Appendix Table 1. Summary of Prior U.S. Cost Estimates from Empirical Studies of Healthcare Costs among National-level Samples of Children with ASD in Survey or Administrative dataa

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Authors (Year) | Data Source | Sample Composition | | Included Expenditures | Annual Expenditure in Current dollars  (US $ per child) | Annual Expenditure in 2018 Dollars  (US $ per child) |
| ASD | Comparison Group |
| Liptak et al. (2006) | Medical  Expenditure Panel Survey (MEPS) Household and Medical Provider Components, 1999-2000 | Aged ≤19 years;  ICD codes 299.0 and 299.8 (based on medical encounters and on parental reports);  ASD n=31 weighted n=340,158) | Similar children without ASD, mental retardation, and depression;  n=14,413 (weighted n= 152,293,614) | Sum (inpatient hospital, outpatient, emergency room, physician, non-physician, home health care, pharmacy, and other) during 1999-2000 | (in 1999-2000 dollars)  ASD: Mean: $6,132, Median: $3,702;  Comparison: Mean: $860, Median: $217;  Incremental: Mean: $5,272, Median: $3,485 | ASD: Mean: $8,670, Median: $5,234;  Comparison: Mean: $1,216,  Median: $307;  Incremental: Mean: $7,454,  Median: $4,927 |
| Leslie et al. (2007) | MarketScan Commercial claims data, 2000-2004 | Aged ≤17 years;  primary and secondary ICD-9 diagnosis codes 299.0 or 299.1-299.9 during 2000-2004;  ASD n=4,227 | None | Sum of expenditures (inpatient,  outpatient, and pharmacy) during 2004 | (in 2004 dollars)  ASD: Mean: $5,979, Median: $3,368 | ASD: Mean: $7,785, Median: $4,385 |
| Shimabukuro et al. (2008) | MarketScan Commercial claims data, 2003 | Aged 1 to 21 years in 2003;  One or more ICD-9-CM codes 299.00, 299.01, 299.80, or 299.81 during 2003;  ASD n=3,481 | Similar children without ASD;  n=1,199,380 | Sum of expenditures (inpatient, outpatient, pharmacy) during 2003 | (In 2003 dollars)  ASD: Mean: $6,830, Median: $3,600;  Comparison: Mean: $1,230, Median: $320;  Incremental: Mean: $5,590, Median: $3,280 | ASD: Mean: $9,131, Median: $4,813;  Comparison: Mean: $1,644, Median: $428;  Incremental: Mean: $7,473, Median: $4,385 |
| MarketScan Commercial claims data, 1993-2003 | Aged 1 to 21 years in 2003;  One or more ICD-9-CM codes 299.00, 299.01, 299.80, or 299.81 during 1993-2003;  ASD n=3,481 | Sum of expenditures (inpatient, outpatient, pharmacy) during 1993-2003 | (In 2003 dollars)  ASD: Mean: $5,930, Median: $2,870;  Comparison: Mean: $1,230, Median: $320;  Incremental: Mean: $4,690, Median: $2,550 | ASD: Mean: $7,928, Median: $3,837;  Comparison: Mean: $1,644, Median: $428;  Incremental: Mean: $6,270, Median: $3,409 |
| Wang and Leslie (2010) | Medicaid Analytic eXtract (MAX) files, 42 states, 2000-2003 | Year: 2003  Aged ≤17 years;  ≥2 outpatient claims or ≥1 inpatient claim with ICD-9 codes 299.0 or 299.1, 299.8 during 2000-2003;  ASD n=20,099 | None | All reimbursements by Medicaid (costs winsorized at the 1% level) during 2000-2003 | (in 2003 dollars)  ASD: Mean: $22,772, Median: $13,017 | ASD: Mean: $30,443, Median: $17,402 |
