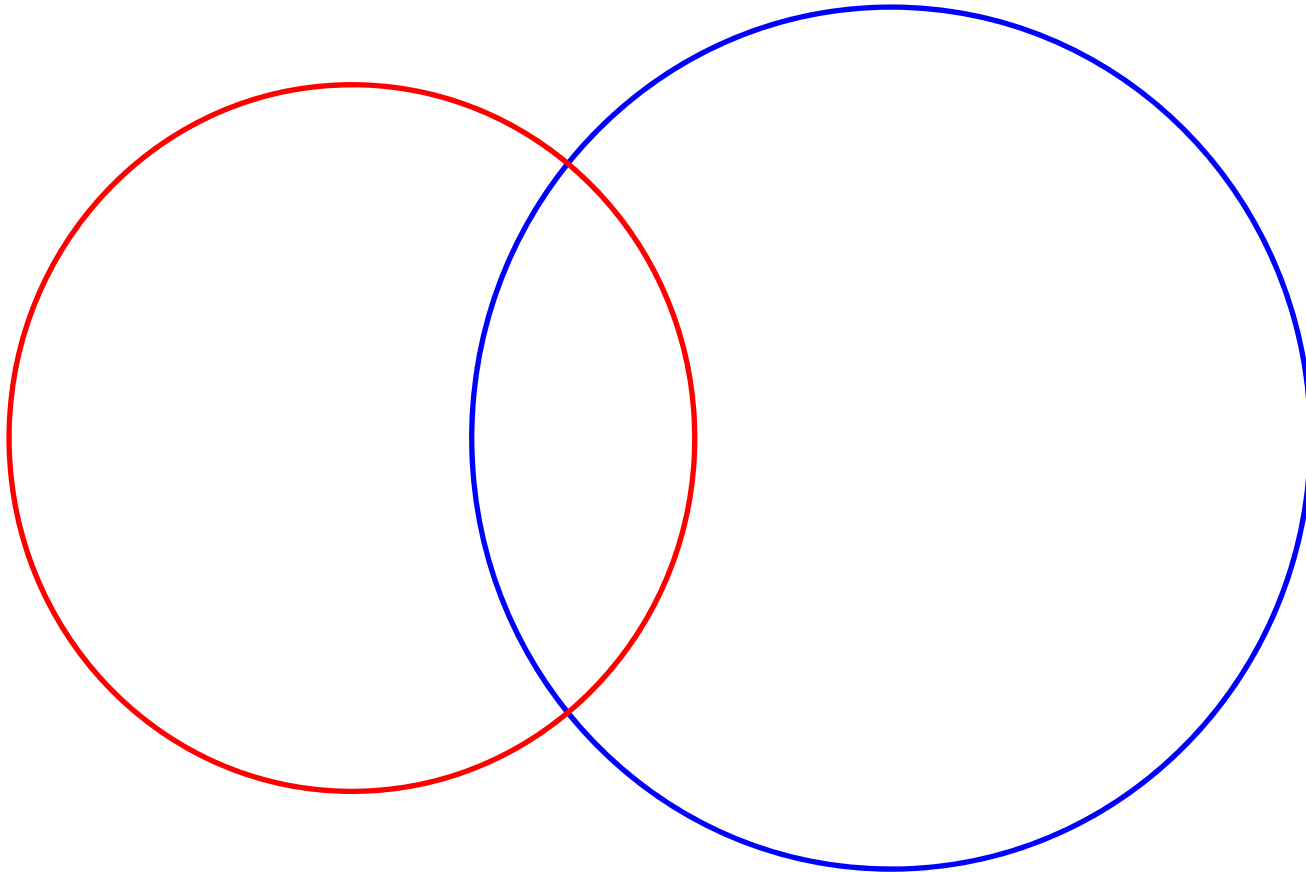
This equation counts the number of birth dates to estimate the number of unduplicated people.

Probabilistic Population Estimates

for Specified Numbers of Birth Dates Within a Given Year

<u>Birth Dates</u>	<u>Number of People</u>		
1	1.003	±	0.103
10	10.15	±	0.776
100	117	±	9
200	290	±	22
300	632	±	64
350	1,177	±	171
360	1,603	±	325

