

Newark EMA

2004 Needs Assessment

Title I Service Utilization

Current and recent utilization of Title I services for unduplicated clients indicates the extent to which PLWHA are receiving Title I funded medical care and support services needed to remain in medical care. Within the Newark EMA, service utilization is captured daily on the Comprehensive HIV/AIDS Management Program (CHAMP) system. Provider agencies, and particularly case managers, enter data for each client served when a unit of service is delivered. At the end of the funding year, the data for all clients are aggregated, and EMA-wide reports issued for an unduplicated count of all clients.

This section examines Title I service utilization for Year to Date (YTD) FY 2003 as of February 24, 2004. (Since the Title I Fiscal Year 2003 ends on February 29, 2004, the final FY 2003 data are not expected to not vary significantly from the YTD data in this report. Results are sufficient for HIV planning and priority setting activities.)

Total Title I Services

During FY 2003, the Newark EMA's Title I program funded the following 17 categories of direct services.

| | | | |
|---|--|----|------------------------------------|
| 1 | Primary Medical Care | 10 | Transportation |
| 2 | Substance Abuse Treatment & Counseling | 11 | Health Education/Risk Reduction |
| 3 | Medications | 12 | Dental Care |
| 4 | Housing and Related Services | 13 | Legal Assistance & Client Advocacy |
| 5 | Case Management | 14 | Day and Respite Care |
| 6 | Mental Health Therapy & Counseling | 15 | Permanency Planning |
| 7 | Direct Emergency Assistance | 16 | Complementary Therapies |
| 8 | Nutritional Services | 17 | Buddy/Companion Services |
| 9 | Outreach | | |

A total of 9,048 individuals residing in the Newark EMA received at least one unit of service in one or more of the above Title I service categories in FY 2003 YTD (as of 2/24/04).

For the first time since Title I funding began, more clients in the Newark EMA used Title I primary medical care than any other service. The top 5 Title I services used in FY 2002 and FY

2003 are primary medical care, case management, nutritional services (food), transportation, and substance abuse treatment. Table U-2.

**Table U-2: Top 5 Title I Services Used in Newark EMA
By Percent of Title I Clients Using the Service**

| YTD FY 2003 | | | FY 2002 | | |
|-------------|---------------------------|-------|---------|---------------------------|-------|
| #1 | Primary Medical Care | 65.0% | #1 | Case Management | 55.3% |
| #2 | Case Management | 57.8% | #2 | Primary Medical Care | 54.2% |
| #3 | Nutritional Services | 31.3% | #3 | Nutritional Services | 33.6% |
| #4 | Transportation | 22.8% | #4 | Transportation | 27.4% |
| #5 | Substance Abuse Treatment | 20.9% | #5 | Substance Abuse Treatment | 18.1% |

Source: Newark DHHS, CHAMP 2/24/03. Newark EMA FY 2004 Title I Grant Application.

Service Utilization by Gender

Of the total PLWH receiving Title I services, 3,861 (42.7%) were female and 5,187 (57.3%) were male. (Table U-3.) Male and female PLWHA receive Title I services at the same rates. The only exceptions are the service categories of Direct Emergency Assistance, Mental Health Services and Permanency Planning. Females received these services at slightly higher percentages than males. (Figure U-1.)

Female/male PLWHA receive Title I services in relative proportion to their representation in the epidemic. As of 12/31/03, 40% of NEMA PLWHA were female and 42.7% of Title I clients were female. A significant portion (at least 40%) of female PLWHA receive Title I services in every county in the EMA. This is true even in the four counties where female PLWHA are much less than EMA-wide proportions (31% to 36% of PLWHA are female in Union, Morris, Sussex and Warren counties and 42% of PLWHA in Essex County are female). (Figure U-2.)

Table U-3: Number of Clients in Newark EMA Receiving Any Title I Service - Year to Date FY 2003 (As of 2/24/04)

| Age | Essex | Union | Morris | Sussex | Warren | NEMA | % Distn |
|---------------|--------------|--------------|------------|-----------|-----------|--------------|---------------|
| Female | | | | | | | |
| <1 | 15 | 3 | 0 | 0 | 0 | 18 | 0.5% |
| 1 - 12 | 130 | 27 | 4 | 0 | 0 | 161 | 4.2% |
| 13 - 24 | 142 | 18 | 2 | 1 | 3 | 166 | 4.3% |
| 25 - 44 | 1,663 | 316 | 82 | 19 | 11 | 2,091 | 54.2% |
| 45+ | 1,160 | 199 | 46 | 7 | 6 | 1,418 | 36.7% |
| Missing | 5 | 1 | 1 | 0 | 0 | 7 | 0.2% |
| Total | 3,115 | 564 | 135 | 27 | 20 | 3,861 | 100.0% |
| Male | | | | | | | |
| <1 | 20 | 0 | 0 | | | 20 | 0.4% |
| 1 - 12 | 83 | 23 | 4 | | | 110 | 2.1% |
| 13 - 24 | 214 | 31 | 5 | 4 | 1 | 255 | 4.9% |
| 25 - 44 | 1,845 | 345 | 98 | 16 | 13 | 2,317 | 44.7% |
| 45+ | 1,936 | 414 | 95 | 10 | 14 | 2,469 | 47.6% |
| Missing | 12 | 2 | 2 | 0 | 0 | 16 | 0.3% |
| Total | 4,110 | 815 | 204 | 30 | 28 | 5,187 | 100.0% |
| Total | | | | | | 0 | |
| <1 | 35 | 3 | 0 | 0 | 0 | 38 | 0.4% |
| 1 - 12 | 213 | 50 | 8 | 0 | 0 | 271 | 3.0% |
| 13 - 24 | 356 | 49 | 7 | 5 | 4 | 421 | 4.7% |
| 25 - 44 | 3,508 | 661 | 180 | 35 | 24 | 4,408 | 48.7% |
| 45+ | 3,096 | 613 | 141 | 17 | 20 | 3,887 | 43.0% |
| Missing | 17 | 3 | 3 | 0 | 0 | 23 | 0.3% |
| Total | 7,225 | 1,379 | 339 | 57 | 48 | 9,048 | 100.0% |

