

# Medicaid (Title XIX and Title XXI)

STATE REPORTS – FY 1999

Hawaii

 Division of  
Health Policy Research

SUK-FONG S. TANG, PhD  
BETH K. YUDKOWSKY, MPH

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN™



## **General Information about the MSIS-2082, data source of this report:**

(Available from CMS at URL: <http://cms.hhs.gov/medicaid/msis/mstats.asp>)

**Up to FY 1998** - The HCFA-2082 was an annual State submitted report designed to collect aggregated statistical data on eligibles, recipients, services and expenditures during a Federal fiscal year (i.e., October 1 through September 30). The data reported for each year represented people on the Medicaid rolls, recipients of Medicaid services and the payments for claims adjudicated during the year. The data reflected bills adjudicated, or processed, during the year rather than the services used during the year. States summarized and reported the data processed through their own Medicaid claims processing and payment operations unless they opted to participate in MSIS and the 2082 report was produced by CMS. **Beginning in FY 1999** - As a result of legislation enacted from the Balanced Budget Act of 1997, States are required to submit all their eligibility and claims data on a quarterly basis through the Medicaid Statistical Information System (MSIS). States submit individual eligibility and claims data tapes to CMS on a quarterly basis. The State requirement for the HCFA-Form 2082 has been eliminated.

## **FY 1999 MSIS Caveats and Data Limitations**

(Available from CMS at URL: <http://www.cms.gov/medicaid/msis/caveat99.asp>)

### **GENERAL**

Starting with FFY 1999, states are required to submit all their eligibility and claims data on a quarterly basis through the Medicaid Statistical Information System (MSIS). The State requirement for the HCFA-Form 2082 has been eliminated. Also starting FFY1999, CMS started reporting Title XXI funded Medicaid expansion enrollment and expenditures data on MSIS2082 reports. As a result, use caution when comparing FFY1999 and later Medicaid State Reports to prior years.

The Medicaid Statistical Information System (MSIS) changed significantly in States that had already implemented MSIS in the past year. For many other states, it was a new system in FY 1999. Allowances were made for States unable to provide some data during the first year.

The general quality of the data is only as reliable as the data submitted to CMS by States. Federal edits are performed to validate individual data elements, check consistency between data elements and verify reasonableness of distributions between reporting periods.

Some year-to-year shifts from one Maintenance Assistance Status(MAS) to another MAS or one Basis of Eligibility(BOE) to another BOE could be the result of improved data quality reviews by CMS and their contractor.

There are significant shifts in the service categories because of the addition of a new data element, program type. Some types of service have been moved to program types (i.e., HCBWs, rural and Indian Health clinics and family planning).

Payments, or vendor payments, from MSIS include dollars for all claims adjudicated during the fiscal year. Vendor payments reported include capitated payments for managed care plans.

MSIS payments do not agree with the CMS-64 financial figures because they do not include payments made outside the claims processing system (e.g., payments made to disproportionate share (DSH) hospitals) and differences in accounting time lags.

MSIS slightly understates reporting for children under age 1. Many children born in August and September are omitted from MSIS because these newborns may not be added to the State eligibility file until after the end of the fiscal year.

Some States show more beneficiaries than eligibles for certain cells. This can be a result of expansion of beneficiary counts for services rendered prior to the reporting year or shifts from the unknown categories.

... *to be continued*

**(Continued) FY 1999 MSIS Caveats and Data Limitations** (Available from CMS, at URL: <http://www.cms.gov/medicaid/msis/caveat99.asp>)

Significant shifts in eligibility groupings (MAS and/or BOE) from prior years may have occurred because of improved data reporting and more rigorous data quality reviews.

All separate, or State only, SCHIP enrollees are excluded from the tables. There are no Medicaid dollars associated with these individuals while they are in the separate SCHIP program.

#### **STATE-SPECIFIC**

**New York** submitted three quarters of MSIS data and a hard-copy Form 2082 in lieu of full-year MSIS data for FY 1999. Their annual statistics were estimated by projecting the three-quarter MSIS numbers to the annual hard-copy report totals. MSIS claims records not associated with an eligibility record were excluded from the estimate.