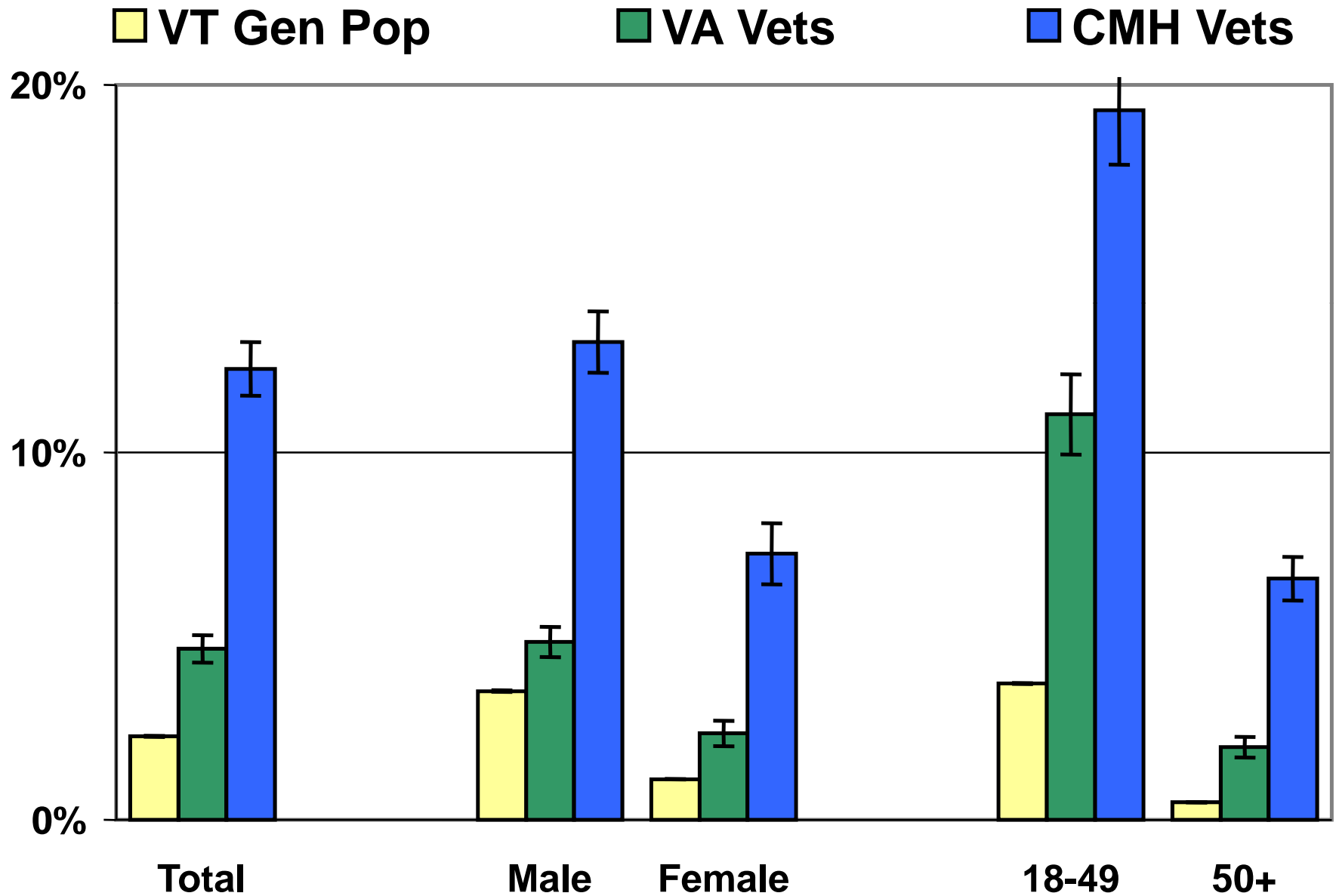
Caseload Overlap



$$(A \cup B) = A + B - (A \cap B)$$

**Veterans
with
Criminal Charges
During Fiscal Year 2008**