Source: Newark DHHS, CHAMP file as of 2/24/04,

Figure U-1: Percent of Clients Using Title I Services by Gender in Newark EMA -
 YTD FY 2003 (2/24/04)

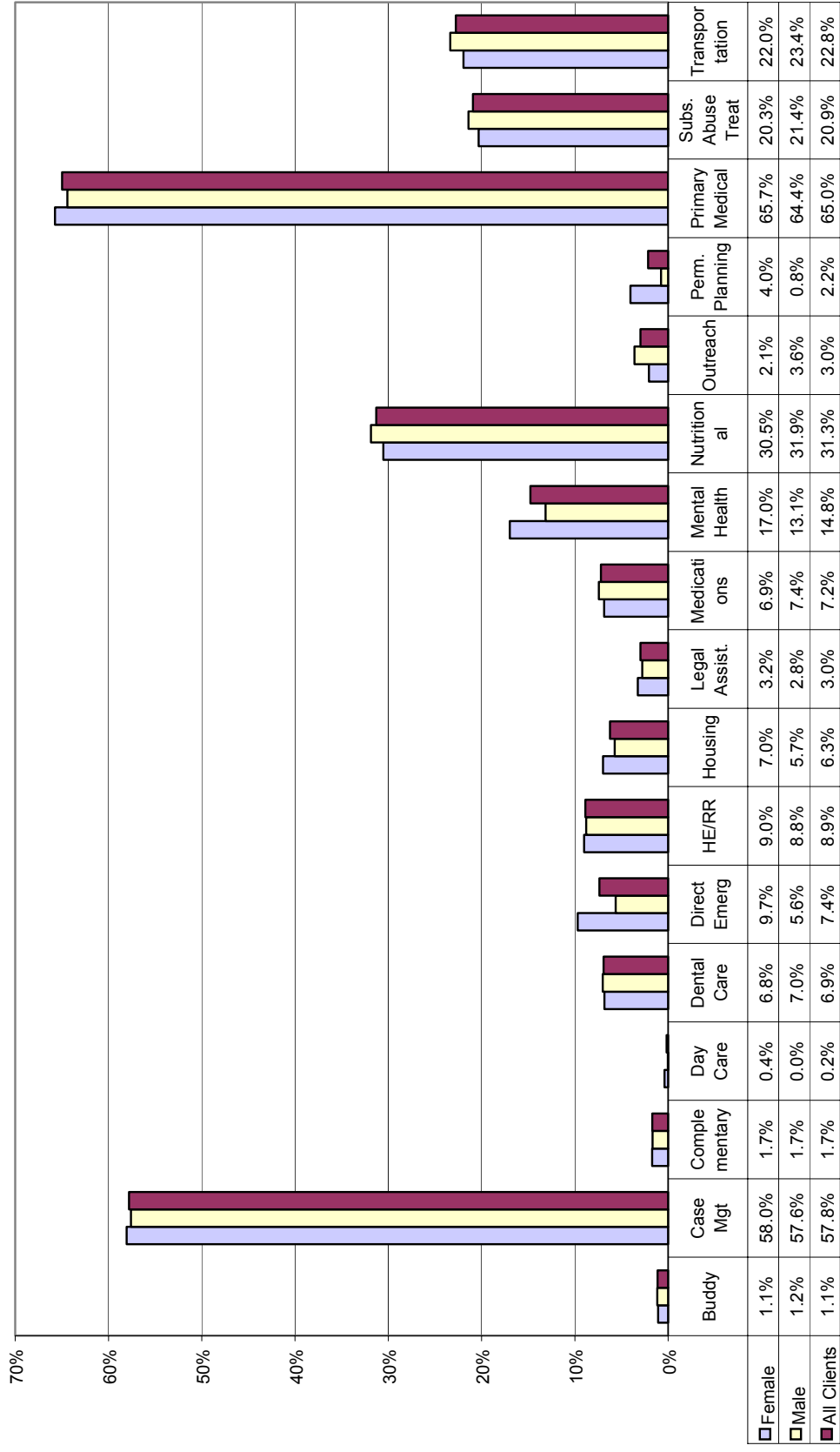
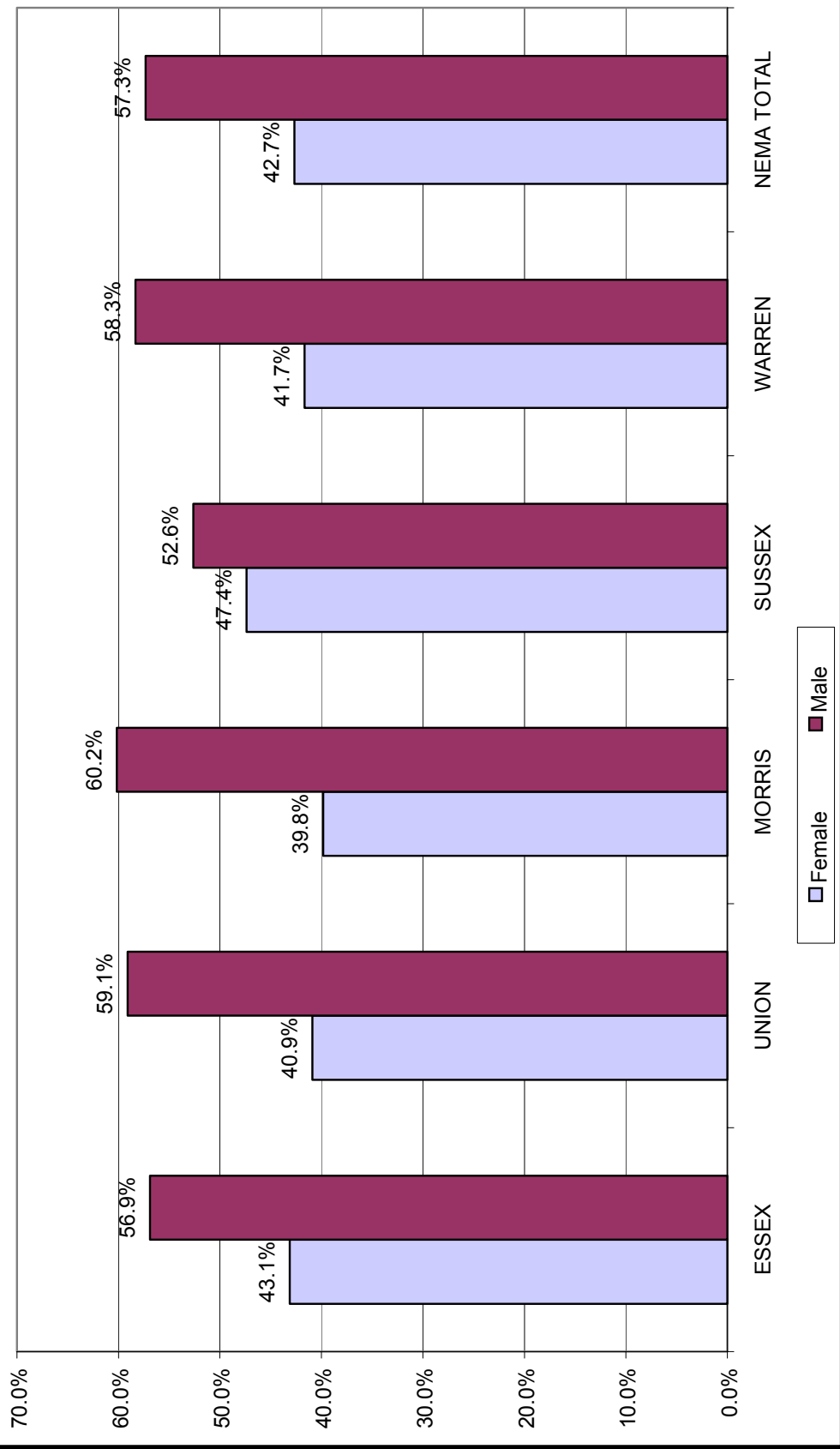


