

2015 ACTUARIAL REPORT

ON THE FINANCIAL OUTLOOK
FOR MEDICAID



Office of the Actuary

Centers for Medicare & Medicaid Services

United States Department of Health & Human Services

Report to Congress

2015 ACTUARIAL REPORT ON THE FINANCIAL OUTLOOK FOR MEDICAID

Sylvia Mathews Burwell Secretary of Health and Human Services 2015

2015 ACTUARIAL REPORT ON THE FINANCIAL OUTLOOK FOR MEDICAID

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Office of the Actuary Centers for Medicare & Medicaid Services United States Department of Health & Human Services

STATEMENT FROM THE CHIEF ACTUARY

The Medicaid program is of critical importance to American society. It is the second largest health program as measured by expenditures (second only to Medicare) and the largest as measured by enrollment, and Medicaid represents one-sixth of the health economy. In 2014, its outlays of \$497 billion accounted for a sizeable portion of Federal and State budgets and were a significant source of revenue for health care providers and insurers. As importantly, Medicaid serves as a safety net for the Nation's most vulnerable populations, covering about 64 million beneficiaries in 2014, including those newly eligible under the Medicaid expansion. In this report, we analyze key historical Medicaid trends—both financial and demographic—and include projections of expenditures and enrollment to inform the public and help policy makers gain insight into the future of the program.

Projections of health care costs are inherently uncertain. For Medicaid, such projections present an even greater challenge as enrollment and costs are very sensitive to economic conditions. The economic assumptions used to generate the Medicaid projections in this report are the same as those used by the 2015 OASDI and Medicare Boards of Trustees in their annual reports to Congress.

It is my opinion that (i) the techniques and methodology used herein to project the future costs of the Medicaid program are based upon sound principles of actuarial practice and are generally accepted within the actuarial profession, and (ii) the principal assumptions and resulting actuarial estimates are, individually and in the aggregate, reasonable for the purpose of projecting such costs under current law. Considering the substantial uncertainties inherent in projecting future health care costs, readers should be aware that actual future Medicaid costs could differ significantly from these estimates.

I would like to thank team leader Chris Truffer and team members C.J. Wolfe and Kathryn Rennie for their diligent efforts in preparing this report. We welcome feedback from readers; comments may be sent to Christopher.Truffer@cms.hhs.gov.

Paul Spitalnic, ASA, MAAA Chief Actuary Centers for Medicare & Medicaid Services

EXECUTIVE SUMMARY

The joint Federal-State Medicaid program provides health care assistance to certain low-income people and is one of the largest payers for health care in the United States. This report presents an analysis of past Medicaid trends and 10-year projections of expenditures and enrollment, including the impacts of the 2014 eligibility changes under the Affordable Care Act. Like other projections of future health care costs and coverage, these projections are subject to uncertainty.

HIGHLIGHTS AND FINDINGS

2014 Medicaid Information

- Total Medicaid outlays in Federal fiscal year (FY) 2014 were \$496.3 billion; \$301.5 billion or 61 percent represented Federal spending, and \$194.8 billion or 39 percent represented State spending. Medicaid outlays increased by 8.4 percent between 2013 and 2014 due primarily to Medicaid eligibility expansion under the Affordable Care Act, and Federal Medicaid outlays increased by 13.6 percent.
- Medicaid provided health care assistance for an estimated 64.0 million people on average in 2014, including 4.3 million newly eligible adults in the first 9 months of Affordable Care Act eligibility expansions. Enrollment is estimated to have grown by 9.2 percent between 2013 and 2014; excluding newly eligible adults, enrollment growth is estimated to have been 1.8 percent.
- Per enrollee spending for health goods and services is estimated to have been \$7,315 in 2014. Estimated per enrollee spending for children (\$3,141), nonnewly eligible adults (\$4,914), and newly eligible adults (\$5,488) was much lower than that for aged enrollees (\$15,113) and enrollees with disabilities (\$18,789), reflecting the differing health statuses of, and use of goods and services by, the members of these groups. Per enrollee spending is estimated to have increased 0.1 percent between 2013 and 2014, largely due to the introduction of newly eligible adults, whose per enrollee costs were lower than the average per enrollee cost. (These figures exclude expenditures for U.S. Territories, administration, disproportionate share hospital payments, and unallocated collections and prior period adjustments.) Excluding newly eligible adults, per enrollee costs are estimated to have increased 2.0 percent in 2014.

2015 Medicaid Estimates

• Medicaid expenditures are estimated to have increased 12.1 percent to \$554.3 billion in 2015. Because the Federal government paid for 100 percent of the costs of newly eligible enrollees and the number of these enrollees doubled in 2015, the Federal share of all Medicaid expenditures is estimated to have increased to 63 percent in 2015 (from 61 percent in 2014), and Federal

expenditures are estimated to have grown 16.2 percent to \$347.5 billion. State Medicaid expenditures are estimated to have increased 5.9 percent to \$206.8 billion.

• Average Medicaid enrollment is estimated to have increased 7.7 percent to 68.9 million people in 2015. Nearly all of the growth in enrollment is estimated to have been among newly eligible adults (4.8 million of the 4.9-million increase).

10-Year Medicaid Projections (2015-2024)

- Over the next 10 years, expenditures are projected to increase at an average annual rate of 6.4 percent and to reach \$920.5 billion by 2024.
- Average enrollment is projected to increase at an average annual rate of 1.9 percent over the next 10 years and to reach 77.5 million in 2024.

Impacts of the Eligibility Changes under the Affordable Care Act

- Medicaid expenditures for adults newly eligible under the Affordable Care Act are projected to amount to \$717 billion over the period 2015 through 2024.
 Most of this increase—\$667 billion, or about 93 percent—is projected to be paid by the Federal government.
- The expansion is estimated to have increased average annual enrollment by 4.3 million people in FY 2014 (or 6.3 million in calendar year 2014) and by a projected 11.8 million people by 2024. These estimates are based on 2014 data, preliminary 2015 data, and the assumption that additional States would expand eligibility, such that 45 percent of potentially newly eligible enrollees resided in States that expanded Medicaid eligibility in 2014, 50 percent resided in States that expanded eligibility in 2015 and 2016, and 55 percent reside in States that would expand eligibility by 2017 and later years.
- Most States covered newly eligible adults through managed care programs and used risk mitigation strategies to offset the risks that the costs of the newly eligible adults were greater, or less, than projected. The most common approaches were risk corridors and minimum medical loss ratios. Based on the anticipated results of these approaches in 2014 and 2015, the Federal government is expected to receive payments from managed care plans in 2016 and 2017, reflecting lower beneficiary costs in 2014 and 2015 than were anticipated when the managed care capitation rates were initially developed for those years.

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I. INTRODUCTION

Medicaid is a cooperative program between the Federal and State governments to pay for health care and medical services for certain low-income persons in the United States and its Territories. The Federal and the State governments share responsibilities in designing, administering, and funding the program. The Centers for Medicare & Medicaid Services (CMS) is the agency charged with administering Medicaid for the Federal government.

This is the seventh annual Medicaid report prepared by the Office of the Actuary (OACT) at CMS. Its purpose is to describe the past and projected trends for Medicaid expenditures and enrollment, including estimates for Federal fiscal year (FY) 2015 and projections over the next 10 years. It also describes the data available on Medicaid spending and enrollment, as well as the methodology and assumptions used in the projections. Finally, this report places the Medicaid program within the context of Federal and State government spending and the U.S. health care system.

II. OVERVIEW OF MEDICAID

Authorized by Title XIX of the Social Security Act, Medicaid was signed into law in 1965 and is an optional program for the States. Currently all States, the District of Columbia, and all of the Territories have Medicaid programs.¹

The Federal government establishes certain requirements for the States' Medicaid programs. The States then administer their own programs, determining the eligibility of applicants, deciding which health services to cover, setting provider reimbursement rates, paying for a portion of the total program, and processing claims.

Eligibility for enrollment in Medicaid is determined by both Federal and State law. Title XIX of the Social Security Act specifies which groups of people must be eligible, and States have the flexibility to extend coverage to additional groups. In addition to income, eligibility is typically based on several other factors, including age, disability status, other government assistance, other health or medical conditions such as pregnancy, and in some cases financial resources (or assets). Beginning January 2014, the Affordable Care Act provides the States the authority under their State plans to expand Medicaid eligibility to almost all individuals under age 65 who are living in families with income below 138 percent of the Federal poverty level (FPL) (and who are citizens or eligible legal residents), with the Federal government paying 100 percent of the costs for newly eligible adults.² (In addition, the Affordable Care Act also simplified eligibility processes for most adults, children, and pregnant women who are covered by Medicaid.)