Percent Charged with a Crime



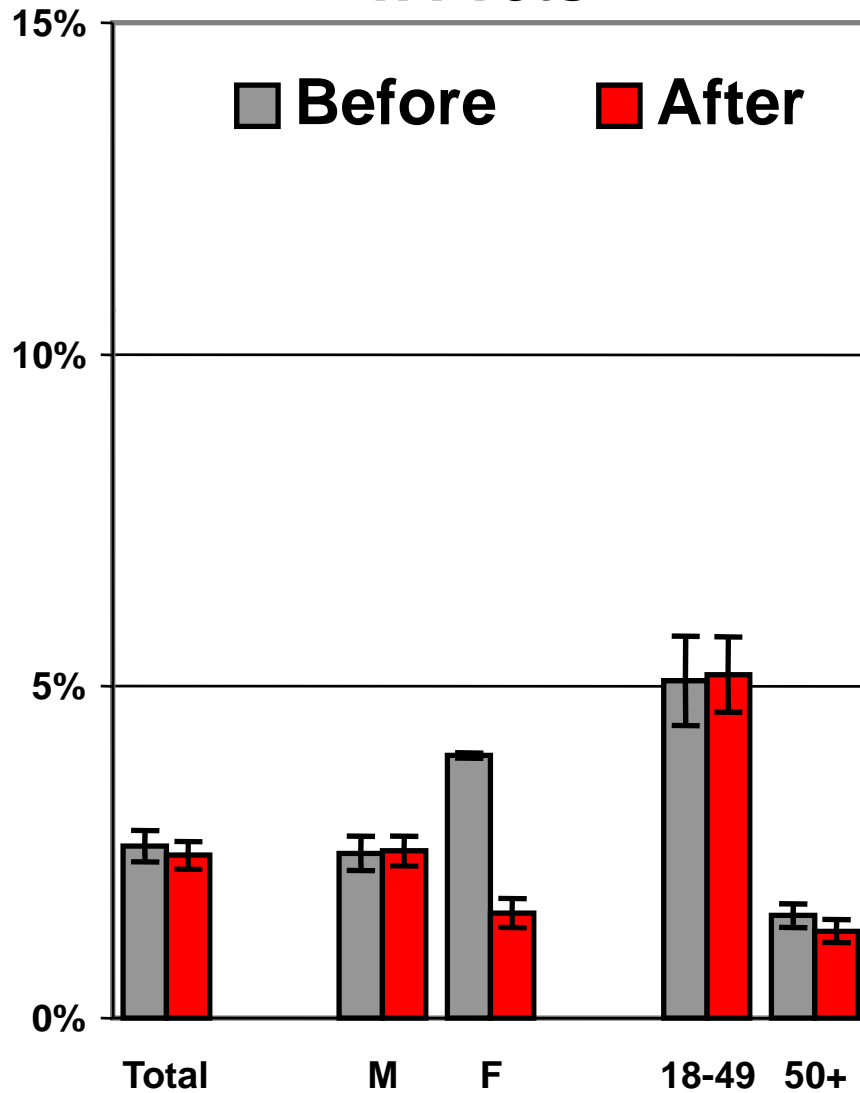
Treatment Outcome?

or

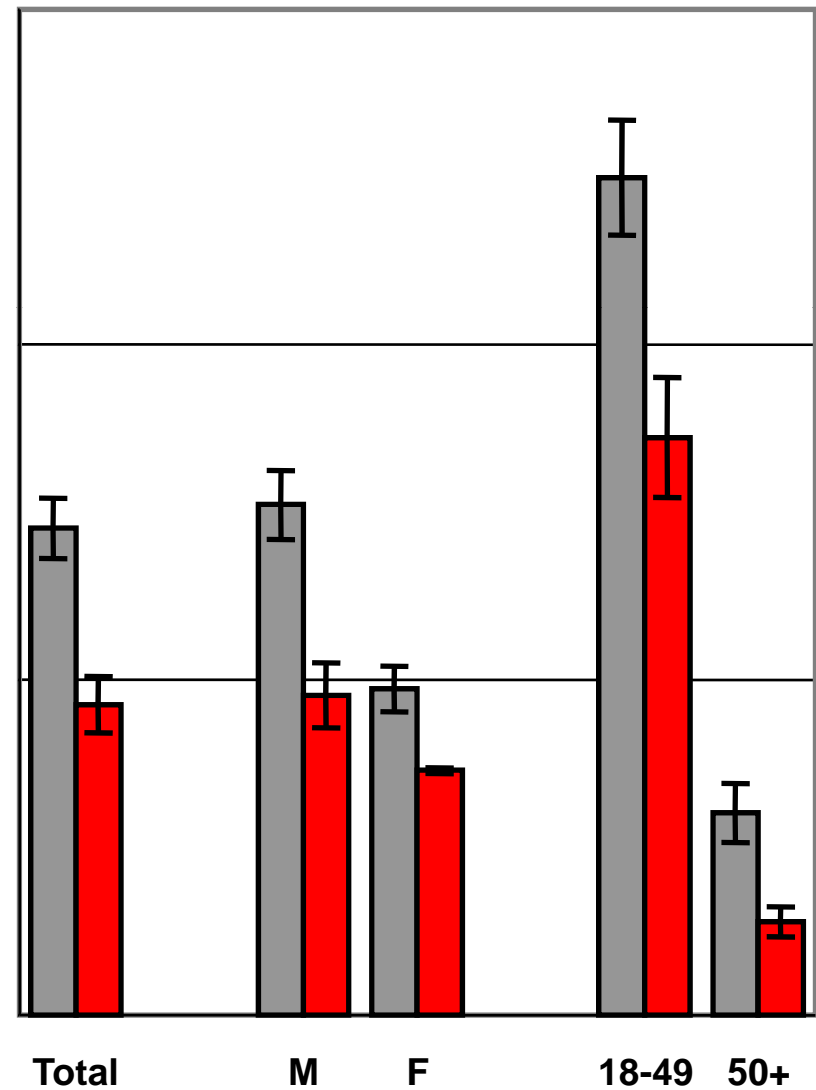
Access to Care?

