

Pinellas County Mental Health & Substance Abuse Data Collaborative

MEMORANDUM

TO: Pinellas County Mental Health & Substance Abuse Data Collaborative Members

FROM: Diane Haynes, PSRDC, MHLP, FMHI, USF

DATE: July 23, 2002

RE: Analysis of Access of Services for Those Dealing with Substance Abuse

First a brief recap of what this study was about: This data collaborative allows the opportunity to examine a broader and more comprehensive picture of the impact to county organizations funded by government funding by those who are dealing with substance abuse. This study will identify individuals dealing with substance abuse and follow their interactions with various agencies within Pinellas County across a three-year period. The population being studied will be identified in two ways. The first will be if an individual has a substance abuse diagnosis and resides within Pinellas county and second will be if an individual has been arrested for public intoxication, DUI, DWI, or other codes dealing with alcohol and/or drugs the relate to the consumption and not the possession or selling of alcohol and/or drugs. The time period being looked at is from 07/01/1998 through 06/30/2001. Interactions are any data records that show activity between the individuals and the following data systems.

At a previous meeting basic demographic information was handed out. That same information is attached to the end of this memorandum as attachment A – Demographics, and attachment B – identification of population within each system.

This study is ongoing and not complete, however, I wanted to give you the information gathered thus far. First table answers the question of, ‘Which system do individuals first show up in, and is there a pattern?’.

Identification of First System Individuals Interacted With						
System	All Individuals		Adults		Youths	
	Nbr. Ind.	%	Nbr. Ind.	%	Nbr. Ind.	%
Baker Act	2	0.08	0	0.0	1	0.49
CJIS	1,764	68.50	1,760	75.44	0	0.0
DSS	72	2.80	62	2.66	0	0.0
IDS	281	10.91	192	8.23	83	40.69
Medicaid	401	15.57	311	13.33	82	40.20
EMS	17	0.66	8	0.34	0	0.0
Child Welfare	38	1.48	0	0.0	38	18.63

Flow through Systems for Youths							
Nbr. Ind	1st System	2nd System	3rd System	4th System	5th System	6th System	7th System
37	IDS	MED	-	-	-	-	-
31	MED	IDS	-	-	-	-	-
11	MED	-	-	-	-	-	-
11	CW	IDS	-	-	-	-	-
10	MED	IDS	CW	-	-	-	-
9	IDS	MED	CW	-	-	-	-
9	MED	CW	BA	-	-	-	-
NOTE: This makes of 58% of the youth population identified with Substance Abuse issues							

Flow through Systems for Adults							
Nbr. Ind	1st System	2nd System	3rd System	4th System	5th System	6th System	7th System
1,556	CJIS	-	-	-	-	-	-
119	CJIS	EMS	-	-	-	-	-
70	MED	IDS	-	-	-	-	-
49	MED	IDS	EMS	-	-	-	-
NOTE: This makes of 77% of the youth population identified with Substance Abuse issues							

Flow through Systems for All Individuals							
Nbr. Ind	1st System	2nd System	3rd System	4th System	5th System	6th System	7th System
1,560	CJIS	-	-	-	-	-	-
119	CJIS	EMS	-	-	-	-	-
101	MED	IDS	-	-	-	-	-
94	IDS	MED	-	-	-	-	-
55	MED	IDS	EMS	-	-	-	-
46	MED	-	-	-	-	-	-
NOTE: This makes of 77% of the youth population identified with Substance Abuse issues							

THIS is a draft and the study is ongoing.....

Attachment A - Demographics

Breakdown of Individuals Identified from Each System		
System	Number of Individuals	Percentage of Total
CJIS	1,797	63%
DSS	105	3.7%
EMS	241	8.4%
IDS	437	15.3%
MED	391	13.7%
Total	-----	-----

Breakdown of Number of Systems Individuals Identified		
Number of Systems	Number of Individuals	Percentage of Total
1	2763	96.5%
2	95	3.3%
3	6	> 1%
Total	2,864	100%

Total Population Selected Demographics

AGE Breakdown of Total Population		
Age Group Years of age (yoa)	Number in Group	Percentage of Total Pop.
6 through 10 yoa	13	>1%
11 through 15 yoa	135	5%
16 through 17 yoa	62	2%
18 through 25 yoa	316	11%
26 through 35 yoa	852	30%
36 through 45 yoa	988	35%
46 through 55 yoa	407	14%
56 through 64 yoa	91	3%
Total	2,864	100%

Gender Breakdown of Total Population		
Gender	Number in Group	Percentage of Total Pop.
Male	2,116	74%
Female	748	26%
Total	2,864	100%

Race

Race Breakdown of Total Population		
Race	Number in Group	Percentage of Total Pop.
White	2,267	79%
Black	294	10%
Hispanic	20	> 1%
American Indian	3	>1%
Asian	2	>1%
Other	54	2%
Missing	224	7%
Total	2,864	100%

Total Children Population Demographics

Breakdown of Children Identified from Each System		
System	Number of Individuals	Percentage of Total
CJIS	4	1%
DSS	0	0.0%
EMS	2	> 1%
IDS	146	69%
MED	67	30%
Total	-----	