Figure U-2: Distribution of Title I Clients by Gender within County and Newark
EMA - YTD FY 2003 (2/24/04)



Title I Medical Care

A total of 5,879 PLWHA residing in the Newark EMA – nearly two-thirds (65%) of Title I clients - received Title I funded primary medical care services in YTD FY 2003. This is a significant increase over the 55.2% receiving Title I medical care in FY 2002 and 52.4% receiving such care in FY 2001. (Table U-4.)

Of the total clients receiving Title I medical care, 2,538 (43.2%) were female and 3,341 (56.8%) were male. Receipt of medical care did not vary by gender – 65.7% of females and 64.4% of males received Title I funded medical care. (Figure U-3.)

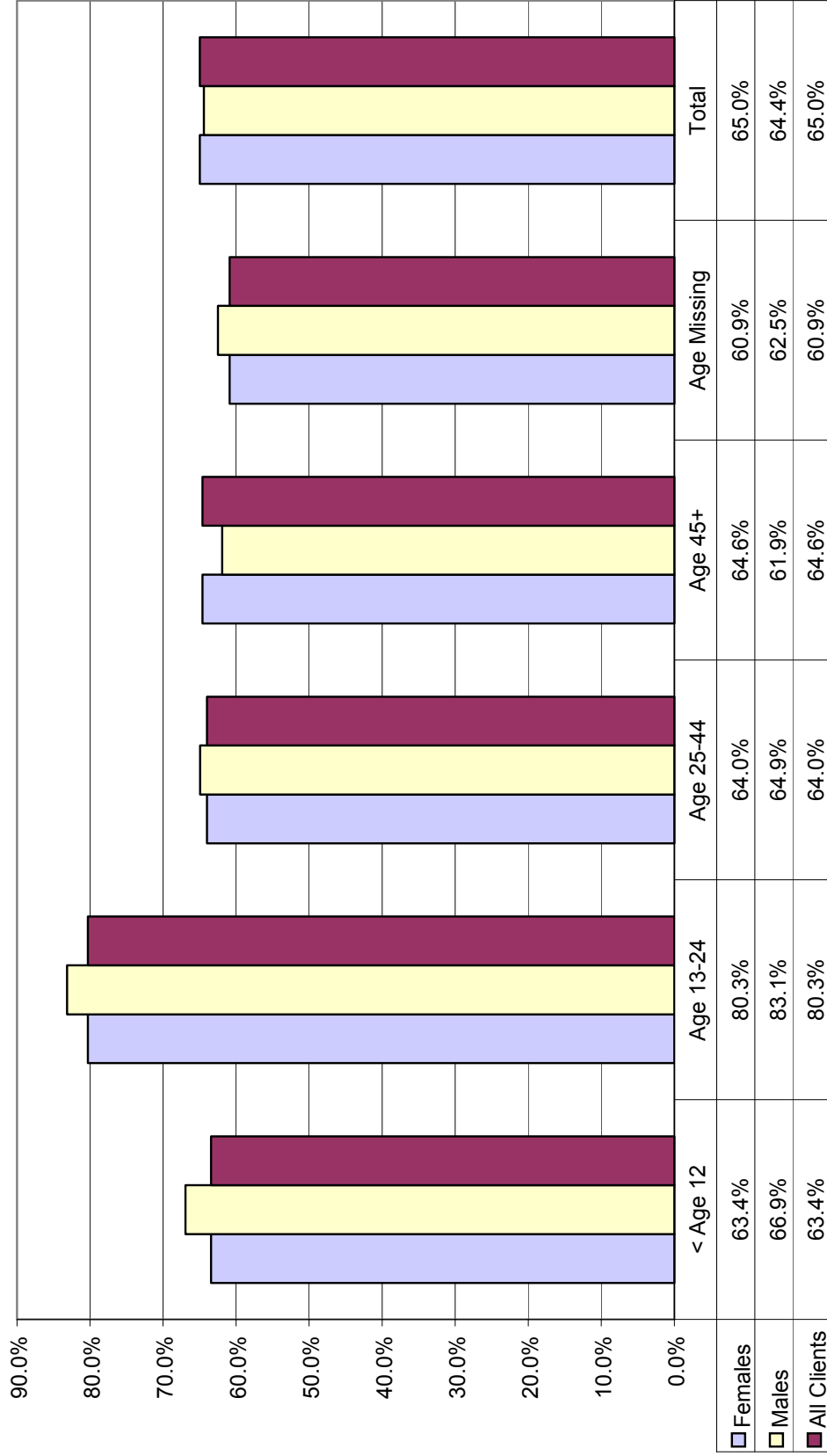
Similarly, receipt of medical care did not vary significantly by age. However, youth age 13-24 received Title I funded medical care at rates higher than the other age categories – 80.3% versus 65%.