Title XIX specifies that certain medical services must be covered under Medicaid, while also granting the States flexibility to cover many other benefits. Services usually covered include hospital care, physician services, laboratory and other diagnostic tests, prescription drugs, dental care, and many long-term care services. The States also have the options to use managed care plans to provide and coordinate benefits and States may apply for waivers of certain requirements that allow more flexibility in developing specialized benefit packages for specific populations. Generally, States must provide the same benefit package to all core Medicaid enrollees Exceptions to these requirements include the use of waivers, demonstration

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¹ For more information on Medicaid, including information on eligibility and covered services, see B. Klees, C. Wolfe, and C. Curtis, "Brief Summaries of Medicare & Medicaid," November 2015 (https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/MedicareProgramRatesStats/Downloads/MedicareMedicaidSummaries2015.pdf).

² The estimated impacts of the expansion of Medicaid eligibility on enrollment and expenditures are presented in the Actuarial Analysis section of this report. The Affordable Care Act technically specifies an upper income threshold of 133 percent of the FPL but also allows a 5-percent income disregard, making the effective threshold 138 percent. The Supreme Court ruling in *National Federation of Independent Business v. Sebelius*, 132 S. Ct. 2566 (2012), provided that a State may not lose Federal funding for its existing program when it does not implement the Medicaid eligibility expansion under the Affordable Care Act.

projects, and alternative benefit plans; notably, States must provide an alternative benefit plan, including all essential health benefits, to the new adult population under the Affordable Care Act. In addition, there may be limited benefits provided for individuals who are eligible based only on medical need, through Medicare savings programs, or through special family planning groups.³

The Federal government and the States share the responsibility for funding Medicaid. States pay providers or managed care organizations for Medicaid costs and then report these payments to CMS. The Federal government pays for a percentage of the costs of medical services by reimbursing each State; this percentage, known as the Federal Medical Assistance Percentage (FMAP), is calculated annually for each State based on a statutory formula that takes into account State per capita income with some adjustments prescribed by legislation.⁴ Notably, the Affordable Care Act specifies FMAPs for adult beneficiaries who are newly eligible as a result of the Medicaid expansion that began in 2014 (in States that implement the expansion). Additionally, the Federal government pays for a portion of each State's administration costs. Beneficiary cost sharing, such as deductibles or co-payments, and beneficiary premiums are very limited in Medicaid and do not represent a significant share of the total cost of health care goods and services for Medicaid enrollees.

In contrast to the Federal Medicare program, Medicaid's financial operations are not financed through trust funds. Other than a very small amount of premium revenue from enrollees, as noted above, and some other sources of State revenue (such as some provider taxes), there are no dedicated revenue sources comparable to the Medicare Hospital Insurance payroll tax. Medicaid costs are met primarily by Federal and State general revenues, on an as-needed basis; the States may also rely on local government revenues to finance a portion of their share of Medicaid costs. The Federal financing is authorized through an annual appropriation by Congress. These funds are then spent through daily draws from the general fund of the Treasury in the amounts required to pay that day's Federal matching amounts on the State program expenditures. As a result, Medicaid outlays and revenues are automatically in financial balance, there is no need to maintain a contingency reserve, and, unlike Medicare, the "financial status" of the program is not in question from an actuarial perspective.

³ The Medicare Savings Programs provide assistance to low-income aged persons and persons with disabilities for their share of Medicare costs. Different programs cover a combination of the beneficiary's Part A premium, Part B premium, Part A deductible, and Part B cost-sharing requirements.

⁴ In general, Title XIX specifies that the FMAP for each State cannot be lower than 50 percent or higher than 83 percent; in FY 2014, FMAPs ranged from 50.00 percent to 73.05 percent. Also, Title XIX provides for specific FMAP levels for certain States and, in some cases, for specific services or populations.

Medicaid coverage is extremely valuable to the low-income individuals and families who qualify for the health care services provided by the program. By extension, the program is also valuable to society at large, as it enables the least-fortunate members of the population to obtain the health care they need in an orderly way. Furthermore, the program provides financial benefits to entities including governments and health care providers that may otherwise not be compensated for providing health care services to these individuals and families. It is also important, of course, to consider the costs to society of providing this coverage and to anticipate likely future trends in such costs. The balance of this report is intended to describe these trends.⁵

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⁵ This report does not cover expenditures or enrollment under the Children's Health Insurance Program (CHIP), whether such expenditures are made for a program operated under Title XIX or Title XXI of the Social Security Act. CHIP provides health coverage to many children in households with income above Medicaid eligibility levels. CHIP funding is authorized only through 2017. Should CHIP funding not be reauthorized, Federal payment would continue for children enrolled in Medicaid expansion CHIP at the regular Medicaid matching rate. For the purpose of this report, CHIP is assumed to be fully funded through the entire projection period, and there are no assumed increases in Medicaid expenditures or enrollment as a result of the expiration of CHIP funding.

III. ACTUARIAL ANALYSIS

A. FISCAL YEAR 2014 MEDICAID OUTLAYS AND ENROLLMENT

The Federal government and the States collectively spent \$496.6 billion for Medicaid in 2014. Of this amount, the Federal government paid \$301.5 billion, representing about 61 percent of net program outlays, and the States paid \$194.8 billion, or about 39 percent of net outlays. Table 1 summarizes total Medicaid outlays for 2014.

Table 1—Medicaid Outlays for Fiscal Year 2014 by Type of Payment

(in billions)								
Title XIX Outlays1	Federal Share	State Share	Total					
Medical Assistance Payments:								
Acute Care Benefits ²	\$91.7	\$60.4	\$152.1					
Long-Term Care Benefits ²	66.2	50.0	116.2					
Capitation Payments and Premiums ²	120.3	71.3	191.6					
Disproportionate Share Hospital (DSH)								
Payments ²	10.2	7.9	18.1					
Adjustments ³	-5.2	-4.0	-9.2					
Subtotal, Medical Assistance Payments	283.2	185.6	468.8					
Administration Payments	15.2	9.2	24.4					
Vaccines for Children Program	3.8	_	3.8					
Gross Outlays	302.2	194.8	497.0					
Collections ⁴	-0.7	_	-0.7					
Net Outlays	301.5	194.8	496.6					

Totals may not add due to rounding.

The great majority of Medicaid spending—94 percent of total outlays in 2014—was for medical assistance payments. In table 1, these payments are divided into four major categories: acute care, long-term care, capitation payments and premiums, and disproportionate share hospital (DSH) payments.

Acute care includes fee-for-service spending for inpatient and outpatient hospital care, physician and other medical professional services, prescription drugs, dental care, laboratory and imaging tests, mental hospital services, and case management costs, as well as coinsurance payments for beneficiaries in managed care plans. Long-term care fee-for-service includes spending on nursing home services, home health care, intermediate care facility services, and home and community-based services. Capitation payments and premiums include premiums paid to Medicaid managed care plans, pre-paid health plans, other health plan premiums, and premiums for Medicare Part A and Part B. DSH payments are provided to certain hospitals that

¹ Federal outlays are the funds drawn from the U.S. Treasury by the States. The State and total outlays are estimated, reflecting spending as reported by the States for the purposes of drawing Federal funding from the U.S. Treasury. Expenditures represent the spending as it was paid by the State to health care plans or providers. While expenditures and outlays are generally similar, they are not equal mainly due to the timing differences between the States paying for services and the States receiving Federal funds. Neither outlays nor expenditures include Title XIX costs in support of the Children's Health Insurance Program.

² Benefit expenditures as reported on the CMS-64 (Net Services).

³ Adjustments include net adjustments of benefits from prior periods and the difference between expenditures and outlays.

⁴ Collections from Medicare Part B for the Qualifying Individuals (QI) program and from other miscellaneous sources.

have furnished care for a significant number of uninsured persons and Medicaid beneficiaries and that have acquired, as a result, a substantial amount of uncompensated care costs.

Of these four categories, capitation payments and other premiums represented the largest portion of Medicaid spending in 2014, accounting for \$191.6 billion or 41 percent of Medicaid benefit expenditures. This was a significant increase over 2013, largely driven by newly eligible individuals, as the majority of the enrollees were covered by managed care plans. Fee-for-service acute care expenditures were the next largest expenditure category, constituting \$152.1 billion or 32 percent of benefit expenditures. Medicaid spending for fee-for-service long-term care amounted to \$116.2 billion, representing 25 percent of expenditures on benefits, and DSH payments accounted for \$18.1 billion, or 4 percent, of Medicaid benefits in 2014.

Medicaid outlays for program administration totaled \$24.4 billion in 2014—\$15.2 billion in Federal outlays and \$9.2 billion in State outlays—and represented 5 percent of Medicaid outlays. Included in administration outlays were \$2.4 billion in health information technology incentive payments to providers. Medicaid also provided \$3.8 billion in 2014 for the Vaccines for Children program.