Breakdown of Number of Systems Children Identified		
Number of Systems	Number of Individuals	Percentage of Total
1	201	96%
2	9	4%
3	0	0%
Total	210	100%

Total Children Population Demographics

AGE Breakdown of Children Population		
Age Group Years of age (yoa)	Number in Group	Percentage of Children Pop.
6 through 10 yoa	13	6%
11 through 15 yoa	135	65%
16 through 17 yoa	62	29%
Total	210	100%

Gender Breakdown of Children Population		
Gender	Number in Group	Percentage of Children Pop.
Male	142	68%
Female	68	32%
Total	210	100%

Race

Race Breakdown of Children Population		
Race	Number in Group	Percentage of Children Pop.
White	148	71%
Black	46	22%
Hispanic	1	>1%
American Indian	1	>1%
Asian	0	0%
Other	12	6%
Missing	2	> 1%
Total	208	100%

Total Adults Population Demographics

Breakdown of Adults Identified from Each System		
System	Number of Individuals	Percentage of Total
CJIS	1,793	72%
DSS	105	4%
EMS	39	1%
IDS	291	12%
MED	324	11%
Total	----	----

Breakdown of Number of Systems Adults Identified		
Number of Systems	Number of Individuals	Percentage of Total
1	2,562	97%
2	86	3%
3	6	>1%
Total	2654	100%

AGE Breakdown of Adult Population

Age Group Years of age (yoa)	Number in Group	Percentage of Adult Pop.
18 through 25 yoa	316	12%
26 through 35 yoa	852	32%
36 through 45 yoa	988	37%
46 through 55 yoa	407	15%
56 through 64 yoa	91	4%
Total	2,654	100%

Gender Breakdown of Adult Population

Gender	Number in Group	Percentage of Adult Pop.
Male	1,974	74%
Female	680	26%
Total	2,654	100%

Race Breakdown of Adult Population

Race	Number in Group	Percentage of Adult Pop.
White	2,119	80%
Black	248	9%
Hispanic	19	>1%
American Indian	2	>1%
Asian	2	>1%
Other	42	2%
Missing	222	8%
Total	2,654	100%

Attachment B. (Identification of Substance Abuse Population)

Analysis of Access of Services for Those Dealing with Substance Abuse Demographics of Population and How they were selected

Documentation: Used age group listed below :

<u>Group</u>	<u>Age Range</u>
1	6 yoa through 10 yoa
2	11 yoa through 15 yoa
3	16 yoa through 17 yoa
4	18 yoa through 25 yoa
5	26 yoa through 35 yoa
6	36 yoa through 45 yoa
7	46 yoa through 55 yoa
8	56 yoa through 64 yoa

NOTE: yoa – Year of Age

Race Categories used are listed below:

	Race	Description
1	White	
2	Black	
3	Hispanic	
4	American Indian	
5	Asian	
6	Other	
7	Unknown	

Selection: 1998 data was used to select this population

Medicaid Data – 391 Individuals Identified

Criteria: Had a claim during 1998 with one of the following diagnosis codes* in

diagnosis 1 and/or diagnosis 2 fields:

- 291.0 – Alcohol Withdrawal delirium
- 291.1 – Alcohol amnesic syndrome
- 291.2 – Other alcoholic dementia
- 291.3 – Alcohol withdrawal hallucinosis
- 291.4 – Idiosyncratic alcohol intoxication
- 291.5 – Alcoholic jealousy
- 291.8 – Other specified Alcoholic psychosis
- 291.9 – Unspecified Alcoholic psychosis
- 292.0 – Drug withdrawal syndrome
- 292.1 – Paranoid and/or hallucinatory states induced by drugs
- 292.8 – Other specified drug-induced mental disorders
- 292.9 – Unspecified drug-induced mental disorder
- 303.0 – Acute Alcoholic Intoxication
- 303.9 – Other and unspecified alcohol dependence
- 304.0 – Opioid type dependence
- 304.1 – Barbiturate and similarly acting sedative or hypnotic dependence
- 304.2 – Cocaine dependence
- 304.3 – Cannabis dependence
- 304.4 – Amphetamine and other psycho stimulant dependence
- 304.5 – Hallucinogen dependence
- 304.6 – Other specified drug dependence
- 304.7 – Combinations of opioid type drug with any other
- 304.8 – Combinations of drug dependence excluding opioid type drug
- 304.9 - Unspecified drug dependence
- 305.2 – Cannabis abuse
- 305.3 – Hallucinogen abuse
- 305.4 – Barbiturate and similarly acting sedative or hypnotic abuse
- 305.5 – Opioid abuse
- 305.6 – Cocaine abuse
- 305.7 – Amphetamine or related acting sympathomimetic abuse
- 305.8 – Antidepressant type abuse

* American Medical Association 'International Classification of Diseases 9th Revision Clinical Modification ICD-9-CM 1998

IDS Data – 436 Individuals identified

Criteria: Had a claim during 1998 with one of the following diagnosis codes

- 291 – Alcoholic psychosis
- 292 – Drug psychosis
- 303. – Alcohol Dependence Syndrome
- 304 – Drug Dependence
- 305 – Alcohol Abuse

