

TABLE III.1

DEMOGRAPHIC CHARACTERISTICS OF MEDICAID CHILDREN WITH CHRONIC AND
DISABLING CONDITIONS IN FEE FOR SERVICE CALENDAR YEARS 1999 AND 2000

Characteristic	1999	2000	Enrolled Throughout 1999 and 2000
	Number		
Overall	2,594,461	2,738,183	903,018
Age			
Less than 1	174,603	147,814	0
1-5	815,890	849,053	203,442
6-12	900,218	963,015	399,091
13-14	211,445	232,675	102,083
15-18	363,397	403,973	157,057
19-20	128,908	141,653	41,345
Gender			
Male	1,453,046	1,528,980	541,946
Female	1,139,791	1,207,843	361,060
Unknown	1,624	1,360	12
Race/Ethnicity			
White	1,246,705	1,331,646	430,548
Black	697,175	729,712	250,645
American Indian	46,207	52,431	12,607
Asian	22,348	22,594	6,517
Hispanic	380,198	387,510	97,336
Other	4,887	7,131	1,882
Unknown	196,941	207,159	103,483
	Percent		
Overall	100.0	100.0	100.0
Age			
Less than 1	6.7	5.4	0.0
1-5	31.5	31.0	22.5
6-12	34.7	35.2	44.2
13-14	8.2	8.5	11.3
15-18	14.0	14.8	17.4
19-20	5.0	5.2	4.6
Gender			
Male	56.0	55.8	60.0
Female	43.9	44.1	40.0
Unknown	0.1	0.1	0.0
Race/Ethnicity			
White	48.1	48.6	47.7
Black	26.9	26.7	27.8
American Indian	1.8	1.9	1.4
Asian	0.9	0.8	0.7
Hispanic	14.7	14.2	10.8
Other	0.2	0.3	0.2
Unknown	7.6	7.6	11.5

Source: MPR analysis of the 1999 and 2000 Medicaid Analytical Extract Files.

Note: Children are enrollees 0 through 20 years of age at the end of the calendar year. Enrollees with chronic and disabling conditions were identified by either the Chronic Illness and Disability Payment System (CDPS) or eligibility codes that indicated the enrollee was designated as disabled and receiving cash assistance.

TABLE III.3.2

CHRONIC CONDITIONS OF MEDICAID CHILDREN WITH CHRONIC AND DISABLING CONDITIONS IN FEE FOR SERVICE,
BY CHRONIC CONDITION CATEGORY AND BY GENDER AND AGE GROUP
CALENDAR YEAR 2000