| Wang et al. (2012) | MarketScan Commercial Claims data, Medicaid MAX data for 24 states, 2003 | Aged ≤17 years;  ≥2 outpatient claims or ≥1 inpatient claim with ICD-9 codes 299.0 or 299.8 during 2003;  ASD n=18,108 in MAX, 2,366 in MarketScan | None | Sum (inpatient, outpatient, medication) during 2003 | (in 2003 dollars)  ASD: Medicaid Mean: $22,653  Private Insurance Mean: $5,254 | ASD: Medicaid Mean: $30,284  Private Insurance Mean: $7,024 |
| Peacock et al. (2012) | MarketScan Medicaid Multi-State Databases, 8 states, 2003–2005 | Aged 1 to 17 years;  ≥2 outpatient claims or ≥1 inpatient claim with ICD-9-CM codes 299.00 or 299.80 during 2003–2005;  ASD n=8,398 | Similar children without ASD;  n=1,464,383 | Sum (inpatient  and outpatient services and medications) for 2005 | (in 2005 dollars)  ASD: Mean: $10,709, Median $4,873;  Comparison: Mean: $1,816, Median: $506;  Incremental: Mean: $8,893, Median: $4,367 | ASD: Mean: $13,524, Median $6,154;  Comparison: Mean: $2,293, Median: $639;  Incremental: Mean: $11,231, Median: $5,515 |
| Cidav et al. (2013) | Medicaid MAX data files from all 50 states and DC, 2005 | Aged 3 to 20 years;  ≥2 outpatient claims or ≥1 inpatient or long-term care claim with ICD-9 codes 299 during 2005;  ASD n=94,201 | None | Sum (inpatient, outpatient, long term care, and psychotropic  medication expenditures)  (winsorized at  the 1% level) during 2005 | (in 2005 dollars)  ASD: Mean:  $8,815 ages 3-6 years,  $12,450 ages 7–11 years,  $16,877 ages 12–16 years,  $21,684 ages 17–20 years | ASD: Mean:  $11,132 ages 3-6 years  $15,722 ages 7–11 years  $21,313 ages 12–16 years  $27,384 ages 17–20 years |
| Lavelle et al. (2014) | MEPS linked to National Health Interview Survey (NHIS), 2003-2008 | Aged 3 to 17 years;  parent-reported ASD from NHIS;  ASD n=109 | Similar children without parent-reported ASD;  n=18,775 | Sum (hospitalizations, outpatient visits, home health care, dental care, prescriptions) during 2003-2008 | (in 2011 dollars)  ASD: Incremental Mean: $3,020 (regression adjusted) | ASD: Incremental Mean: $3,398 (regression adjusted) |
| Thomas et al. (2016) | MEPS, 2002–2011 | Aged <18 years;  ICD codes 299 (based on medical encounters and on parental reports);  ASD n=346 | None | Sum (outpatient medical care, chiropractor  visits, vision care, ambulatory therapy, ED visits, inpatient stays, prescription, dental visits, home health care, equipment, other) during 2002-2011 | (in 2011 dollars)  ASD:  Mean (medical services): $6,316 (total),  $11,596 (Medicaid & private),  $7,238 (Medicaid only), $4,486 (private only) | ASD:  Mean (medical services): $7,106 (total),  $13,046 (Medicaid & private),  $8,143 (Medicaid only), $5,047 (private only) |
| Thomas et al. (2014) | MEPS, 2000–2009 | Aged <21 years;  (based on medical encounters and on parental reports);  ASD n=337 | None | Sum (outpatient services, hospital services, prescription  Medication, home health care, equipment, and other) | (in 2009 dollars)  ASD:  Median: $2,400 | ASD:  Median: $2,789 |
| Stuart et al. (2017) | MarketScan Commercial claims data, 2007-2012 | Aged ≤18 years;  ICD-9-CM codes 299 anytime 2007-2012; ASD n=38,928 | None | Sum (inpatient, outpatient, and pharmacy spending for all medical, mental health, and pharmacy care) | (in 2012 dollars)  ASD: Mean --  $8,759 in 2007-2009  $10,820 in 2010-2012 | ASD: Mean --  $9,668 in 2007-2009  $11,943 in 2010-2012 |