Enrollment is measured as "person-year equivalents," or the average enrollment over the course of a year. In 2014, Medicaid enrollment was estimated to be 64.0 million (including enrollment in the U.S. Territories).8

Table 2 shows estimated enrollment and expenditures by eligibility group for 2014. Historically, children have been the largest group of Medicaid enrollees. In 2014, children are estimated to have numbered 27.5 million, representing 43 percent of overall Medicaid enrollment. There were an estimated 15.0 million non-newly eligible adults (23 percent of enrollment) and an estimated 4.3 million newly eligible adults (7 percent). Finally, enrollees with disabilities and aged enrollees are estimated to have numbered 10.2 million and 5.4 million (16 percent and 8 percent of Medicaid enrollment, respectively). Another 1.5 million enrollees (2 percent) were estimated

include payments to States to administer the health information technology incentive payment program.

⁶ Health information technology incentive payments were provided for by the American Recovery and Reinvestment Act of 2009 and are paid entirely by the Federal government. This figure does not

⁷ The Vaccines for Children program is administered by the Centers for Disease Control and Prevention and provides vaccines for children enrolled in Medicaid, as well as for other children who might otherwise not be able to afford vaccines. All Vaccine for Children program costs are paid by the Federal government.

⁸ Past reports have provided figures for "ever-enrolled" enrollment, or the number of people who were enrolled at any time during the year. As no data are currently available that show the number of newly eligible adults who were ever-enrolled, and since there is no historical experience with this population, this report does not provide an estimate of ever-enrolled enrollment for 2014.

for the five U.S. Territories with Medicaid programs (Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, and the Northern Mariana Islands).

Table 2—Estimated Enrollment, Expenditures, and Per Enrollee Expenditures, by Enrollment Category, Fiscal Year 2014

			Dor Enrolles	Per Enrollee	
	- II	–	Per Enrollee		D
	Enrollment ¹	Expenditures	Spending	Spending	Percent
Eligibility Group	(in millions)	(in billions)	(2014)	(2013)	Change
Children	27.5	\$86.5	\$3,141	\$2,960	6.1%
Adults	15.0	73.6	4,914	4,580	7.3%
Expansion Adults	4.3	23.9	5,488	_	_
Persons with Disabilities	10.2	192.1	18,789	18,969	-0.9%
Aged	5.4	81.7	15,113	15,423	-2.0%
Subtotal	62.5	457.8	7,324	7,318	0.1%
Territories ²	1.5	2.1	1,384	_	_
Collections and			,		
Adjustments		-7.9	_	_	_
DSH		18.1	_	_	_
Administration	_	24.4	_	_	_
Total	64.0	494.5	7,724	7,773	-0.6%

Totals may not add due to rounding.

The average per enrollee cost for 2014 is estimated to have been \$7,324 (including Federal and State shares, based on person-year equivalent enrollment and excluding DSH outlays, Territorial enrollees and costs, adjustments, and administration costs). In estimated average benefits for 2014, children in Medicaid received \$3,141, nonnewly eligible adults received \$4,914, and newly eligible adults received \$5,488.9 In all three instances, these average costs reflect the relatively favorable health status of the enrollment groups; however, among adult enrollees, a significant number are pregnant women, whose costs are on average relatively greater. As would be expected, expenditures are substantially greater for the aged and persons with disabilities; aged beneficiaries received an estimated \$15,113 in benefits on average, and beneficiaries with disabilities are estimated to have received an average of \$18,789 in benefits.¹⁰

¹Measured in person-year equivalents.

² Territory enrollment is estimated and based on the data reported in the CMS-64. Expenditures reflect only the amounts paid by the Federal government and the corresponding Territory share; some Territory programs spend additional amounts beyond what is covered by the Federal allotments and Territory share. As no source of Territory enrollment data is available for 2013, per enrollee costs for 2013 are not shown.

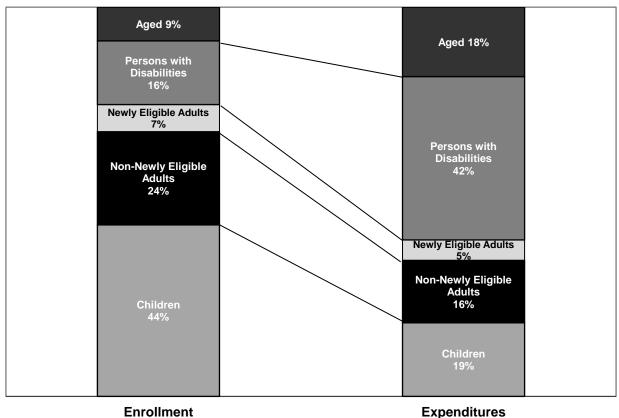
⁹ The costs of newly eligible adults in 2014 may reflect pent-up demand and persons with relatively greater health care needs enrolling more quickly; however, there is still uncertainty about the actual costs of this population, which is described later in this report.

¹⁰ The average per enrollee costs may also vary substantially among States. These variations may reflect differences in State Medicaid programs (for example, eligibility levels, benefits offered, provider reimbursement rates, or program design) and differences in the overall health care market across States.

Territory per enrollee expenditures (\$1,384 in 2014) are less than those of other populations covered by Medicaid, as costs of care are lower in the Territories and fewer services are provided by Territory programs. In addition, these amounts reflect only the Federal allotments and the Territory expenditures necessary to draw down those allotments; some Territory programs spend above this amount for their Medicaid programs.

Figure 1 shows each enrollment group's relative share of enrollment and expenditures in Medicaid in 2014. While enrollees with disabilities and aged enrollees are the smallest enrollment groups in Medicaid, they account for the majority of spending. Conversely, children and adults are the largest enrollment groups in Medicaid, but they receive a relatively smaller share of expenditures.

Figure 1—Estimated Medicaid Enrollment and Expenditures by Enrollment Group, as Share of Total, Fiscal Year 2014



Note: Totals and components exclude DSH expenditures, Territorial enrollees and expenditures, and adjustments. Totals may not add to 100 percent due to rounding.

Combined, spending on aged beneficiaries and beneficiaries with disabilities constituted 60 percent of Medicaid benefit expenditures in 2014, but these groups accounted for only 25 percent of all enrollees. Children and adults represented 75 percent of all enrollees in 2014, while only 40 percent of benefit expenditures were for enrollees in these two groups.

These differences between the relative shares of enrollment and expenditures result from per enrollee costs that vary dramatically among the enrollment groups. The differences in average costs, while substantial, actually understate the impact of differences in health status for these groups. In particular, Medicaid pays almost all health care costs for enrolled children and adults. However, many aged beneficiaries or beneficiaries with disabilities are also enrolled in Medicare, which is the primary payer of benefits before Medicaid; thus, the per enrollee Medicaid estimates are less than the total cost of such beneficiaries' annual health care across all payers.¹¹

With the start of the eligibility expansion provided for by the Affordable Care Act, expenditures and enrollment grew more quickly in 2014 than in recent years. Expenditures increased 8.5 percent, as compared to 5.7 percent in 2013, and enrollment is estimated to have grown 9.2 percent. The increase in expenditures and enrollment in 2014 is mostly attributable to newly eligible adults receiving coverage throughout the year. 12

Per enrollee benefit costs are estimated to have increased slightly (from \$7,318 to \$7,324, or 0.1 percent higher than in 2013), as costs for newly eligible adults were lower than the average Medicaid costs per enrollee. Excluding newly eligible adults and their benefit costs, Medicaid expenditures for all other populations increased only 2.9 percent in 2014 while enrollment increased 0.9 percent, resulting in per enrollee cost growth of 2.0 percent.¹³

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¹¹ In 2011, Medicaid expenditures for persons eligible for Medicare and full Medicaid benefits (full-benefit dual-eligible beneficiaries) amounted to \$112.0 billion, and Medicare expenditures for these persons were \$140.9 billion, for a total of \$252.9 billion in expenditures between both programs. Medicaid accounted for about 44 percent of the total spending on full-benefit dual-eligible beneficiaries. In addition, for persons eligible for Medicare and limited Medicaid benefits (generally payments for Medicare premiums or cost sharing), Medicaid benefits are typically an even smaller proportion of their total benefits (\$2.1 billion of \$41.5 billion, or about 5 percent, in 2011). See Exhibit 3 in *Data Book: Beneficiaries Dually Eligible for Medicare and Medicaid*, Medicare Payment Advisory Commission and Medicaid and CHIP Payment and Access Commission, 2016.

¹² There are some differences between Medicaid outlays and Medicaid expenditures, mainly due to timing differences between States paying for services and States receiving Federal funds. Thus, the levels and trends in outlays and expenditures differ slightly.

¹³ These results do not account for any additional administrative costs that may be associated with newly eligible adults, nor do they account for the enrollment and costs of newly eligible adults who had been previously enrolled in 2013 (for example, those adults covered under eligibility expansions prior to 2014).