Chronic Condition Category ^a							Females					
	Less than 1	1-5	6-12	13-14	15-18	19-20	Less than 1	1-5	6-12	13-14	15-18	19-20
Overall	79,664	478,073	580,559	135,859	202,287	52,538	67,198	370,594	382,444	96,814	201,679	89,114
Mental Health Conditions												
Developmental	0.71	2.16	4.27	5.22	7.00	13.87	0.83	2.08	4.25	5.24	4.97	6.30
Psychiatric	0.80	7.82	45.75	50.87	43.79	31.57	0.81	5.42	31.79	40.81	39.80	26.69
Substance abuse	0.14	0.09	0.17	1.11	5.09	5.38	0.14	0.08	0.13	1.27	3.56	3.04
Physical Health Conditions												
Infectious disease	30.67	6.68	1.91	1.40	1.47	1.88	33.54	8.65	3.48	2.19	2.46	3.76
Cancer	0.68	1.03	0.97	1.08	1.28	1.88	0.70	1.14	1.20	1.32	1.73	2.66
Metabolic	7.99	8.02	4.05	3.29	3.12	3.53	7.98	7.47	4.09	3.27	2.93	3.12
Diabetes	0.25	0.49	0.87	1.40	2.10	2.93	0.23	0.53	1.30	2.34	3.23	4.44
Hematological	2.94	2.75	1.68	1.71	1.91	2.56	3.09	2.93	2.03	1.97	2.45	3.56
Nervous system	9.80	26.40	26.09	22.07	21.67	26.04	9.22	22.27	24.92	22.04	20.35	20.43
Eye	1.18	0.78	0.44	0.48	0.54	0.74	1.20	0.86	0.50	0.49	0.52	0.58
Cardiovascular	11.25	5.32	3.86	4.73	6.35	8.27	11.89	6.03	4.50	4.97	6.88	9.92
Cerebrovascular	1.09	0.65	0.54	0.53	0.72	1.19	0.97	0.62	0.60	0.54	0.61	0.80
Pulmonary	36.03	51.09	27.76	22.94	21.10	16.38	29.18	47.96	30.04	26.06	23.45	21.06
Gastrointestinal	42.99	20.24	7.73	6.91	9.04	10.09	41.05	20.97	9.84	8.96	11.90	14.36
Genital	2.46	1.56	0.57	0.31	0.21	0.24	0.78	0.51	0.26	1.46	4.92	6.94
Renal	4.18	4.39	6.96	5.48	5.68	7.37	3.75	6.34	9.81	6.58	9.26	14.39
Skin	3.75	4.73	3.29	3.97	4.65	5.12	3.22	4.40	3.27	3.98	4.55	4.73
Skeletal	7.74	6.29	5.30	7.89	9.22	9.26	8.17	6.41	6.73	9.77	9.74	8.92

Source: MPR analysis of the 1999 and 2000 Medicaid Analytical Extract Files.

Note: Children are enrollees 0 through 20 years of age at the end of the calendar year. Enrollees with chronic and disabling conditions were identified by either the Chronic Illness and Disability Payment System (CDPS) or eligibility codes that indicated the enrollee was designated as disabled and receiving cash assistance.

^aDiagnosis codes in inpatient and ambulatory care claims records were used to identify chronic conditions. The groups represent the CDPS condition categories, which are not mutually exclusive and enrollees with multiple conditions may appear in more than one group. Appendix A presents representative diagnoses for each condition category.

TABLE III.3.4

CHRONIC CONDITIONS OF MEDICAID CHILDREN WITH CHRONIC AND DISABLING CONDITIONS IN FEE FOR SERVICE,
BY CHRONIC CONDITION CATEGORY AND BY MEDICAID ELIGIBILITY GROUP
CALENDAR YEAR 2000

Chronic Condition Category ^a	b					Not Disabled						
	Cash	Medically Needy	Poverty-related	Section 1115 ^c	Other	Cash	Medically Needy	Poverty-related	Section 1115 ^c	Foster Care	Other	Unknown
Overall	489,303	20,870	14,678	1,634	48,518	555,260	86,321	1,078,417	24,359	204,161	211,129	3,533
Mental Health Conditions												
Developmental	14.19	16.72	14.65	4.35	19.86	0.72	0.86	0.93	0.89	3.46	1.26	0.62
Psychiatric	33.04	24.77	40.48	18.79	27.34	24.30	20.71	22.24	32.08	63.12	22.30	25.22
Substance abuse	0.85	1.03	0.86	0.31	0.55	0.78	2.60	0.67	1.55	3.24	1.17	0.59
Physical Health Conditions												
Infectious disease	2.67	2.66	1.02	0.92	1.36	6.47	6.07	6.44	3.40	2.32	10.18	1.64
Cancer	2.41	2.65	1.98	1.65	2.28	0.91	1.17	0.84	0.90	0.77	0.92	0.57
Metabolic	11.59	7.59	5.70	7.59	12.82	2.96	3.02	3.31	2.42	6.17	3.80	2.49
Diabetes	1.56	1.38	1.55	1.77	1.09	1.16	1.81	1.26	1.97	0.95	1.10	1.02
Hematological	3.79	1.96	1.40	0.98	1.59	1.94	2.10	2.15	2.09	1.37	2.10	1.16
Nervous system	41.21	36.26	27.78	40.21	47.02	17.61	17.45	18.76	17.53	22.69	16.41	17.69
Eye	1.28	0.81	0.75	0.43	1.02	0.39	0.48	0.48	0.37	0.65	0.52	0.17
Cardiovascular	9.39	6.95	5.31	3.79	6.48	4.45	5.75	4.87	5.47	4.34	5.59	2.94
Cerebrovascular	1.81	1.38	0.89	0.92	1.64	0.29	0.38	0.33	0.33	0.49	0.43	0.11
Pulmonary	23.12	18.51	11.51	9.91	13.38	40.50	38.49	38.34	29.98	18.56	36.56	30.85
Gastrointestinal	11.07	7.89	6.53	5.39	9.19	14.38	13.47	17.07	14.98	6.96	20.29	7.27
Genital	1.24	0.73	0.48	0.31	0.70	1.29	1.83	1.22	1.90	1.12	1.58	0.59
Renal	9.17	9.22	6.64	2.69	9.20	5.96	6.83	6.43	8.42	6.49	6.08	4.87
Skin	4.74	3.04	2.47	1.41	2.94	4.25	4.00	3.79	4.18	3.42	4.18	2.41
Skeletal	12.27	9.61	7.81	7.41	12.02	5.50	6.47	5.72	5.85	6.05	5.93	3.85