Table U-4: Number of Clients in Newark EMA Receiving Title I Medical Care - Year to Date FY 2003 (As of 2/24/04)

| Age | Essex | Union | Morris | Sussex | Warren | NEMA | % Distn | % Title I clients w/ Title I Med. Care |
|---------------|--------------|------------|------------|-----------|-----------|--------------|---------------|--|
| <i>Female</i> | | | | | | | | |
| <1 | 11 | 1 | 0 | 0 | 0 | 12 | 0.5% | 66.7% |
| 1 - 12 | 78 | 18 | 1 | 0 | 0 | 97 | 3.8% | 60.2% |
| 13 - 24 | 109 | 15 | 1 | 0 | 1 | 126 | 5.0% | 75.9% |
| 25 - 44 | 1,067 | 205 | 39 | 3 | 2 | 1,316 | 51.9% | 62.9% |
| 45+ | 827 | 135 | 19 | 0 | 2 | 983 | 38.7% | 69.3% |
| Age Missing | 3 | 1 | 0 | 0 | 0 | 4 | 0.2% | 57.1% |
| Total | 2,095 | 375 | 60 | 3 | 5 | 2,538 | 100.0% | 65.7% |
| <i>Male</i> | | | | | | | | |
| <1 | 12 | 0 | 0 | 0 | 0 | 12 | 0.4% | 60.0% |
| 1 - 12 | 58 | 14 | 3 | 0 | 0 | 75 | 2.2% | 68.2% |
| 13 - 24 | 181 | 25 | 3 | 2 | 1 | 212 | 6.3% | 83.1% |
| 25 - 44 | 1,213 | 226 | 55 | 4 | 6 | 1,504 | 45.0% | 64.9% |
| 45+ | 1,232 | 254 | 38 | 3 | 1 | 1,528 | 45.7% | 61.9% |
| Age Missing | 9 | 1 | 0 | 0 | 0 | 10 | 0.3% | 62.5% |
| Total | 2,705 | 520 | 99 | 9 | 8 | 3,341 | 100.0% | 64.4% |
| <i>Total</i> | | | | | | | | |
| <1 | 23 | 1 | 0 | 0 | 0 | 24 | 0.4% | 63.2% |
| 1 - 12 | 136 | 32 | 4 | 0 | 0 | 172 | 2.9% | 63.5% |
| 13 - 24 | 290 | 40 | 4 | 2 | 2 | 338 | 5.7% | 80.3% |
| 25 - 44 | 2,280 | 431 | 94 | 7 | 8 | 2,820 | 48.0% | 64.0% |
| 45+ | 2,059 | 389 | 57 | 3 | 3 | 2,511 | 42.7% | 64.6% |
| Age Missing | 12 | 2 | 0 | 0 | 0 | 14 | 0.2% | 60.9% |
| Total | 4,800 | 895 | 159 | 12 | 13 | 5,879 | 100.0% | 65.0% |

Source: Newark DHHS, CHAMP file as of 2/24/04.

Figure U-3: Percent of Title I Clients Receiving Title I Medical Care by Age Category in Newark EMA - YTD FY 2003 (2/24/04)



Utilization of Title I Services by County

With respect to receipt of Title I services by county of residence, PLWHA living in Essex County received services at rates higher than their proportion of PLWHA – 79.9% (all Title I services) and 81.6% (Title I medical care) versus 73.9% of total PLWHA in the EMA as of 12/31/03. (Figures U-4 and U-5.)

Union County participated at slightly lower rates than their proportion of PLWHA – 15.2% of all Title I services and medical care versus 19.3% of PLWHA. Rates for Morris, Sussex and Warren were slightly lower than their proportion of PLWHA as well. This does not mean that PLWHA in these four counties have greater unmet need for medical care, only that Title I is not funding their medical care. PLWHA may be receiving medical care from other sources, such as Medicaid, Medicare, or private insurance.

Figures U-6 through U-11 show different service utilization patterns by county compared with EMA-wide rates.