B. HISTORICAL MEDICAID TRENDS

Since the start of the program, the year-to-year growth rates of total Medicaid expenditures (Federal and State expenditures combined) and enrollment have varied substantially, as can be seen in figure 2 and figure 3. The growth in expenditures over time reflects growth in the number of enrollees in the program and growth in the cost per enrollee. Enrollment growth is a result of a change in the number of people eligible and electing to participate in the program, but it is also strongly influenced by legislative changes to the eligibility criteria. Similarly, per enrollee costs vary over time due to changes in the use of medical services and the prices paid to providers of health care services and supplies, as well as legislative and other policy changes to the benefits offered by State Medicaid programs.

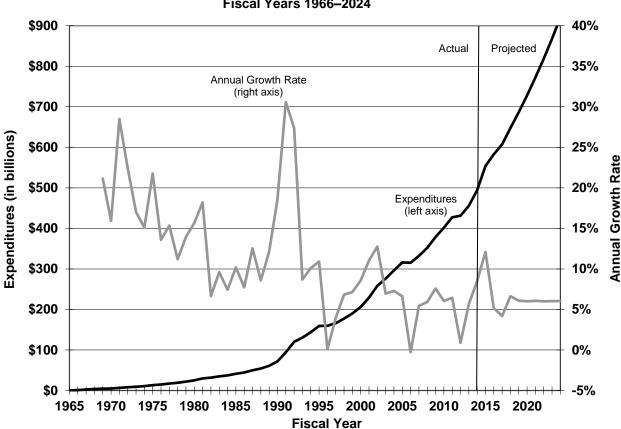


Figure 2—Historical and Projected Medicaid Expenditures and Annual Growth Rates, Fiscal Years 1966–2024

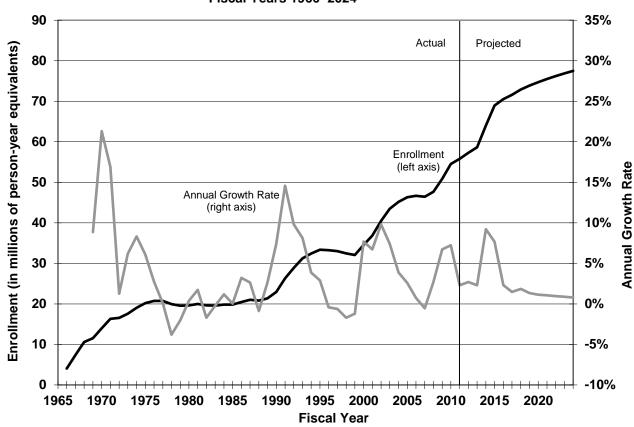


Figure 3—Historical and Projected Medicaid Enrollment and Annual Growth Rates, Fiscal Years 1966–2024

From 2005 to 2014, Medicaid expenditures grew at an average annual rate of 5.3 percent, but annual growth rates varied substantially over the last 10 years (from -0.3 percent in 2006 to 8.5 percent in 2014). Growth in health care expenditures is driven primarily by several key factors: growth in the population, changes in the use of health care services, and changes in the prices of health care services. In addition to these, several other factors affected Medicaid expenditure trends in recent history.

Federal legislation had a significant effect on historical expenditure trends. The Medicare Modernization Act of 2003 created the Medicare Part D program, and in 2006 most prescription drug coverage for dual-eligible beneficiaries (those eligible for both Medicaid and Medicare) shifted from Medicaid to Medicare Part D. All dual-eligible beneficiaries were automatically enrolled in Part D, and Medicare served as the primary source of their prescription drug coverage. As a result of this shift in coverage, Medicaid drug spending (net of rebates) decreased 46 percent from 2005 to 2006, and aggregate Medicaid spending was 0.3 percent *lower* than in 2005, decreasing for the first time in the program's history.

The American Recovery and Reinvestment Act of 2009 provided for temporary increases in the Federal share of Medicaid payments in 2009, 2010, and 2011, as well as for health information technology incentive payments that were funded entirely

by the Federal government. While the increase in the Federal share of Medicaid payments was significant, it is not estimated to have affected total Medicaid expenditure growth in those years.

The Affordable Care Act also had a number of provisions that affected Medicaid starting in 2010; however, most of the changes to the Medicaid program through 2013 are estimated to have had only minor effects on Medicaid expenditure growth rates. In 2014, the expansion of eligibility to most adults with incomes less than 138 percent of the FPL led to a significant increase in expenditures and enrollment.

Medicaid expenditure growth is also affected by States' decisions in operating their programs. In the past, States took steps to control the costs of their Medicaid programs, especially during periods of relatively faster growth, and many States have taken such steps to slow the rate of expenditure growth in recent history. ¹⁴ Common methods have included freezing or reducing provider reimbursement rates and limiting or curtailing optional health care benefits. States also have used managed care and alternative care delivery approaches to manage costs in their Medicaid programs.

Medicaid enrollment grew at an average annual rate of 3.6 percent from 2005 to 2014. Annual growth rates varied substantially, from a low of -0.5 percent in 2007 to a high of 9.2 percent in 2014. Changes in Medicaid enrollment were generally driven by population growth and by changes in economic growth and unemployment rates. In general, Medicaid enrollment increases more quickly during economic recessions, and growth slows as the economy expands. Faster Medicaid enrollment growth in turn typically leads to increases in expenditure growth. Medicaid enrollment and expenditure trends followed these historical patterns during the 2001 recession and the 2007-2009 recession and during the subsequent economic recoveries. The Affordable Care Act provided for an expansion of Medicaid eligibility, which contributed to the substantial increase in enrollment in 2014.

¹⁴ These State actions are well documented in the annual 50-State survey of Medicaid programs conducted by the Kaiser Family Foundation; see V. Smith, *et al.*, "Medicaid Reforms to Expand Coverage, Control Costs and Improve Care: Results from a 50-State Medicaid Budget Survey for State Fiscal Years 2015 and 2016," Kaiser Family Foundation, October 2015.

C. MEDICAID EXPENDITURES AND ENROLLMENT PROJECTIONS, FISCAL YEARS 2015–2024

The projections presented in this report reflect Medicaid medical assistance payments (or "benefit" expenditures) and Medicaid enrollment. Administration costs are also included and are based on the projections from the President's Fiscal Year 2017 Budget, as well as on administrative cost data reported to CMS. 15 Other Title XIX expenditures (such as the Vaccines for Children program) are not included. Historical and projected Medicaid expenditures for medical assistance payments and administration are shown in table 3.16,17

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¹⁵ The projections of administration expenditures are based on the projected trends for Medicaid administration outlays in the President's Budget but are adjusted to be consistent with the expenditures reported in the CMS-64; total expenditures are also projected for administration, whereas the President's Budget projects only Federal outlays.

¹⁶ In table 5, enrollment and expenditure data for the period 1966-1976 have been revised to be consistent with the current definition of the Federal fiscal year (October-September).

¹⁷ There are differences between Medicaid outlays and Medicaid expenditures, mainly due to timing disparities between States paying for services and States receiving Federal funds. Thus, the levels and trends in outlays and expenditures differ slightly, and the amounts shown in table 5 differ from those shown in table 3.

Table 3—Historical and Projected Medicaid Enrollment and Expenditures and Average Federal Share of Expenditures, Selected Years (Enrollment in millions of person-year equivalents, expenditures in billions of dollars)