**Maine's** FY 1999 vendor payments have increased 61 percent, or \$458 million, from FY 1998. The most significant increases were in Inpatient services, \$125M, Outpatient and Drugs, \$24M each, and Other Care at \$176M.

**Mississippi's** data system has an age sort problem between poverty-related children and adults. Therefore the proportions of adults and children are inaccurate.

**Nebraska** is transitioning to a new State eligibility system and therefore overreported eligibles in the unknown category.

**North Carolina's** refugees are in unknown MAS/BOE.

**Oklahoma** reports all foster care children in the "children" category.

**Texas'** Dental services increased from \$2 million in FY 1998 for 7,000 beneficiaries to \$135 million for 618,000 beneficiaries in FY 1999. The FY 1999 numbers are more consistent with the dental statistics from the rest of the nation. Texas believes their financial statistics may be understated. The State is investigating the difference.

**Notes:** CMS staff also communicated to AAP Research staff about a number of reporting problems pertaining to PCCM and Capitation payments. For example, some states did not report PCCM payments, while some others stated that PCCM payments were made only for enrollees whose provider actually does case management. There were indications that New York was under reporting capitation payments and including their AIDS case management payments (which included a bundle of services and were much more expensive) as PCCM capitation. Also, the first 3 quarters of North Carolina's FY1999 reports had capitation claims that ranged from \$2-\$101. Starting in the 4<sup>th</sup> quarter of FY1999, they were reporting just over 2 million PCCM cap claims per quarter that were all for \$3 per claim.



# Medicaid State Report

HAWAII, FY 1999\* (October 1, 1998 - September 30, 1999)

Division of  
Health Policy Research

I. MEDICAID* ENROLLEES AND EXPENDITURES	HAWAII			PACIFIC REGION#			UNITED STATES		
A. Federal Medical Assistance Percentage (FMAP)**	50.0% (FY99)	56.3% (FY02)	69.4% (Enhanced)	52.5% (FY99)	54.1% (FY02)	67.8% (Enhanced)	56.6% (FY99)	60.4% (FY02)	72.3% (Enhanced)
B. FY 1999 Total Medicaid Enrollment, Expenditures***	202,912, \$535M			7,948,520, \$20,858M			41,046,846, \$153,479M		
C. Total Medicaid Managed Care^ Enrollment, 06/30/1999 (% of Total Medicaid Enrollment, 06/30/1999)	120,246 ( 78.7% of 152,757 ^^)			3,676,148 ( 58.5% of 6,282,333 )			16,992,535 ( 55.6% of 31,940,188 )		
D. Percent of Births Paid for by Medicaid, 1998^^^	na			40.5%			35.8%		
E. FY 1999 and FY 1995-99 Averaged DSH## Payment	\$0 M		\$0 M	\$2,892 M		\$2,597 M	\$16,160 M		\$14,795 M
F. Enrollee through Age 20, FY 1999, %Population	<u>Enrollees</u>	<u>%Population</u>		<u>Enrollees</u>	<u>%Population</u>		<u>Enrollees</u>	<u>%Population</u>	
Through Age 20	97,259	27.1%		4,406,780	33.2%		22,864,566	29.1%	
Through Age 18	90,984	28.0%		4,143,572	34.4%		21,613,080	30.6%	
Through Age 5	36,582	31.4%		1,634,410	39.7%		8,956,926	39.0%	
Infants	6,487	32.4%		272,683	39.1%		1,748,441	46.1%	
Ages 1 through 5	30,095	31.2%		1,361,727	39.9%		7,208,485	37.6%	
Ages 6 through 18	54,402	26.1%		2,509,162	31.6%		12,656,155	26.6%	
Ages 6 through 14	40,872	25.8%		1,880,053	31.0%		9,572,426	26.7%	
Ages 15 through 18	13,530	27.1%		629,109	33.6%		3,083,729	26.2%	
Ages 19 and 20	6,275	18.6%		263,208	21.3%		1,251,486	15.8%	
G. Enrollment, Expenditures*** and Per-enrollee Payment, by Age, FY 1999	<u>% Total Enrollees~</u>	<u>% Total Expenditures~</u>	<u>Per Enrollee Payment</u>	<u>% Total Enrollees~</u>	<u>% Total Expenditures~</u>	<u>Per Enrollee Payment</u>	<u>% Total Enrollees~</u>	<u>% Total Expenditures~</u>	<u>Per Enrollee Payment</u>
All Ages	100.0%	100.0%	\$2,637	100.0%	100.0%	\$2,624	100.0%	100.0%	\$3,739
Through Age 20	47.9%	29.8%	\$1,638	55.4%	25.9%	\$1,227	55.7%	22.8%	\$1,533
Through Age 18	44.8%	28.0%	\$1,645	52.1%	23.7%	\$1,195	52.7%	20.9%	\$1,483
Through Age 5	18.0%	12.5%	\$1,822	20.6%	8.7%	\$1,112	21.8%	8.5%	\$1,463
Infants	3.2%	2.1%	\$1,763	3.4%	1.3%	\$1,029	4.3%	2.4%	\$2,134
Ages 1 through 5	14.8%	10.3%	\$1,834	17.1%	7.4%	\$1,129	17.6%	6.1%	\$1,300
Ages 6 through 18	26.8%	15.5%	\$1,526	31.6%	15.0%	\$1,250	30.8%	12.4%	\$1,498
Ages 6 through 14	20.1%	11.3%	\$1,480	23.7%	10.6%	\$1,175	23.3%	8.3%	\$1,325
Ages 15 through 18	6.7%	4.2%	\$1,667	7.9%	4.4%	\$1,475	7.5%	4.1%	\$2,033
Ages 19 and 20	3.1%	1.8%	\$1,532	3.3%	2.2%	\$1,731	3.0%	1.9%	\$2,388
Age 21 or Older	52.1%	68.6%	\$3,474	44.6%	69.8%	\$4,111	44.1%	73.7%	\$6,249