Abbreviations: ASD, autism spectrum disorder; MEPS, Medical Expenditure Panel Survey; NHIS, National Health Interview Survey

aA total of 11 empirical studies of healthcare expenditures for national-level samples of children with ASD in either survey or administrative data are included in this summary table. We do not include a 2007 study by Ganz that was incorrectly reported by Rogge and Janssen in their review article as having estimated incremental medical costs for ASD using Medical Expenditure Panel Survey (MEPS) and National Health Interview Survey (NHIS) data; in fact, Ganz used those data in a modeling study to supplement cost estimates taken from published sources.

Appendix Table 2. Median Total Expenditures by Study Period and Case Source, 2018 Dollarsa

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | ASD Case Status | | | | |
| MEPS  Survey Years | Expenditures (2016 USD) | No ASD | NHIS & MEPS | NHIS any | MEPS any | NHIS any OR  MEPS any |
| 2003-2008 | N | 20,644 | 63 | 119 | 95 | 151 |
|  | Total  (95% CI) | 450  (429-472) | 1,143b  (212-2075) | 995  (480-1510) | 2,435  (1349-3521) | 1,386b  (459-2313) |
|  |  |  |  |  |  |  |
| 2009-2012 | N | 14,046 | 77 | 146 | 127 | 196 |
|  | Total  (95% CI) | 449  (419-480) | 3,895  (807-6984) | 1,765c  (596-2934) | 3,618  (1521-5715) | 1,817  (806-2828) |
|  |  |  |  |  |  |  |
| 2013-2015 | N | 10,686 | 87 | 170 | 138 | 221 |
|  | Total  (95% CI) | 515  (482-548) | 4,192  (1953-6432) | 1,882b  (488-3277) | 2,964  (1,588-4,341) | 1,618  (878-2,358) |

Abbreviations: ASD, autism spectrum disorder; CI, confidence interval; MEPS, Medical Expenditure Panel Survey; NHIS, National Health Interview Survey; USD, United States Dollars

aSource: Authors’ estimates from Medical Expenditure Panel Survey (MEPS) 2003-2015 linked to National Health Interview Survey (NHIS) Sample Child Core, 2001-2014.

bRelative standard error >0.30.

Appendix Table 3. Two-Part Estimates (log link-gamma distribution)a

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Two-Part Model-NHIS ASD Indicator (n=45,944)** | | | | | | | |  | **Two-Part Model-MEPS ASD Indicator (n=45,944)** | | | | | | |
|  | **Logit** | | | |  | **GLM ($>0)** | | |  | **Logit** | | |  | **GLM ($>0)** | | |
|  | | **Coef.** |  | **Std. Err.** |  | **Coef.** |  | **Std. Err.** |  | **Coef.** |  | **Std. Err.** |  | **Coef.** |  | **Std. Err.** |
| **Female** | | 0.041 |  | (0.036) |  | -0.007 |  | (0.058) |  | 0.045 |  | (0.036) |  | 0.002 |  | (0.059) |
| **Reference: Male**  **Age 13-17**  **Reference: Age 3-12** | | -0.260 | \*\*\* | (0.036) |  | 0.362 | \*\*\* | (0.059) |  | -0.259 | \*\*\* | (0.036) |  | 0.365 | \*\*\* | (0.059) |
|  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Poverty Status** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Near poor** | | -0.008 |  | (0.059) |  | -0.047 |  | (0.113) |  | -0.010 |  | (0.058) |  | -0.044 |  | (0.117) |
| **Low income** | | -0.058 |  | (0.048) |  | -0.125 |  | (0.095) |  | -0.058 |  | (0.048) |  | -0.130 |  | (0.095) |
| **Middle income** | | 0.099 | \*\* | (0.044) |  | 0.061 |  | (0.094) |  | 0.099 | \*\* | (0.044) |  | 0.056 |  | (0.095) |
| **High income** | | 0.574 | \*\*\* | (0.069) |  | 0.011 |  | (0.099) |  | 0.574 | \*\*\* | (0.069) |  | 0.008 |  | (0.100) |
| **Reference: Poor** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Race/Ethnicity** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Hispanic** | | -0.426 | \*\*\* | (0.055) |  | -0.206 | \*\* | (0.089) |  | -0.424 | \*\*\* | (0.055) |  | -0.202 | \*\* | (0.089) |
| **Non-Hispanic Black** | | -0.528 | \*\*\* | (0.056) |  | -0.418 | \*\*\* | (0.053) |  | -0.525 | \*\*\* | (0.056) |  | -0.413 | \*\*\* | (0.055) |
| **Non-Hispanic Asian** | | -0.762 | \*\*\* | (0.085) |  | -0.600 | \*\*\* | (0.079) |  | -0.758 | \*\*\* | (0.085) |  | -0.588 | \*\*\* | (0.083) |
| **Non-Hispanic Other** | | -0.046 |  | (0.119) |  | -0.014 |  | (0.088) |  | -0.044 |  | (0.119) |  | -0.006 |  | (0.088) |
| **Reference: Non-Hispanic White** | | | | | | | | |  |  |  |  |  |  |  |  |
| **Highest Education in Family** | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **High school graduate** | | 0.033 |  | (0.050) |  | 0.265 | \*\* | (0.104) |  | 0.033 |  | (0.050) |  | 0.259 | \*\* | (0.104) |
| **Some college** | | 0.309 | \*\*\* | (0.052) |  | 0.235 | \*\*\* | (0.084) |  | 0.307 | \*\*\* | (0.052) |  | 0.232 | \*\*\* | (0.084) |
| **Bachelors** | | 0.633 | \*\*\* | (0.069) |  | 0.457 | \*\*\* | (0.126) |  | 0.633 | \*\*\* | (0.069) |  | 0.458 | \*\*\* | (0.126) |
| **Post-graduate** | | 0.792 | \*\*\* | (0.088) |  | 0.494 | \*\*\* | (0.116) |  | 0.792 | \*\*\* | (0.088) |  | 0.486 | \*\*\* | (0.117) |
| **Reference: Less than high school** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Census Region** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Midwest** | | 0.006 |  | (0.079) |  | -0.105 |  | (0.072) |  | 0.006 |  | (0.079) |  | -0.092 |  | (0.072) |
| **South** | | -0.282 | \*\*\* | (0.072) |  | -0.094 |  | (0.070) |  | -0.281 | \*\*\* | (0.072) |  | -0.082 |  | (0.070) |
| **West** | | -0.383 | \*\*\* | (0.076) |  | -0.045 |  | (0.103) |  | -0.381 | \*\*\* | (0.076) |  | -0.037 |  | (0.104) |
| **Reference: North** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Metropolitan Statistical Area (MSA)** | | 0.030 |  | (0.070) |  | -0.001 |  | (0.115) |  | 0.030 |  | (0.070) |  | 0.010 |  | (0.116) |
| **Reference: non-MSA** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Pooled years** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **2009-2012** | | 0.037 |  | (0.045) |  | 0.164 | \*\* | (0.065) |  | 0.034 |  | (0.045) |  | 0.160 | \*\* | (0.065) |
| **2013-2015** | | 0.090 | \* | (0.050) |  | 0.233 | \*\*\* | (0.089) |  | 0.086 | \* | (0.050) |  | 0.231 | \*\* | (0.089) |
| **Reference: 2003-2008** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **ASD** | | 0.635 | \*\*\* | (0.222) |  | 1.024 | \*\*\* | (0.132) |  | 1.943 | \*\*\* | (0.306) |  | 1.227 | \*\*\* | (0.124) |
| **Reference: non-ASD** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **constant** | | 1.416 | \*\*\* | (0.102) |  | 6.989 | \*\*\* | (0.124) |  | 1.412 | \*\*\* | (0.102) |  | 6.970 | \*\*\* | (0.125) |

