

ADDENDUM:

Better Understanding of the Pinellas County Jail Population

8/6/2007

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Percentage of CJIS Population found in 5 other systems

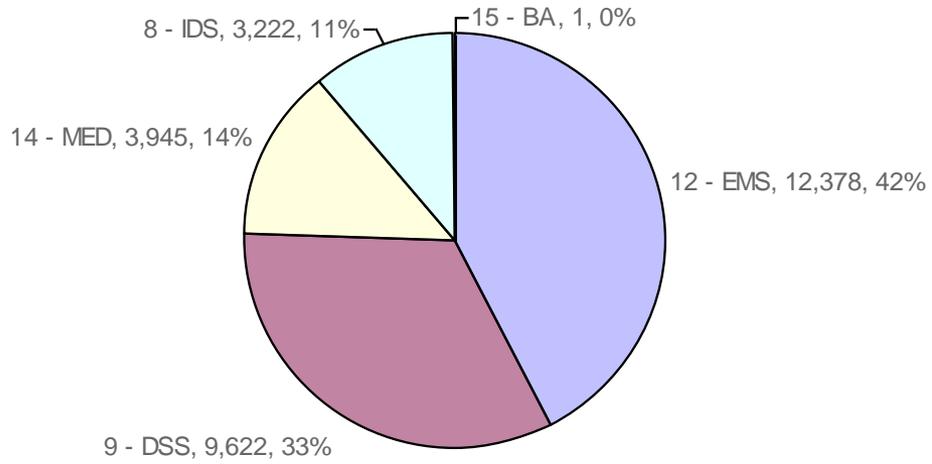
	Population Overlap
Emergency Medical Services, Pinellas County (EMS)	12%
Statewide Baker Act (BA)	2%
Statewide Mental Health and Substance Abuse (IDS)	5%
Statewide Medicaid Claims (MED)	5%
Dept. of Health & Human Svcs, Pinellas County (DHH)	10%

Note: Since the last report the Dept. of Health & Human Services data was updated through 2006 and it increased the number of individuals who interacted with DHH from 9% to 10%.