Notes: \* Includes Title XIX Medicaid programs and Title XXI funded Medicaid expansions starting FY1999. Use caution when comparing to prior years. # Includes AK, CA, HI, OR & WA. \*\* Regional and US averages of FY99 FMAP are weighted by FY99 expenditures. FY02 and Enhanced FMAPs are unweighted. \*\*\* Expenditures include Medicaid vendor payments, health plan premiums, capitation and HMO payments reported by the states to CMS. See also CMS document 'FY1999 MSIS Caveats and Data Limitation's on FY1999 AAP Medicaid State Reports Web page. ^ Includes Primary Care Case Management. ^^ Point-in-time enrollment on 06/30/99 was 75.3% of total annual enrollment state reported to CMS for FY 1999. ^^ Data unavailable for CO, DC, HI, MS, NE, NJ, OK and VA. ## Disproportionate Share Hospital Payments. -Percents may not sum up to 100% due to missing age information for some service beneficiaries. 'na' Data unavailable.

II. MEDICAID* SERVICE UTILIZATION	HAWAII				PACIFIC REGION				UNITED STATES			
A. Payments by Age and Type of Service**	<u>CHILDREN Under 21</u>		<u>ADULTS</u>		<u>CHILDREN Under 21</u>		<u>ADULTS</u>		<u>CHILDREN Under 21</u>		<u>ADULTS</u>	
Physician Services	0.3%		3.4%		1.0%		2.9%		1.6%		2.5%	
Dental Services	0.0%		<.05%		0.3%		0.2%		0.5%		0.3%	
Clinic Services	<.05%		0.7%		0.7%		1.8%		1.1%		2.1%	
Other Practitioner Services	<.05%		0.2%		0.2%		0.3%		0.1%		0.2%	
Outpatient Hospital	0.3%		3.1%		0.6%		1.8%		1.2%		2.7%	
Inpatient Hospital	2.7%		5.8%		4.1%		9.8%		4.3%		8.9%	
Nursing Home/Intermediate Care	0.4%		26.2%		0.5%		17.3%		0.6%		27.0%	
Mental Health Facility Services	<.05%		0.0%		0.3%		0.1%		0.7%		0.3%	
Personal Care Services	<.05%		0.1%		2.1%		7.3%		2.3%		4.5%	
Home Health Services	0.0%		<.05%		0.5%		0.1%		0.4%		1.5%	
Lab and X-Ray			0.6%		0.2%		1.0%		0.2%		0.6%	
Prescribed Drugs	0.2%		8.1%		1.0%		10.5%		1.4%		9.4%	
Capitated Payment***	25.3%		18.4%		12.9%		10.9%		6.7%		7.2%	
Primary Care Case Management Services***	0.0%		0.0%		<.05%		<.05%		0.2%		0.1%	
Sterilization Services	<.05%		<.05%		<.05%		<.05%		<.05%		0.1%	
Other Care Services--	0.5%		2.1%		1.7%		5.9%		1.6%		6.4%	