Source: MPR analysis of the 1999 and 2000 Medicaid Analytical Extract File.

Note: Children are enrollees 0 through 20 years of age at the end of the calendar year. Enrollees with chronic and disabling conditions were identified by either the Chronic Illness and Disability Payment System (CDPS) or eligibility codes that indicated the enrollee was designated as disabled and receiving cash assistance.

^aDiagnosis codes in inpatient and ambulatory care claims records were used to identify chronic conditions. The groups represent the CDPS condition categories, which are not mutually exclusive and enrollees with multiple conditions may appear in more than one group. Appendix A presents representative diagnoses for each condition category.

^bMost enrollees designated as disabled meet the disability requirements of the federal disability benefit programs, the Supplemental Security Income and Social Security Disability Insurance programs.

^cThe section 1115 demonstration waiver category represents eligibility categories established by a demonstration designed to test policy innovations.

TABLE III.4.2

COMORBIDITIES OF MEDICAID CHILDREN WITH CHRONIC AND DISABLING CONDITIONS IN FEE FOR SERVICE,
BY GENDER AND AGE GROUP
CALENDAR YEAR 2000

Level of Comorbidities	Males						Females					
	Less than 1	1-5	6-12	13-14	15-18	19-20	Less than 1	1-5	6-12	13-14	15-18	19-20
Overall	79,664	478,073	580,559	135,859	202,287	52,538	67,198	370,594	382,444	96,814	201,679	89,114
Number of Chronic Conditions^a												
One	56.90	63.65	65.96	62.84	58.27	44.40	60.38	67.15	69.01	62.84	58.36	55.98
Two	26.81	22.63	21.37	22.24	22.72	21.82	25.37	20.74	19.31	21.99	24.66	24.24
Three	9.27	7.13	6.29	6.56	7.51	9.23	8.09	6.13	5.52	6.68	8.45	8.82
Four or more	5.54	4.28	3.19	3.15	4.04	6.82	4.55	3.73	3.14	3.59	4.42	5.31
Missing	1.49	2.32	3.19	5.22	7.46	17.73	1.63	2.24	3.03	4.91	4.12	5.65
Co-Occurring Mental and Physical Health Conditions												
Yes	1.26	5.79	19.06	20.29	19.93	20.47	1.31	4.17	13.57	17.68	19.64	16.85

Source: MPR analysis of the 1999 and 2000 Medicaid Analytical Extract Files.

Note: Children are enrollees 0 through 20 years of age at the end of the calendar year. Enrollees with chronic and disabling conditions were identified by either the Chronic Illness and Disability Payment System (CDPS) or eligibility codes that indicated the enrollee was designated as disabled and receiving cash assistance.