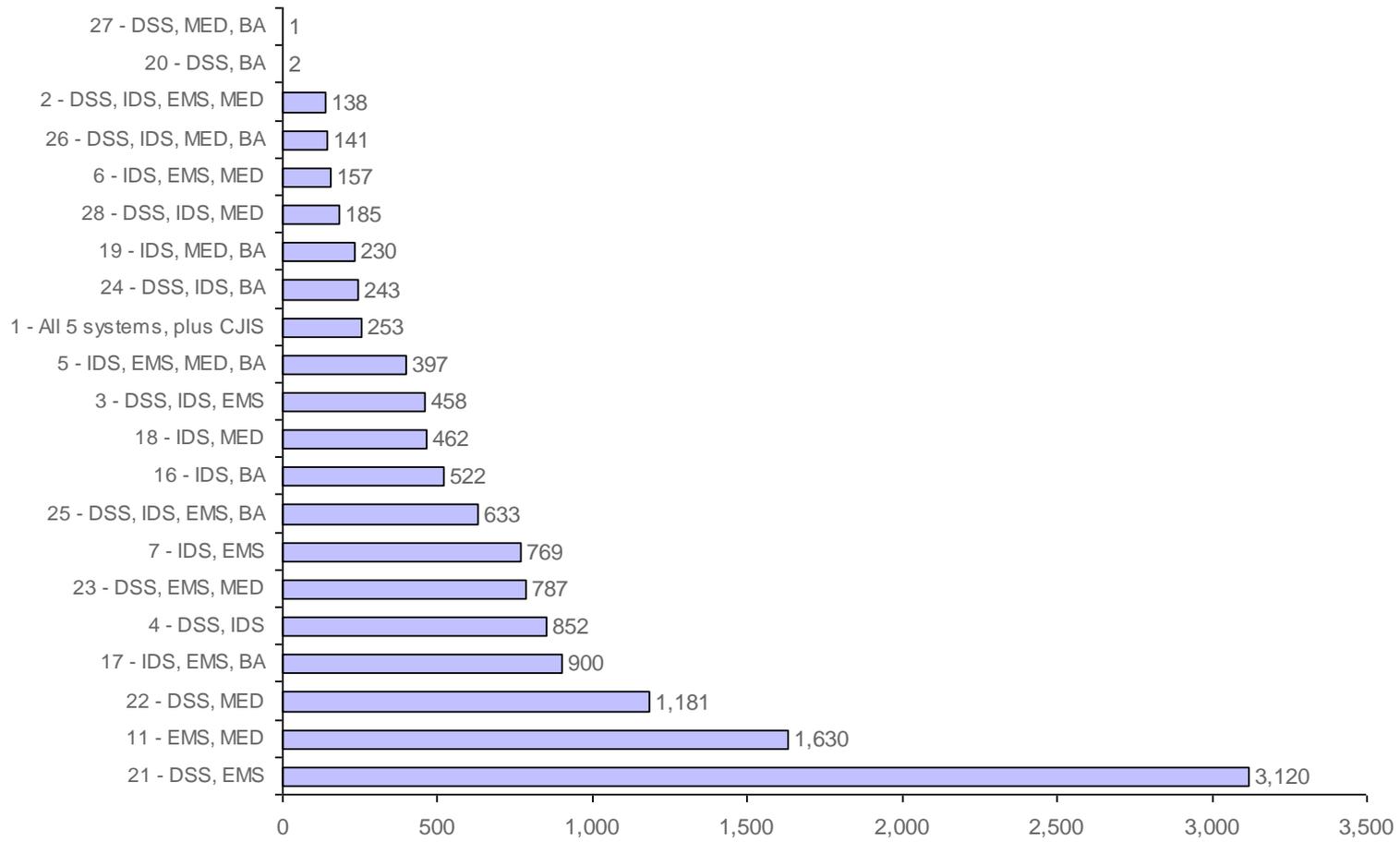
Number of Systems along with CJIS that Population Interact with

Number of systems Individuals Interacting With	NBR	%
One other system along with CJIS	29,168	70%
Two other systems along with CJIS	8,538	20%
Three other systems along with CJIS	2,503	6%
Four other systems along with CJIS	1,309	3%
Five other systems along with CJIS	711	1%

**Interact with only One other system along with CJIS
70% of sub-population**



Multiple System Interactions – 30%



EMS Services

- For one individual there could be from 1 to 120 interactions with EMS from 2003 to 2006, the average being 2 interactions with EMS.
- There were a total of 21,649 individuals with EMS service events (51,600) during this period.
- Of those individuals, 4,210 (12%) had interactions (6207) with EMS 60 days prior to being arrested or 60 days after being released from jail.
- 1,550 of the interactions happened on the date of arrest or release.

EMS Diagnosis

	Number	Percentage
MENTAL HEALTH	12,889	24.50%
MENTAL HEALTH	6,172	48.00%
SUBSTANCE ABUST	6,717	52.00%
PHYSICAL HEALTH	39,578	75.00%
ABUSE	8	<1%
AMPUTATION	37	<1%
ANIMAL	28	<1%
ASSAULT	76	<1%
BURN	44	<1%
CANCER	213	<1%
DISEASE	142	<1%
GUNSHOT	16	<1%
HEART	541	1.00%
HEAT	63	<1%
INJURY/ACCIDENT	8,595	22.00%
MALNUTRITION	10	<1%
PAIN	10,948	28.00%
PHYSICAL HEALTH	13,459	34.00%
POISON	22	<1%
PREGNANCY	390	<1%
SEISURE	3,100	8.00%
SWELLING	137	<1%
TRANSIENT	727	2.00%
UNCONSCIOUS/UNRESPONSIVE	1,022	3.00%
UNKNOWN	225	<1%

Transport To Sites

TOP EMS TRANSPORT TO Sites (96% of Transports)