<b>All Services--</b>	<b>29.8%</b>		<b>68.6%</b>		<b>25.9%</b>		<b>69.8%</b>		<b>22.8%</b>		<b>73.7%</b>	
B. Average Payments per User of Service and Percent of Enrollees Using Each Service**	<u>CHILDREN Under 21</u>		<u>ADULTS</u>		<u>CHILDREN Under 21</u>		<u>ADULTS</u>		<u>CHILDREN Under 21</u>		<u>ADULTS</u>	
	Per-user	%Use+	Per-user	%Use+	Per-user	%Use+	Per-user	%Use+	Per-user	%Use+	Per-user	%Use+
Physician Services	\$355	4.8%	\$517	33.1%	\$229	21.6%	\$429	21.6%	\$290	37.8%	\$434	48.6%
Dental Services	NA	0.0%	\$83	<.05%	\$244	6.6%	\$326	3.1%	\$205	16.3%	\$233	10.1%
Clinic Services	\$244	1.1%	\$425	8.3%	\$385	8.9%	\$835	12.8%	\$476	15.4%	\$1,063	16.5%
Other Practitioner Services	\$122	1.2%	\$150	8.0%	\$169	4.3%	\$107	14.2%	\$158	6.1%	\$98	13.9%
Outpatient Hospital	\$753	1.9%	\$996	15.8%	\$207	13.7%	\$394	26.5%	\$330	23.7%	\$654	35.1%
Inpatient Hospital	\$14,272	1.0%	\$8,967	3.2%	\$6,949	2.8%	\$5,185	11.2%	\$4,582	6.2%	\$5,071	14.9%
Nursing Home/Intermediate Care	\$92,699	<.05%	\$33,780	3.9%	\$55,918	<.05%	\$22,721	4.5%	\$68,063	0.1%	\$26,447	8.7%
Mental Health Facility Services	\$8,305	<.05%	NA	0.0%	\$28,475	0.1%	\$10,065	<.05%	\$19,071	0.3%	\$15,054	0.2%
Personal Care Services	\$161	<.05%	\$305	1.2%	\$2,155	4.6%	\$3,000	4.6%	\$1,702	9.0%	\$3,619	10.6%
Home Health Services	NA	0.0%	\$582	<.05%	\$7,920	0.3%	\$671	1.2%	\$3,142	0.9%	\$3,835	3.3%
Lab and X-Ray	\$124	2.1%	\$135	20.9%	\$72	11.1%	\$249	23.5%	\$66	17.7%	\$153	30.9%
Prescribed Drugs	\$632	2.1%	\$1,326	31.0%	\$198	22.8%	\$1,274	48.5%	\$228	40.2%	\$1,411	56.5%
Capitated Payment***	\$1,441	96.5%	\$1,411	66.0%	\$761	80.0%	\$843	76.1%	\$840	53.3%	\$1,503	40.6%
Primary Care Case Management Services***	NA	0.0%	NA	0.0%	\$67	0.3%	\$61	0.3%	\$121	12.3%	\$119	5.5%
Sterilization Services	\$22	<.05%	\$274	<.05%	\$84	<.05%	\$299	0.5%	\$737	<.05%	\$975	0.6%
Other Care Services--	\$2,106	1.2%	\$734	14.7%	\$264	29.6%	\$1,163	29.8%	\$669	15.7%	\$2,115	25.8%
<b>All Services</b>	<b>\$1,672</b>	<b>98.0%</b>	<b>\$3,623</b>	<b>95.9%</b>	<b>\$1,369</b>	<b>89.6%</b>	<b>\$4,479</b>	<b>91.8%</b>	<b>\$1,698</b>	<b>90.3%</b>	<b>\$7,005</b>	<b>89.2%</b>