Fiscal		Tota	al Expenditu	ıres	Benefit Expenditures		Administration Expenditures			Avg. Federal	
Year	Enrollment	Total	Federal	State	Total	Federal	State	Total	Federal	State	Share
Historica	al data:										
1966	4.0	\$0.9	\$0.5	\$0.4	\$0.9	\$0.4	\$0.4	\$0.0	\$0.0	\$0.0	50%
1970	14.0	5.1	2.8	2.3	4.9	2.6	2.2	0.2	0.1	0.1	54%
1975	20.2	13.1	7.3	5.9	12.6	6.9	5.6	0.6	0.3	0.3	55%
1980	19.6	25.2	14.0	11.2	24.0	13.3	10.7	1.2	0.7	0.5	55%
1985	19.8	41.3	22.8	18.4	39.3	21.7	17.6	2.0	1.2	0.8	57%
1990	22.9	72.2	40.9	31.3	68.7	38.9	29.8	3.5	2.0	1.5	57%
1995	33.4	159.5	90.7	68.8	151.8	86.5	65.3	7.7	4.2	3.4	57%
2000	34.5	206.2	117.0	89.2	195.7	111.1	84.6	10.6	5.9	4.7	57%
2005	46.3	315.9	180.4	135.5	300.7	172.1	128.7	15.1	8.3	6.8	57%
2006	46.7	315.1	179.3	135.8	299.0	170.6	128.5	16.0	8.7	7.3	57%
2007	46.4	332.2	189.0	143.2	315.8	180.0	135.8	16.4	9.0	7.5	57%
2008	47.7	351.9	200.2	151.7	334.2	190.6	143.6	17.7	9.6	8.1	57%
2009	50.9	378.6	246.3	132.3	360.3	236.3	124.0	18.3	10.0	8.3	65%
2010	54.5	401.5	269.8	131.7	383.6	260.0	123.6	17.9	9.8	8.1	67%
2011	55.8	427.4	270.7	156.7	407.9	259.8	148.1	19.5	10.9	8.6	63%
2012	57.3	431.2	248.9	182.3	409.0	235.2	173.9	22.2	13.7	8.4	58%
2013	58.6	455.6	262.7	192.9	432.7	248.5	184.2	22.9	14.2	8.7	58%
2014	64.0	494.5	299.1	195.3	470.0	283.9	186.1	24.4	15.2	9.2	61%
Projection	ons:										
2015	68.9	554.3	347.5	206.8	527.5	331.1	196.4	26.8	16.3	10.5	63%
2016	70.5	582.8	364.3	218.6	554.9	346.8	208.1	28.0	17.5	10.5	63%
2017	71.6	607.2	374.0	233.2	578.4	356.1	222.3	28.8	17.9	10.9	62%
2018	72.9	647.5	400.1	247.4	617.5	381.6	235.9	30.0	18.5	11.5	62%
2019	73.9	686.9	424.0	262.9	655.8	404.9	250.9	31.1	19.2	12.0	62%
2020	74.7	728.2	446.3	281.9	695.7	426.3	269.4	32.5	20.0	12.5	61%
2021	75.5	772.3	472.7	299.6	738.4	451.8	286.5	34.0	20.9	13.1	61%
2022	76.2	818.7	501.0	317.7	783.3	479.3	304.0	35.5	21.8	13.7	61%
2023	76.9	868.0	531.2	336.9	831.0	508.4	322.6	37.0	22.7	14.3	61%
2024	77.5	920.5	563.2	357.3	881.9	539.5	342.4	38.7	23.7	14.9	61%

Note: Enrollment is estimated for 2012, 2013, and 2014.

Expenditures

Total Medicaid expenditures (Federal and State combined) for medical assistance payments and administration are estimated to have grown 12.1 percent in 2015 to \$554.3 billion and are projected to reach \$920.5 billion by 2024, increasing at an average rate of 6.4 percent per year over the next 10 years. Federal government spending on Medicaid medical assistance payments and administration costs is estimated to have increased by 16.2 percent to \$347.5 billion in 2015, representing 63 percent of total Medicaid benefit expenditures. Federal spending on Medicaid is projected to reach \$563.2 billion by 2024, or 61 percent of total spending. State Medicaid expenditures for benefits and administration are estimated to have increased to \$206.8 billion in 2015, a growth rate of 5.9 percent, and are projected to reach \$357.3 billion by 2024.

The Affordable Care Act contains many Medicaid provisions, most of which were implemented by 2014 and are expected to significantly influence future Medicaid expenditure trends. Included in these provisions is a substantial increase in Medicaid eligibility that began in 2014. The impacts of the increase in Medicaid eligibility are presented in more detail in the next section.

In recent history, the average annual Federal share has been about 57 percent of total expenditures, with several years of greater Federal shares due to changes specified in legislation. Over the next 10 years, the Federal share of Medicaid expenditures is projected to vary because of several acts of legislation. The average Federal share was 58 percent in 2013 and increased to 61 percent in 2014 due mainly to the higher FMAP for newly eligible Medicaid beneficiaries. In 2015, the average Federal share is estimated to have increased to 63 percent, and it is expected to decline to 61 percent by 2021 and to remain at that level through 2024. This decrease in the average Federal matching rate is a result of the legislated decrease in expansion matching, as costs for the newly eligible adults are matched at 100 percent through 2016 but are set to decrease gradually to 90 percent by 2020.

Total Medicaid expenditures (Federal and State combined) for medical assistance payments, excluding those for administration, are estimated to have grown 12.2 percent in 2015 to \$527.5 billion. This is a faster rate of growth than in 2014 (8.6 percent) and reflects a substantial acceleration from the growth rates in previous years. Medicaid expenditures on such payments are projected to reach \$881.9 billion by 2024, increasing at an average rate of 6.5 percent per year over the next 10 years. Federal government spending on these Medicaid payments is estimated to have been \$331.1 billion in 2015 and is projected to grow to \$539.5 billion by 2024.

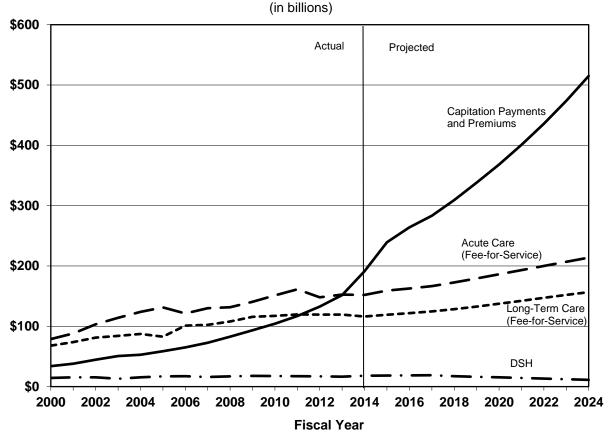
Continued growth in Medicaid benefit expenditures in 2015 is largely attributable to the Medicaid eligibility expansion, which began on January 1, 2014 under the Affordable Care Act. The majority of the projected acceleration was driven by newly eligible enrollees, with an increase in both the number of enrollees and the per enrollee costs.

Administration costs are estimated to have amounted to \$26.8 billion in 2015, reflecting an increase of 9.8 percent. This growth follows a smaller increase in 2014 of 6.5 percent. The projected growth is expected to have been driven by additional administration costs associated with continued increases in enrollment and expenditures in 2015 related to Medicaid expansion, while health information technology incentive payments are expected to have decreased from \$2.4 billion in 2014 to \$1.7 billion in 2015. Administration costs are projected to reach \$38.7 billion by 2024, growing at an average annual rate of 4.7 percent. While administrative costs are estimated to have constituted 4.8 percent of total Medicaid costs in 2015, this percentage is projected to decline to 4.2 percent by 2024.

Figure 4 shows historical and projected Medicaid benefit expenditures by four major categories of services: acute care fee-for-service, long-term care fee-for-service, capitation payments and premiums, and DSH.¹⁸

¹⁸ The data for selected figures in the report can be found in section D of the Appendix.

Figure 4—Past and Projected Medicaid Expenditures for Medical Assistance Payments, by Type of Payment, Fiscal Years 2000–2024¹⁹



Over the next 10 years, expenditures for capitation payments and premiums are expected to grow faster than expenditures for the other major Medicaid service categories, as shown in figure 4. These expenditures are projected to grow 10.4 percent per year on average from 2015 to 2024 (from \$191.6 billion in 2014 to \$514.9 billion in 2024), which would be 3.9 percentage points faster than overall Medicaid benefit growth. Relatively faster projected growth in these payments is driven by the Medicaid eligibility expansion under the Affordable Care Act, since most of the newly eligible adults are enrolled in managed care plans. Moreover, expenditures for capitation payments and premiums have grown substantially more quickly than other service expenditures in recent history, as States have increased utilization of managed care, particularly for their aged enrollees and persons with disabilities. From 2001 to 2013—prior to Medicaid expansion in 2014—Medicaid payments for managed care plans and other premiums grew on average 12.3 percent per year, faster than overall Medicaid benefit expenditures (6.5 percent). In 2014 alone, these payments increased by 26.2 percent, due primarily to the aforementioned expansion enrollees. The use of managed care plans within Medicaid has increased

 $^{^{19}}$ The data for this graph can be found in table 17 in section D of the Appendix.

over time, with 77 percent of enrollees covered by at least one managed care program and 61 percent covered by a comprehensive managed care program in 2014.²⁰ The increase in the use of managed care programs accounts for much of the difference between the capitation payment and overall Medicaid expenditure growth rates; however, this increase does not necessarily account for the differences in per enrollee cost growth between those enrolled in managed care and those not enrolled.

Acute care fee-for-service expenditures are projected to grow at an average rate of 3.5 percent per year over the next decade, from \$152.1 billion in 2014 to \$213.8 billion in 2024. In 2015, these expenditures are estimated to have increased by 4.6 percent, a growth rate that is expected to be partly due to the increase in adult enrollees related to the eligibility expansion, as some of their costs were covered through fee-for-service programs (although the majority of the expenditures are expected to be paid under managed care).