BAYFRONT MEDICAL CTR HOSP
MORTON PLANT HOSPITAL
ST ANTHONYS HOSP
NORTHSIDE HOSP & HEART INST
LARGO MEDICAL CTR HOSP
ST PETERSBURG GEN HOSP
PEMHS-NORTH
MEASE COUNTRYSIDE HOSP
MEASE DUNEDIN HOSP
EDWARD WHITE HOSPITAL
SUNCOAST HOSPITAL
VA MEDICAL CENTER BAY PINES
HELEN ELLIS HOSPITAL
PALMS OF PASADENA HOSP
WINDMOOR HEALTHCARE
NONE
PALMS OF PASADENA HOSPITAL
<Landing Zone>
TAMPA GENERAL HOSPITAL
PEMHS-SOUTH
ST JOSEPHS HOSPITAL
ALL CHILDRENS HOSPITAL

From address was found to be all over the county and not any specific addresses that were apparent. The place most often transported from was St. Anthony's Hospital and that was only 2% of the transports.

Medicaid System

- For one individual there could be from 1 to 995 unique dates of service paid for by Medicaid during the periods of 7/1/2002 through 3/2/2007
- The median being 64 service dates. Only 132 individuals received services/pharmacy paid for by Medicaid.
- 59 individuals/15,45 claims within 60 days prior to arrest or after being released from Jail.
- Of those services, 2% happened on the date of arrest and/or release

Medicaid System

Service Description	Ind #	Ind %	Claims #	Claims %
Assessment	24	18%	46	0.13%
Basic Outpatient	35	27%	466	1.34%
Behavioral Health- Emergency	26	20%	190	0.55%
Behavior Health- Inpatient Stay-Deep	47	36%	150	0.43%
Behavior Health- Inpatient-Other	16	12%	26	0.07%
Behavioral Health- Outpatient-Other	33	25%	107	0.31%
Behavioral Health Other Services	1	1%	1	0.00%
Emergency Room	18	14%	128	0.37%
I,ph,rpt	11	8%	138	0.40%
Intensive Outpatient	7	5%	534	1.54%
Medical	124	94%	26892	77.55%
Non-Behavioral Health				
Inpatient Stay	27	20%	81	0.23%
Nursing Home	21	16%	62	0.18%
Other Bed Stay	30	23%	104	0.30%
Other Community MH	8	6%	704	2.03%
Other Services For Behavioral Health	23	17%	181	0.52%
Other/Psychiatrist	20	15%	367	1.06%
Total case management	36	27%	4349	12.54%
Treatment Plan	34	26%	150	0.43%

**Type of Services Paid for by Medicaid
63% were Service Claims**

Medicaid System

Pharmacy Description	Ind #	Ind %	Claims #	Claims %
Alzheimer Rx	2	2%	27	0.13%
Anti-Anxiety	45	34%	1182	5.72%
Anti-Hyperkineses	3	2%	23	0.11%
Anti-Substance Abuse	1	1%	2	0.01%
Atypical Anti-Psychotic	48	36%	1924	9.31%
Extra-Pyramidal Side Effects	46	35%	960	4.65%
Lipotropics	18	14%	609	2.95%
Mood Stabilizer	52	39%	1825	8.84%
Newer Anti-Depressant	35	27%	703	3.40%
Other Psychoactive	8	6%	106	0.51%
Physical Health	93	70%	11636	56.34%
Ssri Anti-Depressant	37	28%	899	4.35%
Typical Anti-Depressant	11	8%	177	0.86%
Typical Anti-Psychotic	27	20%	582	2.82%

37% were pharmacy claims

IDS System

- For one individual there could be from 1 to 2,332 unique dates of mental health and/or substance abuse services during the period from 7/1998 through 6/30/2006.
- 9,496 individuals received services
- 2,254 (24%) had services within 60 days prior to being arrested
- 3,027 (32%) has services within 60 days after being release from jail
- 2% received services on the date of arrest or release

IDS System

Program Type	# Ind.	% ind.	# svc	% svc
Adult Mental Health	6,781	71.41%	528,109	56.82%
Adult Substance Abuse	5,840	61.50%	337,764	36.34%
Child Mental Health	577	6.08%	50,436	5.43%
Child Substance Abuse	685	7.21%	13,194	1.42%