\* Includes Title XIX Medicaid programs and Title XXI funded Medicaid expansions starting FY 1999. Use caution when comparing to prior years. \*\* Services included in each service category are defined in the CMS document: MSIS Tape Specifications and Data Dictionary, pp152-159 (URL: <http://www.cms.gov/medicaid/msis/msisdd99.pdf>). Effective FY 1999, services provided under EPSDT are coded by type of service (as listed on II.A-B of this report). CMS no longer provides EPSDT expenditures and utilization as its own category in MSIS2082 reports. See also CMS document 'FY1999 Caveats and Data Limitations' on FY1999 AAP Medicaid State Reports Web page. \*\*\* See Notes in 'FY1999 Caveats and Data Limitations' on FY1999 AAP Medicaid State Reports Web page. - May include, but are not limited to, Home and Community Waiver, prosthetic devices and eyeglasses. -- Expenditures may not sum to 100% because of missing age and type of service data associated with reported payments. + Sum of percents may exceed 100% since enrollees may use multiple services. 'na' Data unavailable. 'NA' Not applicable.

## REFERENCES:

- IA. Federal Medical Assistance Percentages and Enhanced Federal Medical Assistance Percentages, Effective October 1, 1998-September 30, 1999. [Fiscal year 1999]. Federal Register: November 24, 1997, (Volume 62, Number 22), pp62613-62615. Federal Medical Assistance Percentages and Enhanced Federal Medical Assistance Percentages, Effective October 1, 2001-September 30, 2002. [Fiscal Year 2002]. Federal Register: November 17, 2000 (Volume 65, Number 223), pp69560-69561. [Cited 02/19/2003] Available at URL: <http://aspe.os.dhhs.gov/health/fmap.htm>
- IB. Medicaid Statistical Reports (MSIS/2028 Reports) for Federal Fiscal Year 1999. [Cited 12/01/2002] Available at URL: <http://www.cms.gov/medicaid/msis/msis99sr.asp>
- IC. Center for Medicare and Medicaid Services. Medicaid Managed Care State Enrollment, June 30, 1999. [Cited 03/21/2003] Available at URL: <http://www.cms.gov/medicaid/managedcare/mcsten99.pdf>.
- ID. Medicaid Births as a Percentage of Total Births, 1998 and 1999. Issue Brief. MCH Update 2001. Trends in State Health Insurance Coverage of Pregnant Women, Children and Parents. National Governors' Association Center for Best Practices, May 17, 2002. [Cited 02/12/2003] Available at URL: <http://www.nga.org/cda/files/MCHUPDATE2001.pdf>.
- IE. Financial Management Report for FY 1995-1999. Center for Medicare and Medicaid Services. [Cited 02/11/2003] Available at URL: <http://www.cms.gov/medicaid/mbes/ofs-64.asp>.
- IF. Medicaid Statistical Reports (MSIS/2028 Reports) for Federal Fiscal Year 1999. [Cited 12/01/2002] Available at URL: <http://www.cms.gov/medicaid/msis/msis99sr.asp>. Population Estimates for the US and States by Single Year of Age and Sex: July 1, 1999. Population Division, US Census Bureau. [Cited 10/05/2002] Available at URL: <http://www.census.gov/population/estimates/state/>.
- IIA,B. Medicaid Statistical Reports (MSIS/2028 Reports) for Federal Fiscal Year 1999. [Cited 12/01/2002] Available at URL: <http://www.cms.gov/medicaid/msis/msis99sr.asp>

## CONTACT INFORMATION

Contact Suk-fong Tang, PhD, Division of Health Policy Research, with comments about the report; contact Dan Walter, Division of State Government Affairs, for Medicaid questions and advocacy advice. FY1994 to FY1998 Medicaid State Reports are also available in Adobe Acrobat PDF format on the Research page of the AAP Web site, at <http://www.aap.org/research/medicaid.htm> .