Abbreviations: ASD, autism spectrum disorder; CI, confidence interval; MEPS, Medical Expenditure Panel Survey; NHIS, National Health Interview Survey

a Source: Authors’ estimates from the MEPS 2003-2015 linked to the NHIS Sample Child Core 2001-2014.

Appendix. Summary of Utilization and Cost Data collected in the Medical Expenditure Panel Survey

The MEPS Household Component (HC) collects data in each round on use and expenditures for office- and hospital-based care, home health care, dental services, vision aids, and prescribed medicines. Data were collected for each sample person at the event level (e.g., doctor visit, hospital stay) and summed across to produce the annual utilization and expenditure data for each year.

**Utilization Data**

In each round, MEPS household respondents are specifically prompted to report every health care encounter by all household members. Respondents receive hardcopy showcards that list the various types of providers and settings whose services should be recalled and reported. The 2015 MEPS showcards are appended to this appendix. The specific types of health professionals include medical doctors (pediatricians, psychiatrists, all other specialties), psychologists, other behavioral health providers, occupational therapists, speech therapists, and physical therapists as well as alternative and complementary medicine providers. Services can be delivered in hospitals, offices, clinics, and mental health facilities. Home care services that are prompted for include medical care, therapies, personal care, and help with household chores. There is a notable exception of school-based services, which are not prompted. Thus, ASD therapies provided outside of school-based settings should generally be captured in the MEPS.

To further aid in recall, MEPS respondents are also sent calendars to record all health care encounters and also encouraged to have additional records available during the interview including explanation of benefit forms, provider bills, checkbooks, and patient portal information. The MEPS also collects information on every prescription medication provided to each household member during each round. To aid in recall, MEPS respondents are encouraged to collect all the pill bottles/containers and/or pharmacy printouts/patient portal information available.