IDS System

Adult Mental Health: TOP services

- Medical Services (50%)
- Crisis Support/Emergency (46%)
- Crisis Stabilization (34%)
- Case Management (18%)

Adult Substance Abuse: TOP services

- Intervention (29%)
- Substance Abuse Detox (26%)
- Outpatient (14%)
- Case Management (11%)

Child Mental Health: TOP services

- Medical Services (2.45%)
- Outpatient (2.34%)
- Crisis Stabilization (1.85%)
- Crisis Support/Emergency (1.89%)

Child Substance Abuse: TOP services

- TASC (Txt. Alt. for Safe Cities (4.38%))
- Intervention (1.12%)
- Substance Abuse Detox (1.89%)
- Outpatient (1.82%)

DHH System

- 17,616 individuals interacted with DHH (note: an update (2003-2006) in the data identified 1,446 additional individuals. Data runs from 1998 - 2006)
- 3,564 (20%) received services 60 days prior to arrest
- 4,545 (26%) received services 60 days after release from jail
- 74% client; >1% dependent; 32% Outreach clients
- Note: 67% of those Outreach clients were also identified as clients.

DHH System

There are 13 different files containing various types of services in the DHH system, containing the following information (8 years of data):

- General Assistance,
- Case Management,
- Referral,
- Medical Billing History,
- Medical Transactions – Outreach,
- Other Transactions – Outreach,
- Petty Cash Transactions,
- Hospital Services – Outreach, and
- Pharmacy

DHH System

Medical Billing History: Ambulance, dental, specialists, hospital (in and out patient), lab, X-ray, patient care items, Physicians (in and out patient), Drugs, Professional services, ER, Dialysis : 2,959,846.58

- Clearwater \$659,258.32
- Medical Van \$217,024.00
- Mobile Medical Unit \$448,806.28
- St. Petersburg \$1,634,757.98

DHH System

Case Management Transactions: Rent, Purchase Voucher, Grocery order, Electric bill, Water bill, Bus Pass, Petty cash Assistance, and Gas Bill: \$284,732.27

• Rent	\$166,525.94
•Purchase Voucher	\$40,430.75
•Grocery Order	\$34,406.57
•Electric Bill	\$33,625.20
•Water Bill	\$6,626.79
•Bus Pass	\$2,160.00
• Petty Cash Assistance	\$210.00
•Gas Bill	\$747.02

DHH System

General Assistance Transactions: ALF/Boarding, Burial, Case Management, Cash Assistance, Cobra-Emerg., Electric Bill, Garbage, Gas Bill, Grocery, Heating Oil, Mortgages, Rent, Sewer, Transportation, Water Bill.

Few Examples:

Burial: St Pete	\$67,502.55 (204)
ALF/Boarding: St Pete	\$8,106.20 (8)
Electric Bill: Clearwater	\$433,896.99 (1,297)
Rent: Clearwater	\$1,440,243.40 (1,994)
Water Bill: St Pete	\$221,034.77 (831)

DHH System

Hospital Service for Indigent (HSI)

TYPE	NBR SVC	NBR IND.	AMT
Dental	12	12	\$ 14,772.40
Hospital	195	175	\$ 623,024.94

DHH System

Medical Bill History Invoice Referral Level (MED1):

SERVICE DESCRIPTION	NBR SVC	NBR IND.
	23,660	7,498
CLINIC CARD - NEW ISSUE	1,939	1,899
CLINIC CARD - UPDATE	8,016	2,449
DENTAL CARD-UPDATE DO NOT USE	2	2
DENTAL RX CARD - 1X ONLY	20	20
DENTAL RX CARD - NEW ISSUE	194	192
DENTAL RX CARD - UPDATE	13	11
DNTL CARD-NEW ISSUE DO NOT USE	28	28
GENERAL/MISC TRIAGE ISSUES	420	327
MENTAL HEALTH	106	97
PHARMACY OVERRIDES/INQUIRIES	97	85
REF/CDCP EXCL DRUG ASSISTANCE	25	24
REFERRAL ORDER - CLINIC	97	70
REFERRAL ORDER-CL OUTSIDE REQ	19	18
REFERRAL ORDER-S/W OUTSIDE REQ	290	242
REFERRAL ORDER-SOCIAL WORKER	1,194	1,002
REFS/CLIENT/PROVIDER RELATIONS	27	22
RX CARD - 1X ONLY	75	72
RX CARD - NEW ISSUE	170	163
RX CARD - UPDATE	283	252
TRANSPORTATION	221	147
WELLCARE RELATED ISSUES	300	250