- Service utilization in Essex County heavily influences EMA-wide results. (Figure U-7). Primary medical care is the most utilized service at 66.4%, followed by case management at 53.1%, nutritional services at 28.7%, transportation at 24.6% and substance abuse treatment at 23%.
- In the remaining four counties, case management replaces primary medical care as the #1 service. The extent of Title I primary medical care utilization and its rank among service categories vary by county.
- In Union County, Title I medical care is utilized at nearly the same rate as Essex (64.9%). Case management is used by 71.3% of Title I clients. This is due to Union County's **primary case manager** system, wherein a case manager serves as "one stop shopping" and coordinates referrals to all other services. Use of nutritional services by 43.8% of clients exceeds rates for the rest of the EMA. Use of four services is relatively equal – mental health (12.6%), direct emergency assistance (11.5%), substance abuse treatment (11.6%) and transportation (11.2%).
- In Morris County, nearly all (92.3%) Title I clients use case management. Nearly half (46.9%) use Title I medical care, and one-third (33.9%) use nutritional services. Mental health services ranks #4 (31%) and transportation #5 (28%). (Figure U-9.)
- In Sussex County, nearly all (93%) Title I clients use case management. Nutritional services is the second most used service (31.6%) followed by transportation (28.1%). Title I medical care is #4 (21.1%) and mental health services is #5 (15.8%). (Figure U-10.)
- Warren County has the highest utilization rate for case management services at 97.9% of clients. As with Sussex County, nutritional services ranks #2 (37.5%) and transportation ranks #3 (35.4%). Primary medical care, mental health services and substance abuse treatment rank next, with 27.1% of clients using these services.

Figure U-4: Distribution of All Title I Clients by County of Residence - YTD FY 2003 (2/24/04)

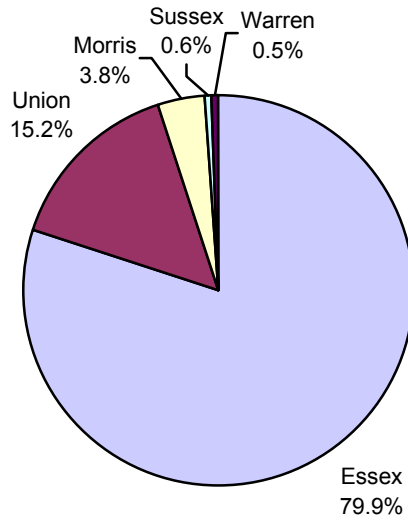


Figure U-5: Distribution of Clients Receiving Title I Medical Care by County of Residence - YTD FY 2003 (2/24/04)

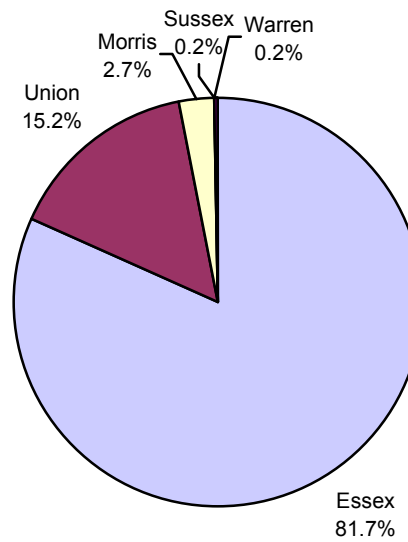


Figure U-6: Percent of Clients Using FY 2004 Top 10 Title I Services in Newark
EMA - YTD FY 2003 (2/24/04)