Rates of Criminal Charges Before and After Service Year

VA Vets



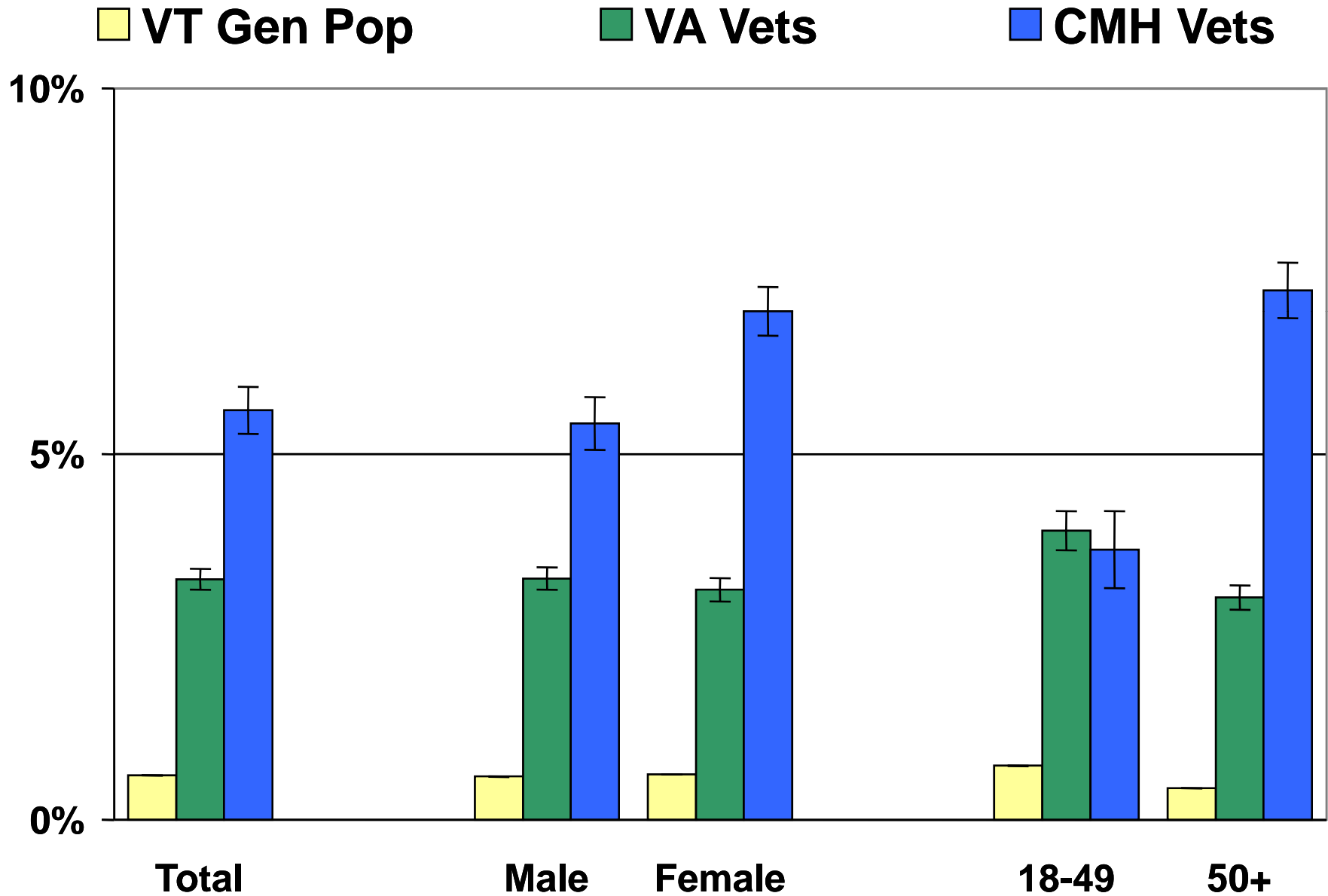
CMH Vets



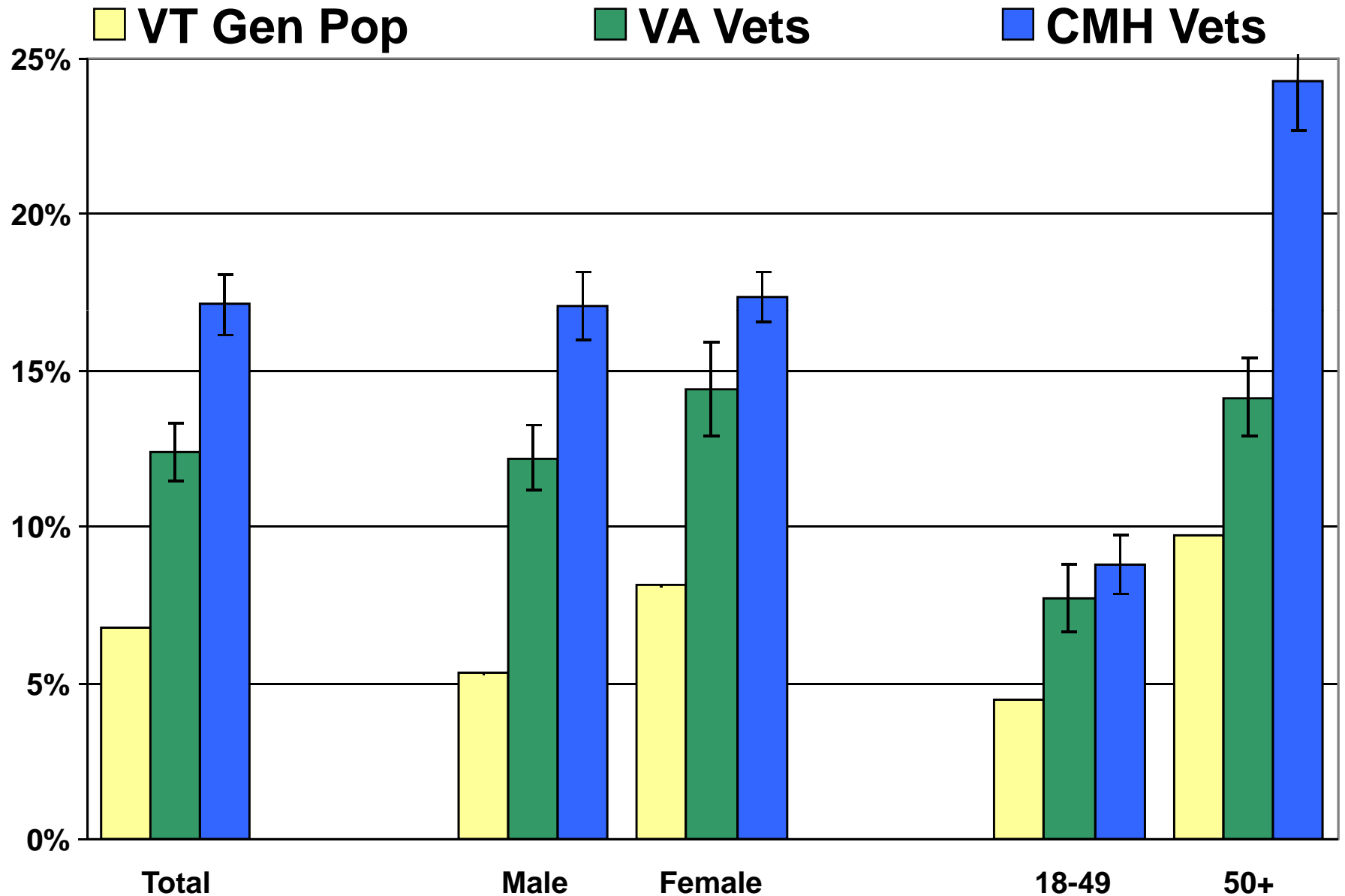
**Veterans
with
Inpatient Services
Calendar Year 2006**

**Behavioral Health Care
General Health Care**

Inpatient Behavioral Health



Inpatient General Health



Next Questions

Diagnosis

Homelessness

Substance Abuse

Other Veterans Programs

Private Sector MH Providers

Other Justice Involvement

Insurance Coverage

Other???

Thanks to

Designated CMHCs

VA White River Junction

VT Center for Justice Research

VDH Hospital Discharge

**USE
THE
DATA**



For More Information

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