* American Medical Association ‘International Classification of Diseases 9th Revision Clinical Modification ICD-9-CM 1998

AND/OR

A Cost Center of

- 13 - Methadone
- 24 – SA Detox

AND/OR

A Program of

- 2 – Adult Substance Abuse
- 4 - Children Substance Abuse

AND/OR

A Service code of

- 06 – Assess DUI/DWI
- 28 – Day Care / Additions

CJIS Data – 1,797 Individuals Identified

(must have had at least two arrest on the listed statutes)

Criteria: Had an arrest for the statute of the following:

- 3161932B – DUI - Felony
- 3161933C2 – DUI – Causing serious bodily injury
- 316193 - DWI
- 3161933C3 – DWI – Manslaughter
- 316933C1 – DUI Involving Property Damage
- 327353 – Operate Vessel/ Under influence Alcohol Bev.
- 856011 – Disorderly Intoxication - endangered
- 8770111 – Inhalation of harmful chemical substance

DSS Data – 105 Individuals Identified

Criteria: Had a claim during 1998 with one of the following diagnosis codes* in

Diagnosis field: (in file phpbh1 – invoice history – client)

- 291.0 – Alcohol Withdrawal delirium
- 291.1 – Alcohol amnesic syndrome
- 291.2 – Other alcoholic dementia
- 291.3 – Alcohol withdrawal hallucinosis
- 291.4 – Idiosyncratic alcohol intoxication
- 291.5 – Alcoholic jealousy
- 291.8 – Other specified Alcoholic psychosis
- 291.9 – Unspecified Alcoholic psychosis
- 292.0 – Drug withdrawal syndrome
- 292.1 – Paranoid and/or hallucinatory states induced by drugs
- 292.8 – Other specified drug-induced mental disorders
- 292.9 – Unspecified drug-induced mental disorder
- 303.0 – Acute Alcoholic Intoxication
- 303.9 – Other and unspecified alcohol dependence
- 304.0 – Opioid type dependence
- 304.1 – Barbiturate and similarly acting sedative or hypnotic dependence
- 304.2 – Cocaine dependence
- 304.3 – Cannabis dependence
- 304.4 – Amphetamine and other psycho stimulant dependence
- 304.5 – Hallucinogen dependence
- 304.6 – Other specified drug dependence
- 304.7 – Combinations of opioid type drug with any other
- 304.8 – Combinations of drug dependence excluding opioid type drug
- 304.9 - Unspecified drug dependence
- 305.2 – Cannabis abuse
- 305.3 – Hallucinogen abuse
- 305.4 – Barbiturate and similarly acting sedative or hypnotic abuse
- 305.5 – Opioid abuse
- 305.6 – Cocaine abuse
- 305.7 – Amphetamine or related acting sympathomimetic abuse
- 305.8 – Antidepressant type abuse

* American Medical Association 'International Classification of Diseases 9th Revision Clinical Modification ICD-9-CM 1998

AND/OR

Diagnosis Code 1 and/or Diagnosis Code 2:

(in file mtrans – other transactions for outreach clients)

18 – Alcohol Dependence

19 – Drug Dependence

AND/OR

Diagnosis Code 1 and/or Diagnosis Code 2:

(in file ntrans – medical transactions for outreach clients)

18 – Alcohol Dependence

19 - Drug Dependence

EMS Data – 39 Individuals Identified

Criteria: Had a claim during 1998 with one of the following diagnosis codes* in
Diagnosis field:

291.0 – Alcohol Withdrawal delirium

291.1 – Alcohol amnesic syndrome

291.2 – Other alcoholic dementia

291.3 – Alcohol withdrawal hallucinosis

291.4 – Idiosyncratic alcohol intoxication

291.5 – Alcoholic jealousy

291.8 – Other specified Alcoholic psychosis

291.9 – Unspecified Alcoholic psychosis

292.0 – Drug withdrawal syndrome

292.1 – Paranoid and/or hallucinatory states induced by drugs

292.8 – Other specified drug-induced mental disorders

292.9 – Unspecified drug-induced mental disorder

303.0 – Acute Alcoholic Intoxication

303.9 – Other and unspecified alcohol dependence

304.0 – Opioid type dependence

304.1 – Barbiturate and similarly acting sedative or hypnotic dependence

304.2 – Cocaine dependence

304.3 – Cannabis dependence

304.4 – Amphetamine and other psycho stimulant dependence

304.5 – Hallucinogen dependence

304.6 – Other specified drug dependence

304.7 – Combinations of opioid type drug with any other

304.8 – Combinations of drug dependence excluding opioid type drug

304.9 - Unspecified drug dependence

305.2 – Cannabis abuse

305.3 – Hallucinogen abuse

305.4 – Barbiturate and similarly acting sedative or hypnotic abuse

305.5 – Opioid abuse

305.6 – Cocaine abuse

305.7 – Amphetamine or related acting sympathomimetic abuse

305.8 – Antidepressant type abuse

* American Medical Association 'International Classification of Diseases 9th Revision Clinical Modification ICD-9-CM 1998