^aThe number of chronic conditions is based on the count of 18 different CDPS conditions categories, which were identified using diagnosis codes in inpatient and ambulatory care claims records.

TABLE III.4.4

COMORBIDITIES OF MEDICAID CHILDREN WITH CHRONIC AND DISABLING CONDITIONS IN FEE FOR SERVICE,
BY MEDICAID ELIGIBILITY CATEGORY
CALENDAR YEAR 2000

Level of Comorbidities	Disabled ^a					Not Disabled						
	Cash	Medically Needy	Poverty-related	Section 1115 ^b	Other	Cash	Medically Needy	Poverty-related	Section 1115 ^b	Foster Care	Other	Unknown
Overall	489,303	20,870	14,678	1,634	48,518	555,260	86,321	1,078,417	24,359	204,161	211,129	3,533
Number of Chronic Conditions^c												
One	39.8	11.5	44.2	49.9	38.6	69.5	69.0	72.3	73.1	61.4	67.7	58.8
Two	25.7	22.5	20.3	17.1	26.0	20.9	20.5	20.4	20.6	24.3	22.2	15.9
Three	13.1	10.4	8.6	4.7	12.5	5.1	5.1	4.8	4.4	7.8	6.0	3.1
Four or more	11.5	7.9	5.8	2.3	9.0	1.7	1.8	1.7	1.5	4.1	2.3	0.9
Missing	10.0	47.8	21.1	25.9	13.9	2.9	3.6	0.9	0.4	2.4	1.8	21.2
Co-occurring Mental and Physical Health Conditions												
Yes	25.1	20.9	19.1	9.9	25.1	9.2	8.4	8.0	11.3	24.4	8.7	7.6

Source: MPR analysis of the 1999 and 2000 Medicaid Analytical Extract File.

Note: Children are enrollees 0 through 20 years of age at the end of the calendar year. Enrollees with chronic and disabling conditions were identified by either the Chronic Illness and Disability Payment System (CDPS) or eligibility codes that indicated the enrollee was designated as disabled and receiving cash assistance.

^aMost enrollees designated as disabled meet the disability requirements of the federal disability benefit programs, the Supplemental Security Income and Social Security Disability Insurance programs.

^bThe section 1115 demonstration waiver category represents eligibility categories established by a demonstration designed to test policy innovations.

^cThe number of chronic conditions is based on the count of 18 different CDPS conditions categories, which were identified using diagnosis codes in inpatient and ambulatory care claims records.

TABLE III.6

INPATIENT SERVICE USE BY MEDICAID CHILDREN WITH CHRONIC AND
DISABLING CONDITIONS IN FEE FOR SERVICE
CALENDAR YEARS 1999 AND 2000

Service Use Measure	1999	2000	Enrolled Throughout 1999 and 2000 ^a
Overall	2,594,461	2,738,183	903,018
Inpatient Discharge^b			
None	84.6	85.6	81.0
One	11.7	10.5	11.6
More than one	3.7	3.8	7.4
Number of Inpatient Discharges^b			
In total	559,372	574,849	335,815
Per enrollee	0.2	0.2	0.4
Per enrollee with at least one inpatient discharge	1.4	1.5	2.0
Length of Stay			
Total number of inpatient days	7,057,611	8,658,882	9,328,306
Average length of stay per discharge	12.6	15.1	27.8

Source: MPR analysis of the 1999 and 2000 Medicaid Analytical Extract Files.

Note: Children are enrollees 0 through 20 years of age at the end of the calendar year. Enrollees with chronic and disabling conditions were identified by either the Chronic Illness and Disability Payment System (CDPS) or eligibility codes that indicated the enrollee was designated as disabled and receiving cash assistance.

^aThe data in this column represent average annual rates of use.

^bInpatient discharges include birth and delivery discharges.