DHH System

Petty Cash Under \$20.00

SERVICE TYPE	NBR SVC	NBR IND.	AMT PAID
UNKNOWN	8	8	\$80.00
ALJ HEARING	10	10	\$123.25
ALJ HEARING (SSI)	9	8	\$115.75
BIRTH CERTIFICATE COPY	1	1	\$10.00
BUS FARE/TRANSPORTATION	43	42	\$288.85
BUS TICKET/GREYHOUND - TAMPA	1	1	\$14.00
DIRECTION FOR MENTAL HEALTH CO-PYMT.	1	1	\$10.00
FLORIDA ID	1	1	\$15.25
GAS/TRANSPORTATION	195	178	\$1,930.00
HAIRCUT- CASE MANAGEMENT	1	1	\$15.00
LAUNDRY	716	368	\$7,018.84
LOCAL TRAVEL	8	2	\$239.83
LOCAL TRAVEL AND PER DIEM	1	1	\$31.90
PERSONAL ITEMS	1	1	\$5.00
PRESCRIPTION-CO-PAY	1	1	\$5.00

BA System

- 3,330 individuals overtime received at least one Baker Act Initiation (13,749)
- 5,445 Baker Act Initiations occurred within 60 days of arrest (2,722/50%) and/or release (2,505/46%) from jail and 218 (4%) occurred on arrest and/or the release date.

Certtype_CD	1999	2000	2001	2002	2003	2004	2005	2006
1-Judge (ex-parte)	4.04%	6.54%	4.82%	4.08%	4.70%	3.14%	2.18%	2.76%
2-Mental Health Professional	50.08%	50%	52.44%	57.58%	58.40%	56.96%	60.18%	56.20%
3-Law Enforcement	45.88%	43.46%	42.72%	38.34%	36.90%	39.90%	37.64%	41.04%

BA System

Harmtype_CD	1999	2000	2001	2002	2003	2004	2005	2006
-	0	0%	0	0	0	0	2.96%	24.24%
1-Self	44.16%	46.66%	51.08%	55.22%	56.34%	59.04%	57.82%	54.44%
2-Others	5.76%	6.18%	6.74%	6.02%	6.80%	4.38%	5.90%	5.90%
3-Both	10.26%	14.88%	12.04%	11.86%	10.18%	10.20%	10.84%	15.42%
9-Neither	39.82%	32.26%	30.14%	26.90%	26.66%	26.38%	22.48%	0%

% Baker Act Examinations done in Pinellas County

Pinellas	73.88	76.28	68.44	72.62	71.76	73.14	73.02	71.84
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Baker Act Facilities in Pinellas County

FacName_LT	2003	2004	2005	2006
Charter Beh. Health System of Tampa at Largo	0%	0%	0%	0%
Morton F. Plant Hospital	18.22%	17.82%	17.42%	14.54%
Personal Enrichment Through Mental Health Services, Children's CSU	0%	0%	0.20%	0.12%
Personal Enrichment Through Mental Health Services, Inc.	32.14%	33.68%	34.10%	42.76%
St. Anthony's Hospital, Inc.	11.98%	10.94%	11.54%	10.36%
Sun Coast Hospital	6.10%	7.58%	7.38%	1%
Veteran's Administration Hospital - Bay Pines	1.44%	1.38%	1.16%	1.54%
Windmoor Hospital of Clearwater	1.90%	1.72%	1.20%	1.54%