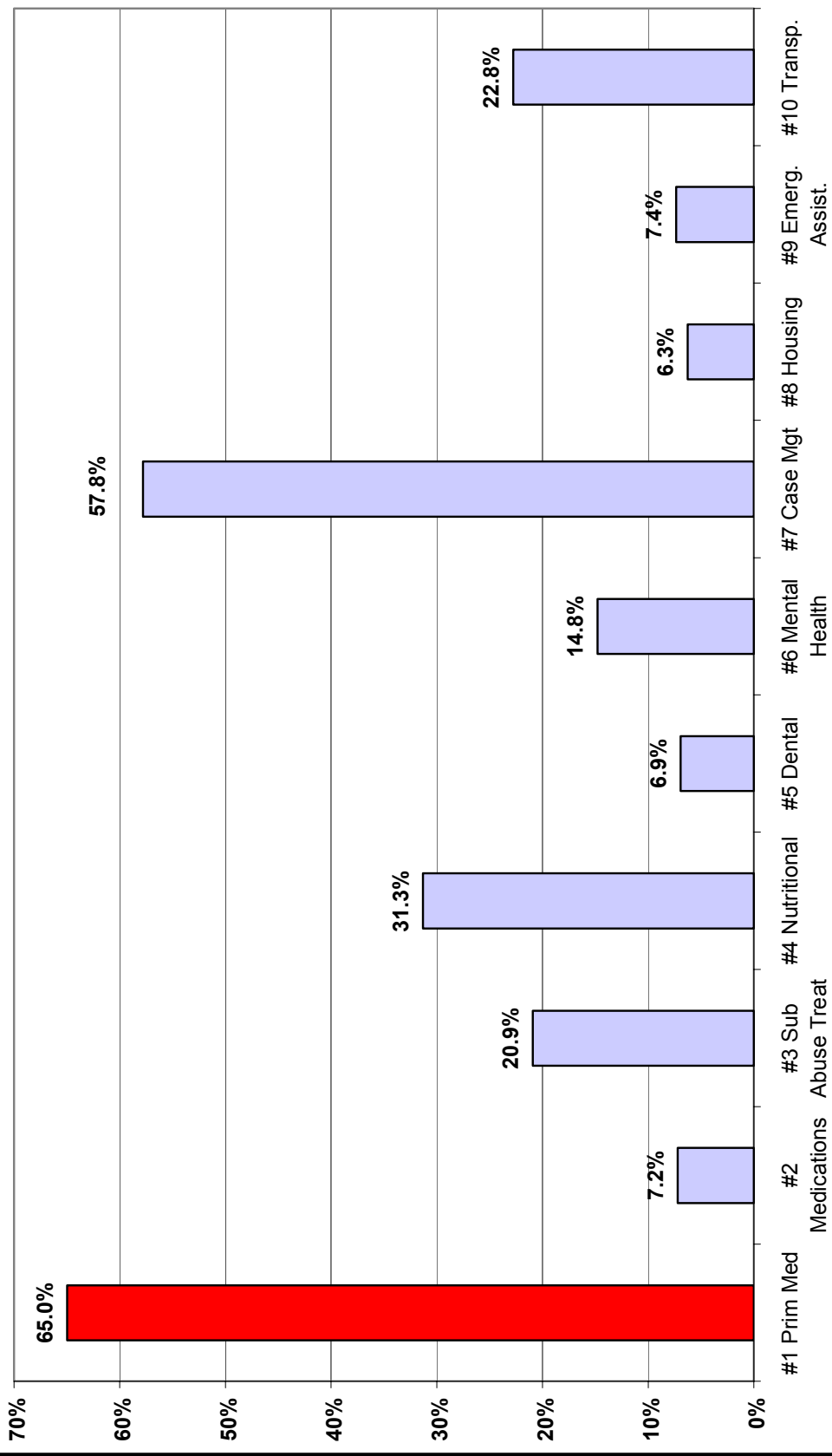


Figure U-7: Percent of Clients Using FY 2004 Top 10 Title I Services in Essex County - YTD FY 2003 (2/24/04)

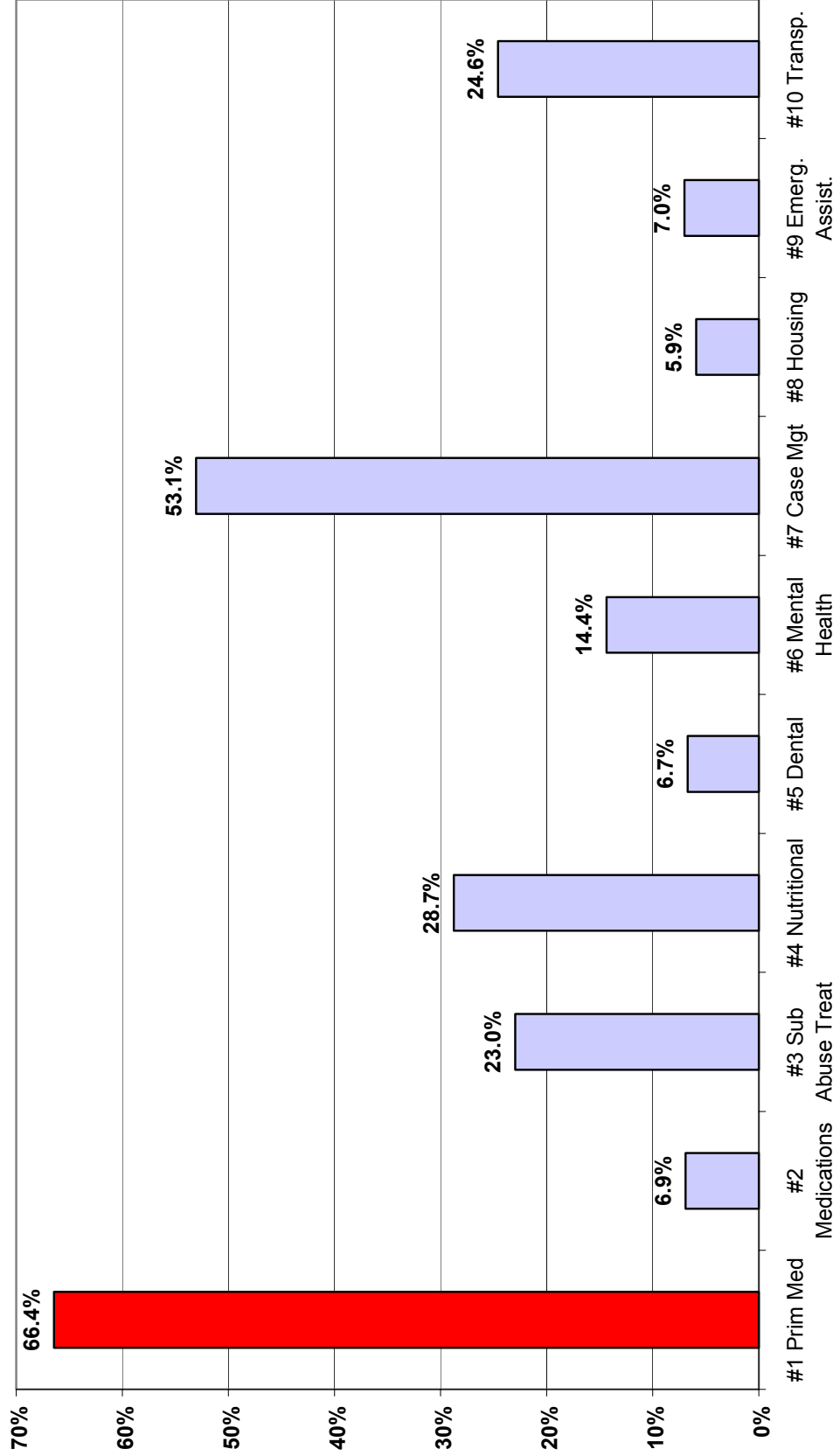


Figure U-8: Percent of Clients Using FY 2004 Top 10 Title I Services in Union
County - YTD FY 2003 (2/24/04)