Medicaid spending on fee-for-service long-term care is projected to grow by 3.0 percent on average for 2015 through 2024, increasing from \$116.2 billion in 2014 to \$156.6 billion in 2024. Aged enrollees and enrollees with disabilities receive the vast majority of long-term care services, and growth in these expenditures is driven in part by growth in enrollment among these beneficiaries. Newly eligible adults, along with other adults and children, are expected to need very few long-term care services. In recent history, Medicaid expenditures on these services have been flat; from 2010 through 2014, long-term care expenditures decreased at an average rate of 0.2 percent per year, compared to 8.7-percent average annual growth from 2005 through 2009. This deceleration reflects relatively slower growth in reimbursement rates and utilization of long-term care services. Additionally, there has been increased use of managed care for long-term care in Medicaid over the last several years, which has slowed fee-for-service expenditure growth in the program. As a result, the projected growth rate for long-term care expenditures continues to remain low.²¹

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²⁰ Centers for Medicare & Medicaid Services, 2014 Medicaid Managed Care Enrollment Report. https://www.medicaid.gov/medicaid-chip-program-information/by-topics/data-and-systems/medicaid-managed-care/downloads/2014-medicaid-managed-care-enrollment-report.pdf.

²¹ Use of home and community-based services can substantially reduce expenditures for enrollees who would otherwise have had to enter a nursing home or who transition from institutional to community settings. Conversely, the expanding use of these services, by those who would not otherwise have had nursing home care, adds to overall program costs, and may offset some amount of the savings realized by reducing the use of institutional long-term care services. Growth in the use of home and community long-term care reflects the increase in the number of home and community-based waivers in Medicaid. In addition, in *Olmstead v. L.C.*, 119 S. Ct. 2176 (1999), the Supreme Court ruled that, under the Americans with Disabilities Act of 1990, States must provide community-based placement for persons with disabilities when appropriate and consistent with consumer wishes. This ruling is also expected to have led to an increase in non-institutional long-term care expenditures in Medicaid.

Medicaid DSH expenditures are typically expected to grow at the same rate as the Medicaid Federal DSH allotments, which are based on the Consumer Price Index (CPI). The Affordable Care Act, however, prescribes reductions in Medicaid DSH allotments, and subsequent legislation has extended those reductions through 2025.²² Thus, the average growth rate for DSH spending is projected to be −4.7 percent over the next 10 years, with DSH expenditures decreasing from \$18.1 billion in 2014 to \$11.2 billion in 2024.

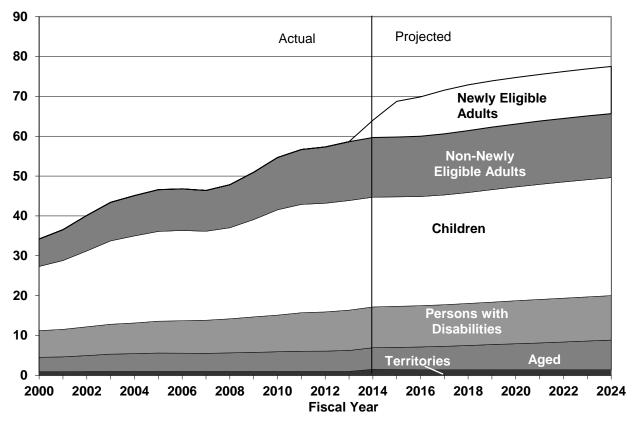
Enrollment

Increasing levels of Medicaid enrollment are expected to contribute to expenditure growth over the next 10 years. Historical and projected Medicaid enrollments are shown by category in figure 5.

²² Reductions to DSH allotments were prescribed under current law for 2017 through 2024. The Medicare Access and CHIP Reauthorization Act of 2015 (Public Law 114-10) delayed the reductions until 2018, made changes to the annual reduction amounts, and extended the reductions through 2025.

Figure 5—Past and Projected Numbers of Medicaid Enrollees, by Category, Fiscal Years 2000–2024²³

(in millions of person-year equivalents)



Total enrollment is estimated to have increased from 64.0 million in 2014 (including 1.5 million enrollees in the U.S. Territories) to 68.9 million in 2015—an increase of 7.7 percent, primarily because of continuing growth among newly eligible adults. Excluding the newly eligible adults, enrollment in 2015 is estimated to have increased by only 0.2 percent, whereas in 2014 non-newly eligible enrollment increased 1.8 percent. While more aged individuals are estimated to have enrolled in 2015, enrollment among all other non-newly eligible populations is expected to have remained level between 2014 and 2015.

Enrollment in 2016 is projected to grow by only 2.3 percent, as the enrollment rate for newly eligible adults is projected to slow and the percentage of people living in States that expand eligibility is not expected to change significantly from 2015 to 2016.

The total number of Medicaid enrollees is projected to increase during 2017 through 2024 at a rate of about 1.2 percent per year, reflecting population growth and an increase in the number of aged enrollees as baby boomers continue to reach age 65. Excluding newly eligible enrollment groups, growth in the number of aged adults is

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²³ The data for this graph can be found in table 18 in section D of the Appendix.

expected to be faster than that for the other categories of enrollment; the average annual growth rate for aged adults is estimated to be 3.2 percent over the next 10 years. By 2024, Medicaid enrollment is projected to increase to 77.5 million.

Per Enrollee Costs

In addition to increases in Medicaid enrollment, the average costs of benefits for all enrollees are projected to increase over the next 10 years. Figure 6 displays historical and projected average Medicaid benefit expenditures per enrollee for all enrollees collectively and by eligibility group.

\$30,000 Actual Projected Persons with Disabilitie \$25,000 Aged \$20,000 \$15,000 Average of All Enrollees \$10,000 Non-Newly Eligible Adults Eligible Adults \$5,000 Children \$0 2005 2007 2009 2013 2015 2017 2019 2021 2011 2023 **Fiscal Year**

Figure 6—Past and Projected Medicaid Expenditures on Medical Assistance Payments Per Enrollee, by Enrollment Category, Fiscal Years 2005–2024²⁴

Note: Per enrollee amounts for 2012, 2013, and 2014 are based on actual expenditures and estimated enrollment.

Per enrollee benefit costs are projected to grow somewhat faster from 2015 through 2024 than they did in the previous 8-year period.²⁵ For aged Medicaid enrollees, benefit costs per enrollee grew from \$15,023 in 2006 to \$15,113 in 2014 (an average annual growth rate of 0.1 percent over the period) and are projected to reach \$22,566

²⁴ The data for this graph can be found in table 19 in section D of the Appendix.

²⁵ The years from 2007 to 2014 are used as a reference as they cover a sufficiently long period to compare long-term trends while excluding the effects of the start of the Medicare prescription drug program in 2006, which significantly lowered Medicaid per enrollee costs, especially for aged enrollees and persons with disabilities.

in 2024 (an average annual rate of 4.1 percent over 2015 to 2024). Similarly, per enrollee benefits costs for persons with disabilities increased from \$15,743 in 2007 to \$18,130 in 2014 (an average annual growth rate of 2.2 percent) and are projected to reach \$30,060 in 2024 (4.8 percent average annual growth over 2015 to 2024).

The slow rate of growth of long-term care expenditures in recent history contributed to limited growth in the benefit costs for aged enrollees and persons with disabilities, as these individuals receive the vast majority of long-term care services. Expenditures for institutional long-term care (primarily nursing facility services) grew very slowly, while costs for community long-term care (including home and community-based waiver services) grew relatively quickly, although the growth rate has decelerated more recently. Slow cost growth for long-term care through fee-for-service programs was partially offset by increasing managed care expenditures, especially for managed long-term care services. During and immediately after the 2007-2009 recession, States took stronger actions to limit Medicaid expenditure growth, including freezing or reducing provider reimbursement rates.²⁶

Aged enrollees and persons with disabilities are projected to experience the lowest average benefit cost growth over the next 10 years compared to other enrollee groups, due in large part to projected relatively slower growth in the cost of long-term care services. States are expected to continue to use more home and community-based long-term care to postpone enrollees' need for long-term care facilities as long as possible. In addition, States are projected to shift long-term care expenditures from fee-for-service programs into managed care. As a result, managed care expenditures are expected to grow more quickly and to constitute a larger share of benefits for aged enrollees and persons with disabilities.

While average benefit cost growth is expected to be slower over the next 10 years for aged enrollees and persons with disabilities than for other populations in Medicaid, it is nevertheless expected to be faster than in recent history. In addition to the deceleration of historical growth by legislative changes that affected Medicaid, States have instituted fewer provider reimbursement rate freezes and reductions and have allowed for more rate increases in 2013 and 2014, and it is expected that these increases will continue in the future.²⁷

Benefit costs per enrollee for adults (excluding the newly eligible) are projected to grow somewhat faster over the next 10 years. Adult per enrollee costs increased from \$3,503 in 2006 to \$4,914 in 2014 (a 4.3-percent annual average growth rate), and they are projected to increase to \$8,266 by 2024 (a 5.3-percent average annual growth rate). Benefit costs per enrollee for children are expected to follow a similar pattern, having grown from \$2,348 in 2006 to \$3,141 in 2014 (a 3.7-percent average annual growth rate), and such costs are projected to grow to \$5,243 by 2024 (a 5.3-percent

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 $^{^{26}}$ V. Smith, $et\ al.$, "Medicaid Reforms to Expand Coverage, Control Costs and Improve Care: Results from a 50-State Medicaid Budget Survey for State Fiscal Years 2015 and 2016." $^{27}\ Ibid.$

average annual growth rate). As was the case for aged enrollees and persons with disabilities, in the past several years States have taken steps to control the Medicaid expenditure growth that occurred during and after the 2007-2009 recession, especially in limiting or reducing provider reimbursement rates.²⁸

Spending for managed care represented over half of Medicaid expenditures for adults and children in 2014, and, for these enrollees, this type of care is expected to be the fastest growing service category over the next 10 years. More recently, States have made fewer provider reimbursement rate reductions and are instituting more rate increases, and together these factors are anticipated to contribute to somewhat faster expenditure growth.²⁹

Although the estimated average benefit costs for newly eligible adults are expected to be greater than those for other adults in 2014 and 2015, such expenditures are projected to ultimately be slightly lower over the next several years. More detail on these projections is provided in the next section of this report.