**Cost Data**

MEPS person-level cost estimates are built up from the individual health care encounter/prescription drug fills reported for each person. MEPS household respondents are asked information about the total charges, out-of-pocket payments, and third party payers and amounts for each health care encounter reported. They are also asked about out-of-pocket costs and sources of coverage for prescription medications. In addition, the MEPS Medical Provider Component (MEPS-MPC) is a follow-back survey that collects data from a sample of medical providers and pharmacies that were used by sample persons in each year. Expenditure data collected in the MEPS-MPC are generally regarded as more accurate than information collected in the HC and are used to improve the overall quality of MEPS expenditure data. When MPC expenditure data for a particular encounter/prescription drug fill are available they are used. Whenever MPC or HC data are incomplete or missing for a particular encounter/prescription drug fill, a structured imputation process is used. Additional information on the methods for deriving the expenditure estimates are available in the Public Use File documentation (see pages C-103-C-113 in <https://www.meps.ahrq.gov/data_stats/download_data/pufs/h181/h181doc.pdf>).

# MEDICAL EXPENDITURE PANEL SURVEY

**HOUSEHOLD COMPONENT MAIN STUDY**

**BLAISE/WVS SHOW CARDS**

**Panels 18, 19, and 20**

**January 2015**

## CARD EV-1B (Rounds 3 and 5)

**EV-1B**

-- Hospital Stay

-- Hospital Emergency Room

-- Hospital Outpatient Department

-- Medical Provider

* e.g., Doctor’s Office, Group Practice, Clinic, HMO, Lab, Mental Health Care, Alternative Care

-- Dental Office/Dental Clinic

-- At Home

-- Other Medical Expenses

* Eyeglasses or Contact Lenses
* Insulin, Other Diabetic Equipment/Supplies
* Ambulance, Orthopedic Items, Hearing Devices, Prostheses, Bathroom Aids, Medical Equipment, Disposable Supplies, Alterations/Modifications

-- Institutional/Long Term Care Stay

* e.g., Nursing Home, Rehabilitation Facility, Drug Treatment, Psychiatric Facility

Blaise/WVS Version, Spring 2015

# TYPES OF HEALTH CARE PROVIDERS AND FACILITIES

#### Medical Professionals and Practitioners:

Medical Doctor

Nurse or Nurse Practitioner Paramedic

Health Aide Physician’s Assistant

Midwife/Nurse Midwife Optometrist/Ophthalmologist Podiatrist (Foot Doctor) Chiropractor

Acupuncturist

Therapist - Physical, Speech, Occupational

Audiologist Physiatrist

Physical Therapy or Rehabilitation Services

#### Mental Health Professionals:

Psychiatrist Psychologist

Psychiatric Social Worker Mental Health Therapist

#### Medical Facility or Clinic:

Health Clinic

Walk-in Surgi-Clinic Company or school Clinic Infirmary

Neighborhood Health Clinic Family Planning Center Mental Health Facility

Retail Clinic (e.g., Pharmacy/ Grocery Store Clinic)

#### Dental Care:

Dentist

Dental or Oral Surgeon Orthodontist

**PP-1**

Dental Hygienist Dental Technical Dental Assistant

**PP-2**

# TYPES OF HOSPITAL SERVICES

## Hospital Stay Emergency Room Visit

Outpatient Department Visit

**PP-3**

# TYPES OF HOME CARE SERVICES

#### Skilled Medical Care

Home care from a nurse, any type of therapist, a doctor, a social worker, or anyone else providing nursing or medical care.

#### Personal Care

Home care services including bathing, dressing, help getting around the house, or help with getting medication, either paid or unpaid.

#### Household Chore Services

Help in the home with services like cooking or cleaning either paid or unpaid.

#### Companionship

Services such as reading, talking, or going for a walk, a drive, or to a restaurant either paid or unpaid.