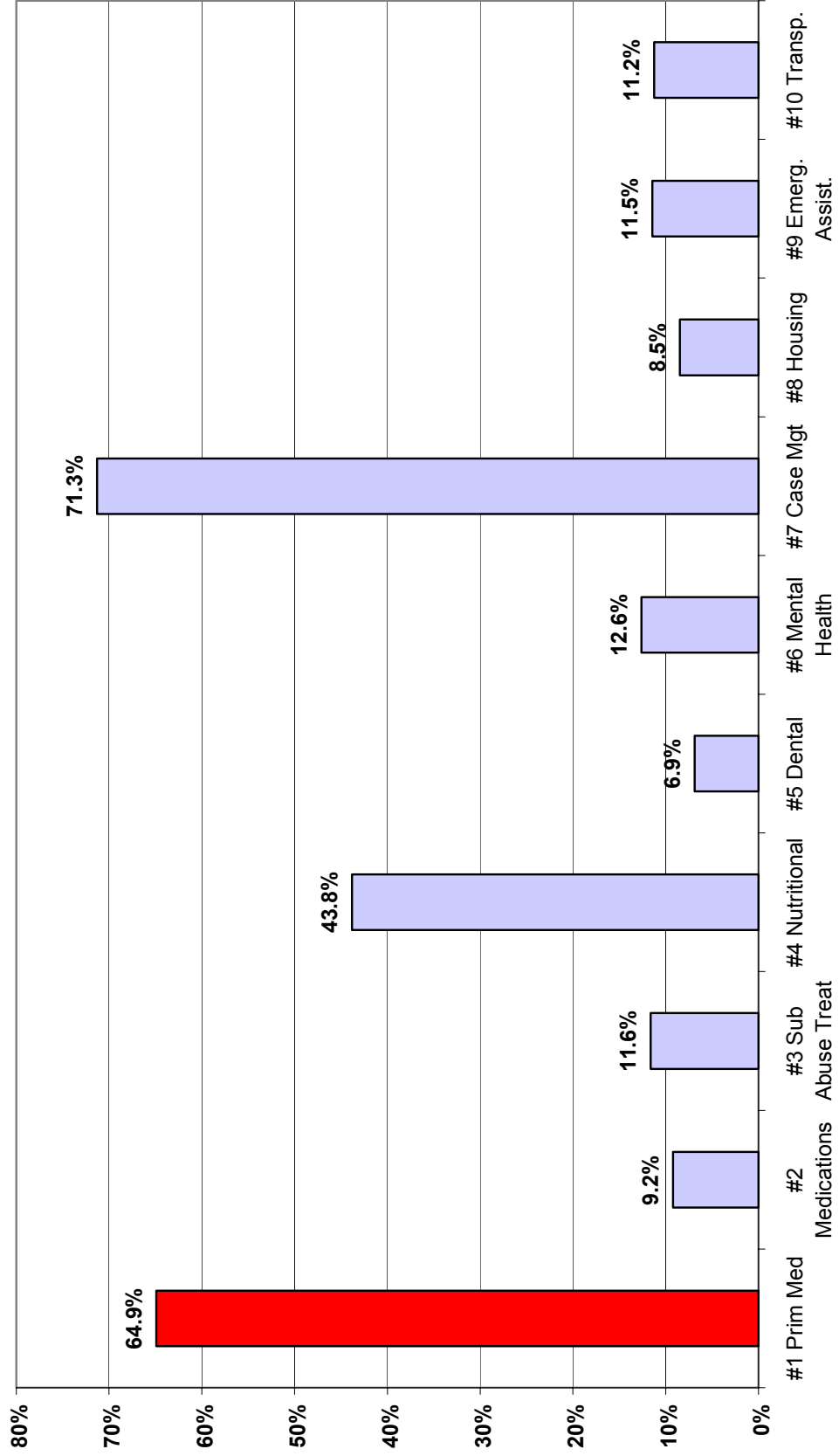


Figure U-9: Percent of Clients Using FY 2004 Top 10 Title I Services in Morris County - YTD FY 2003 (2/24/04)