Enrollment Mix

The growth in average Medicaid benefit expenditures per enrollee for all enrollment categories is significantly affected by the relative proportion of enrollment across these categories. In this report, the "enrollment mix" is defined as the contribution of the change in these relative proportions to the growth in Medicaid benefit expenditures per enrollee. This concept is similar to "age-gender mix" effects in other health care plans or programs (which measure the contribution to health care expenditures of changes in the relative proportion of enrollees by age and by gender in a plan). The enrollment mix differs in that it does not specifically consider gender and considers age in only broad ranges, but it does take into account the disability status of enrollees.

The enrollment mix is an important consideration in analyzing and projecting Medicaid benefit expenditures. While the effects of age-gender mix on other programs are usually relatively small and do not change significantly from year to year, the effect of enrollment mix on Medicaid expenditures can be substantially larger or smaller and may vary greatly from year to year. This variation can occur because Medicaid enrollment categories experience substantially different average costs—average Medicaid costs for aged enrollees and persons with disabilities are much greater than those of child and adult enrollees—and because the enrollment growth for these groups may vary among categories and may fluctuate annually.

For this report, the enrollment mix is measured as the difference between the increase in Medicaid benefit expenditures per enrollee and the increase in Medicaid

 $^{^{28}}$ Ibid.

²⁹ *Ibid*.

benefit expenditures per enrollee if enrollment were held constant each year. To calculate this difference, enrollment was set at 2011 levels for each enrollment category.³⁰

From 2007 to 2014, Medicaid benefit expenditures per enrollee grew at an average annual rate of 2.0 percent (including newly eligible adults). The effects of changes in enrollment mix over this time period reduced spending growth by an average of 0.5 percentage point per year; that is, excluding the impacts of changes in enrollment, Medicaid benefit expenditures per enrollee would have grown 2.5 percent per year. The effects of the changes in enrollment mix on spending ranged from -2.0 percent to 1.0 percent over these 8 years. The negative effects of the changes in enrollment mix were the result of relatively faster enrollment growth for children and adults than for aged enrollees and enrollees with disabilities, especially from 2008 to 2010, and the addition of newly eligible adults in 2014.

Medicaid benefit expenditures per enrollee are estimated to have increased 4.4 percent in 2015 (including newly eligible adults). Excluding the impact of the change in the enrollment mix, Medicaid benefit expenditures per enrollee are estimated to have increased 5.7 percent. This relatively large difference is the result of an increase in the enrollment of newly eligible adults, whose per enrollee costs are estimated to have been relatively lower than the average costs of all enrollees in 2015. Per enrollee expenditure growth was fastest among newly eligible adults (as described more fully in the next section of the report). The average per enrollee cost for all adults is estimated to have increased 12.0 percent in 2015; excluding the newly eligible, the average per enrollee cost for adults is estimated to have grown only 5.0 percent.

While Medicaid benefit expenditures per enrollee are projected to grow more rapidly over the next 10 years at an average annual rate of 4.1 percent, changes in enrollment mix are projected to decrease per enrollee Medicaid expenditure growth by an average of 0.3 percentage point per year over this time period. Consequently, excluding the effect of changes in the enrollment mix, Medicaid benefit expenditures per enrollee are projected to grow at an average annual rate of 4.5 percent.

The small negative impact of enrollment mix is largely attributable to the projected enrollment and costs of the newly eligible adults. The projected enrollment of more newly eligible adults in 2016 and 2017 (with costs that are projected to be less than the average Medicaid cost per enrollee) contributes to negative enrollment mix effects through 2018. After 2018, the enrollment mix effect is projected to be positive (between 0.2 percent and 0.3 percent per year) because the projected growth rate of aged Medicaid enrollees is expected to be faster than that of other populations, as more members of the baby boom generation reach age 65. (Excluding the newly

³⁰ As the base year for enrollment, 2011 was selected because it was the latest year for which complete Medicaid enrollment data were available. A review of the measurement of enrollment mix using other years as the base year showed no significant differences in results.

eligible adults, the projected enrollment mix from 2015 through 2024 would be 0.6 percent.)

Medicaid benefit expenditures per enrollee grew at an average annual rate of 2.4 percent per year from 2007 through 2014, excluding the effects of changes in the enrollment mix. For 2015 through 2024, such expenditures are projected to increase 4.8 percent per year on average. This difference is the result of two factors: (i) efforts by States to limit Medicaid expenditure growth (most notably, in 2011 and 2012) are not projected to continue with the same intensity into the future; and (ii) medical price inflation is projected to be modestly faster in the next 10 years than in recent history.

Impacts of Recent Legislation

The impacts of the following legislative actions are reflected in these projections:

- The Medicare Access and CHIP Reauthorization Act (Public Law 114-10) made the Qualifying Individuals (QI) program permanent and extended CHIP allotments through 2017.
- The Consolidated Appropriations Act (Public Law 114-39) limited durable medical equipment reimbursements to Medicare payment rates and placed a moratorium on the annual fee on health insurance providers for 2017.
- The Bipartisan Budget Act of 2015 (Public Law 114-74) applied an additional rebate requirement to generic drugs in the Medicaid program and made changes to Supplementary Security Income (SSI) enrollment that are estimated to result in a small increase in Medicaid spending.
- The National Defense Authorization Act (Public Law 114-92) modified protection of Afghan allies with a small impact to Medicaid costs due to an increase in the number of immigration visas.

The net impact of these laws on Federal Medicaid expenditures from 2015 through 2024 is projected to be an increase of about \$2.9 billion. These changes to the program are projected to have a negligible effect on Medicaid enrollment.

D. IMPACTS OF THE MEDICAID ELIGIBILITY EXPANSION

The Affordable Care Act provided for the expansion of Medicaid eligibility to almost all persons under age 65 who are living in families with incomes below 138 percent of the FPL beginning in 2014 (and who are citizens or eligible legal residents).³¹ Adults who are eligible under the new criteria are those that meet the definition of "newly eligible" in section 1905(y)(2) of the Social Security Act.^{32,33}

This expansion added 4.3 million newly eligible adult person-year equivalents to enrollment during the 9 months that the new eligibility rules were in effect for FY 2014 (or 6.3 million in calendar year 2014), and this figure is estimated to have grown to 9.1 million by 2015. By 2024, newly eligible adult enrollment is projected to reach 11.8 million.

Total Medicaid benefit expenditures for the new adult enrollees were \$23.9 billion over the last 9 months of FY 2014. Expenditures are estimated to have increased to \$58.0 billion in 2015 and to reach \$90.6 billion by 2024. The Affordable Care Act specifies a higher Federal matching rate for newly eligible beneficiaries, decreasing from 100 percent in 2014, 2015, and 2016 to 90 percent by 2020 and beyond. Thus, the Federal government paid all of these costs in 2014 and 2015 and will do so in 2016 as well, whereas the States paid none of the costs in the first 2 years and will also not pay any costs in 2016. By 2024, the States are projected to pay \$9.1 billion of the costs for newly eligible adults.

In National Federation of Independent Business (NFIB) v. Sebelius, the Supreme Court ruled that a State may not lose Federal funding for its existing program if it does not implement the Medicaid eligibility expansion under the Affordable Care Act.

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sections of the Affordable Care Act, the 2014 report presented estimates related only to the eligibility expansion sections of the legislation. This 2015 report presents estimates for only the enrollment of newly eligible adults and the expenditures for those persons, and it does not provide separate estimates of the impact that the Affordable Care Act may have had on other Medicaid populations. It was previously expected that this legislation would lead to increases in enrollment (and thus expenditures) for other Medicaid-eligible individuals, but it is not possible to determine those impacts from the available data. Given that the most significant effects were anticipated in 2014 and 2015, this report does not provide separate estimates for the impact of the Affordable Care Act on the non-newly eligible.