#### Any Other Type of Home Care

**PP-3A**

# TYPES OF LONG TERM CARE FACILITIES

## Inpatient Rehabilitation Facility or Convalescent Home Nursing Home

Residential Mental Health Treatment Center Residential Eating Disorder Treatment Center Residential Drug and Alcohol Treatment Center Residential Addiction Treatment Center Residential Hospice Care

Residential Respite Care

**PP-4**

# TYPES OF OTHER MEDICAL SUPPLIES/EXPENSES

#### Eyeglasses or Contact Lenses …

Bought Replaced

Paid for Repairing

#### Diabetic Equipment or Supplies …

Insulin Syringes Test Paper

Other Diabetic Equipment or Supplies

**AMBULANCE SERVICES ORTHOPEDIC ITEMS**

**PP-5**

-- Corrective shoes or inserts

-- Braces

-- Crutches

-- Canes

-- Walkers

-- Wheelchairs

-- Scooters

**HEARING DEVICES**

-- Hearing aids

-- Amplifiers for a telephone

-- Adaptive speech equipment

-- Speech synthesizer

**PROSTHESES**

-- Artificial limbs

**BATHROOM AIDS**

-- Portable commodes

-- Raised toilet seats

-- Portable tub seats

-- Handrails

-- Other bathing equipment

**MEDICAL EQUIPMENT**

-- Hospital beds

-- Lifts

-- Monitors

-- Special chairs

-- Oxygen

-- Bed pans

-- Adaptive feeding equipment

-- Vaporizer or nebulizer

-- Blood pressure monitor

**DISPOSABLE SUPPLIES**

-- Ostomy supplies

-- Bandages

-- Dressings

-- Tape

-- Adult disposable diapers

-- Catheters

-- Syringes not prescribed by a physician

-- IV supplies

**ALTERATIONS/MODIFICATIONS**

-- Ramps

-- Handrails

-- Elevators

-- Automobile modifications

**OTHER**

**PP-6**

# TYPES OF DENTAL CARE PROVIDERS

Dentist

Dental or Oral Surgeon Orthodontist

Dental Hygienist Dental Technician Dental Assistant

**PP-7**

# TYPES OF MEDICAL PROVIDERS

#### Medical Professionals:

Medical Doctor Physician’s Assistant

Nurse Optometrist/Ophthalmologist

Nurse Practitioner Podiatrist (Foot Doctor)

Midwife/Nurse Midwife Chiropractor

Physiatrist Acupuncturist

Paramedic Audiologist

Health Aide

Physical Therapy or Rehabilitation Services Therapist-Physical, Speech, Occupational

#### Mental Health Professionals:

Psychiatrist Psychologist

Psychiatric Social Worker Mental Health Therapist

**PP-8**

# TYPES OF HOSPITAL SERVICES

Hospital Stay Emergency Room Visit

Outpatient Department Visit

**PP-9**

# TYPES OF OTHER MEDICAL PROVIDERS

#### Medical Professionals and Practitioners:

Paramedic Health Aide

Physician’s Assistant Midwife Optometrist/Ophthalmologist Podiatrist (Foot Doctor) Chiropractor

Acupuncturist

Therapist - Physical, Speech, Occupational Audiologist

Physical Therapy or Rehabilitation Services

#### Medical Facility or Clinic:

Health Clinic

Walk-in Surgi-Clinic Company or School Clinic Infirmary

Neighborhood Health Clinic Family Planning Center Mental Health Facility

Retail Clinic (e.g., Pharmacy/Grocery Store Clinic)

#### Mental Health Professionals:

Psychiatric Social Worker Mental Health Therapist

**PP-10**

# TYPES OF HOME CARE SERVICES

#### Skilled Medical Care

Home care from a nurse, any type of therapist, a doctor, a social worker, or anyone else providing nursing or medical care.

#### Personal Care

Home care services including bathing, dressing, help

getting around the house, or help with getting medication, either paid or unpaid.

#### Household Chore Services

Help in the home with services like cooking or cleaning either paid or unpaid.

#### Companionship

Services such as reading, talking, or going for a walk, a drive, or to a restaurant either paid or unpaid.

#### Any Other Type of Home Care

**PP-11**

# TYPES OF LONG TERM CARE FACILITIES

## Inpatient Rehabilitation Facility or Convalescent Home Nursing Home

Residential Mental Health Treatment Center Residential Eating Disorder Treatment Center Residential Drug and Alcohol Treatment Center Residential Addiction Treatment Center Residential Hospice Care

Residential Respite Care

## CARD HH-1

**HH-1**

### -- Certified Nursing Assistant (CNA)

-- Companion

-- Dietitian/Nutritionist

-- Home Health/Home Care Aide

-- Hospice Worker

-- Homemaker

-- I.V. or Infusion Therapist

-- Medical Doctor

-- Nurse/Nurse Practitioner

-- Nurse’s Aide

-- Occupational Therapist

-- Personal Care Attendant

-- Physical Therapist

-- Respiratory Therapist

-- Social Worker

-- Speech Therapist