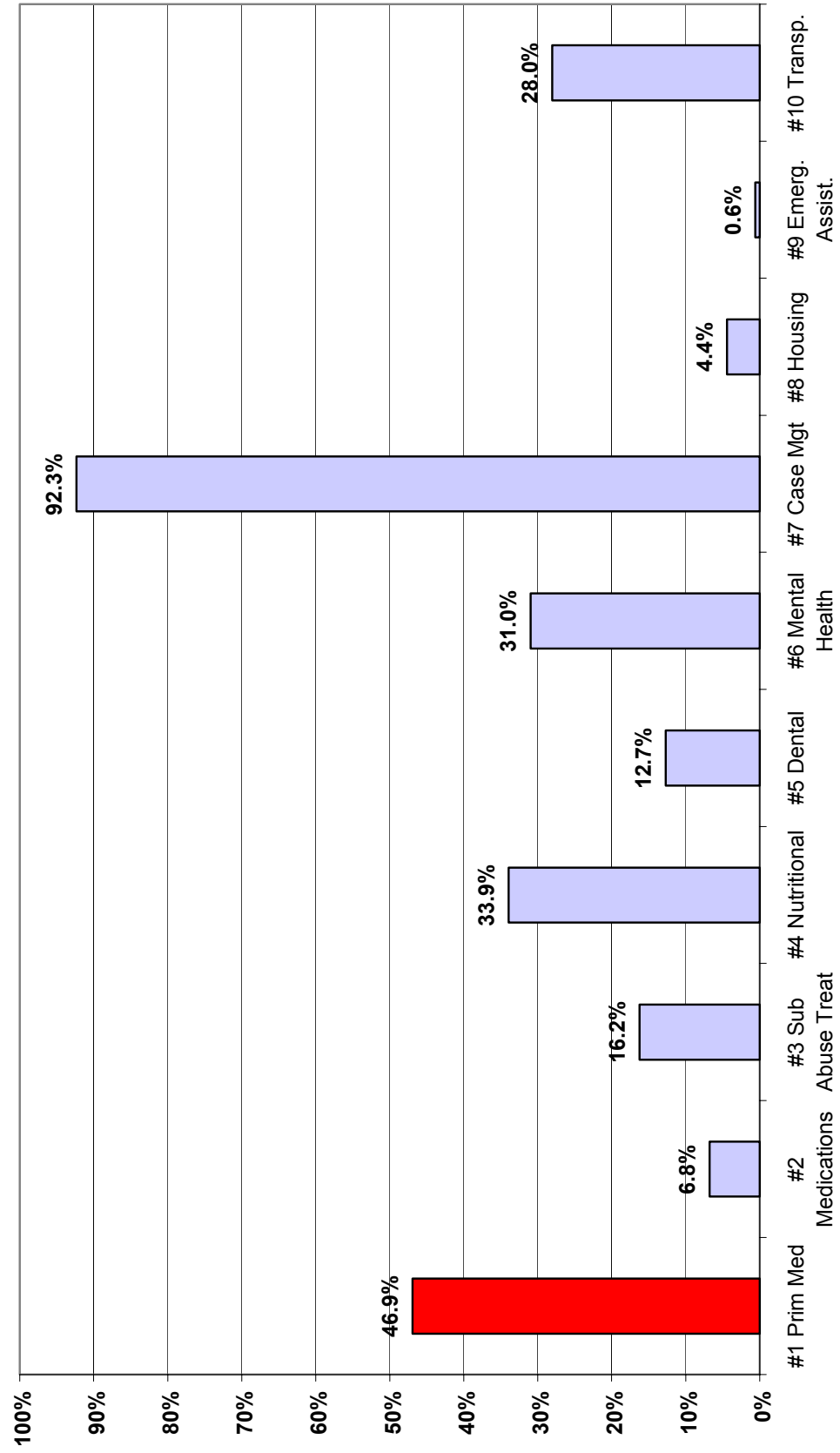


Figure U-10: Percent of Clients Using FY 2004 Top 10 Title I Services in Sussex County - YTD FY 2003 (2/24/04)

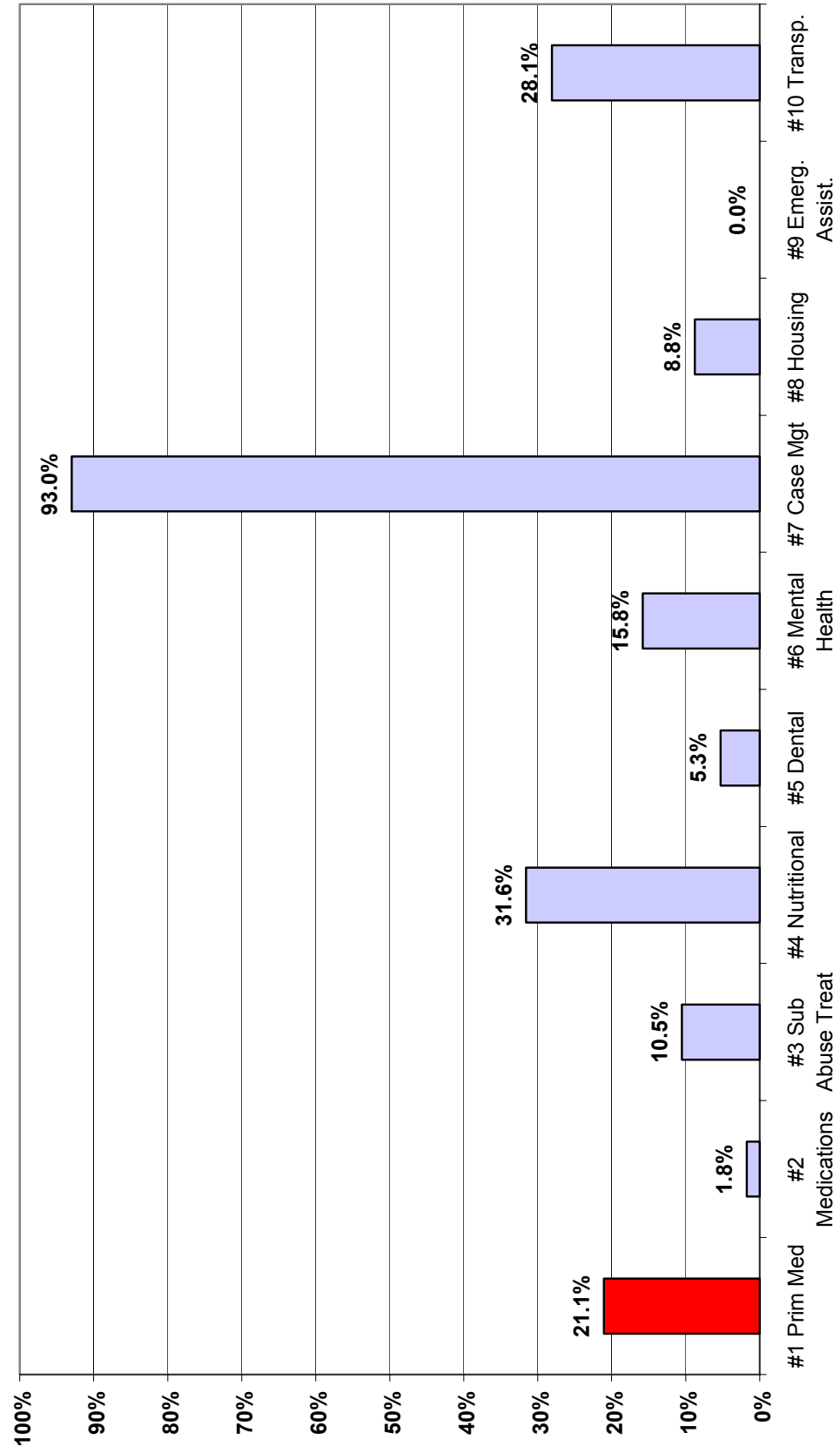


Figure U-11: Percent of Clients Using FY 2004 Top 10 Title I Services in Warren County - YTD FY 2003 (2/24/04)