³² "Newly eligible" individuals are persons between the ages of 19 and 64 who, beginning in 2014, are enrolled in the new adult group and who would not have been eligible for full Medicaid benefits, benchmark coverage (described in subparagraph (A), (B), or (C) of section 1937(b)(1) of the Social Security Act), or benchmark-equivalent coverage (described in section 1937(b)(2) of the Social Security Act) as of December 1, 2009. An individual may also be newly eligible if he or she would have been eligible but could not have been enrolled for such benefits or coverage because the applicable Medicaid waiver or demonstration had limited or capped enrollment as of December 1, 2009.

³³ The estimates of Medicaid enrollment and expenditures due to the eligibility expansion also include State programs that have received waivers to cover newly eligible enrollees in qualified health plans on the Health Insurance Marketplaces.

Based on the information currently available about the States' intentions for their Medicaid programs, it is estimated that (i) 45 percent of potentially newly eligible persons resided in States that expanded eligibility in 2014, (ii) 50 percent of potentially newly eligible persons resided in States that expanded eligibility by 2015, (iii) in 2016, 50 percent of potentially newly eligible persons would reside in States that expand eligibility, and (iv) in 2017 and later years, 55 percent of potentially newly eligible persons would reside in States that expand eligibility as additional States implement the eligibility expansion.

It is possible that more or fewer States may expand Medicaid eligibility than have been assumed for 2016 and later years. To the extent that the actual number of States opting for expansion differs from the assumptions used in these projections, future costs and enrollment would likely differ by a similar proportion, taking into account the sizes of the potentially newly eligible populations in those States.

In 2014, the average benefit costs of newly eligible adult enrollees are estimated to have been greater than those for non-newly eligible adult enrollees in the program. Newly eligible adults are estimated to have had average benefit costs of \$5,488 in 2014, 12 percent greater than non-newly eligible adults' average benefit costs, which are estimated to have been \$4,914. Per enrollee costs for newly eligible adults are estimated to have grown to \$6,366 in 2015 (an increase of 16 percent), while the costs of other adults are estimated to have been \$5,159—a difference of 23 percent. These estimates are substantially different from those in last year's report, in which average benefit costs for newly eligible adults were estimated to decrease by 22 percent from 2014 to 2015. While the newly eligible adult per enrollee costs in 2014 were slightly lower than estimated in last year's report (\$5,488 compared to \$5,517, or about 1 percent lower), the estimated per enrollee costs for 2015 in this year's report are substantially greater (\$6,366 compared to \$4,281, or about 49 percent higher).

There are several reasons that may account for the differences between the estimates in this year's report and those in previous reports. First, it is possible that States reported more expenditures in 2015 that were incurred in 2014, thereby making the per enrollee costs in 2015 appear higher than they would actually be. More significantly, both in magnitude and in the direction of the growth rate, the differences in the estimates occurred largely because the managed care capitation rates were set at higher levels than anticipated for the newly eligible adults. Most of the States that implemented the eligibility expansion are covering newly eligible adults in Medicaid managed care programs, and on average the capitation rates for the newly eligible adult enrollees were significantly greater in 2014 and 2015 than previously estimated (and shown in past Medicaid reports). In particular, two assumptions varied considerably. Many States included adjustments to reflect a higher level of acuity or morbidity among newly eligible adults compared to nonnewly eligible adults. In most States, these adjustments were positive (in other

words, newly eligible adults had a higher level of acuity than non-newly eligible adults), and in some cases the adjustments were substantial.³⁴

States also included other adjustments in the capitation rates for newly eligible adults. Many States projected increased costs due to pent-up demand, expecting that many enrollees would have been previously uninsured and would use additional services in the first several months of coverage. Some States also included adjustments for adverse selection with the anticipation that the persons who were most likely to enroll in the first year would be those with the greatest health care needs.

Data for newly eligible adults are still limited. While CMS has reported some enrollment and expenditure data for this group, data on claims and managed care encounters, along with data on the health status and demographics of these enrollees, are not available. Thus, there is still considerable uncertainty about the health care costs of newly eligible adults in 2014 and 2015, as well as for future years.

Given the uncertainty inherent in covering a large new population in Medicaid (many of whom were expected to have been previously uninsured), most States that implemented the eligibility expansion included risk-sharing arrangements in their contracts with managed care plans for newly eligible adults in 2014 and 2015. The most common approaches were to use a risk corridor or to use a minimum medical loss ratio. Under a risk corridor, the managed care plans would return some payments to the State and the Federal government if the average benefits per enrollee or loss ratio fell below a certain level or ratio, and the plans would receive additional payments from the State and the Federal government if the average benefits per enrollee or loss ratio exceeded a certain level or ratio. In States requiring a minimum medical loss ratio, the managed care plans would return some payments to the State and the Federal government if the loss ratio fell below a certain level, but the plans would not receive additional funding if the loss ratio was higher than expected.

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³⁴ It is difficult to generalize about the adjustments that the States have estimated for several reasons. States may have defined differently the non-newly eligible adult population that served as the basis for comparison for the newly eligible adults. (For example, States may have compared the newly eligible adults to only non-newly eligible childless adults or to childless adults and parents or caretaker adults, or States may have compared the newly eligible adults to only non-disabled adults or to non-disabled adults and some adults with disabilities.) Most States also removed from the comparison pregnant women who are not newly eligible for Medicaid, but the projections in this report include pregnant women among non-newly eligible adults; thus, it is difficult to directly compare the assumptions the States made with the projections and analysis in this report. In addition, States used various methodologies to develop these adjustments and in some cases combined them with other adjustments (for example, for adverse selection or pent-up demand).

³⁵ Of the States that did not use a risk-sharing arrangement, several covered newly eligible adults under fee-for-service arrangements, and one covered enrollees through private health insurance plans using premium assistance. Several other States chose not to use risk-sharing arrangements.

As a result of these arrangements, there is the potential that the ultimate payments for newly eligible adults in 2014 and 2015 may be notably greater, or less, than those currently reported. Few States had reported the results of these contractual arrangements by the end of 2015. Based on the results of States that have reported such information, and comparisons of the costs for newly eligible and non-newly eligible adults enrolled in Medicaid, the Federal government is projected to receive an estimated \$3.2 billion from the risk-mitigation strategies in 2014 and an estimated \$5.5 billion from those arrangements in 2015; moreover, it is expected that similar amounts would be paid to the Federal government in 2016 and 2017, respectively, representing about 9 percent of capitation payments for newly eligible adults in 2014 and 2015. Since few States have reported the results of these contractual provisions, and because of the different arrangements employed by those States and the uncertainty regarding the costs of the new adult enrollees, it is possible that the actual amounts returned to the Federal government could be significantly greater, or less, than estimated here. It is also possible—although unlikely—that the net effect on Federal expenditures would be an increase in costs as opposed to a decrease in costs. In addition, since few States have reported these results to CMS thus far, it is possible that the actual payments to the Federal government (or potentially from the Federal government) could occur later than expected.

While the per enrollee costs shown for 2014 and 2015 in this report do not include the potential returns to the Federal government, it is illustrative to see the impact that subtracting these amounts would have on per enrollee costs in those years. Prorating these estimated recoveries over the fiscal years would reduce the newly eligible adult per enrollee costs by about 9 percent in each of 2014 (\$5,001) and 2015 (\$5,796).

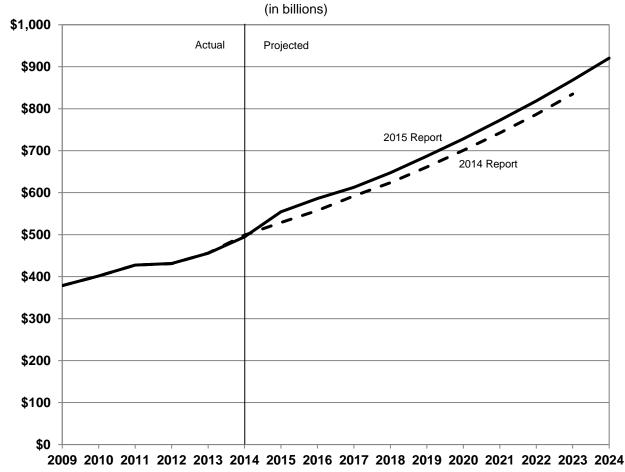
Taking into account the results of the risk-mitigation strategies from the States that have reported and the estimated impacts of the other States, the projected per enrollee costs for newly eligible adults for 2016 amount to \$5,910, a 7.2-percent decrease from 2015. Per enrollee costs are projected to decline further in 2017 to \$5,439 (a decrease of 8.0 percent from 2016). By 2024, the costs per enrollee for newly eligible adults are expected to be \$7,649, which would be about 7 percent lower than those for other adults. This difference in projections is less than in previous reports; in the 2014 report, per enrollee costs for newly eligible adults were projected to be about 30 percent lower than those for non-newly eligible adults by 2023.

Due to the limited data on newly eligible enrollees in 2014 and 2015 and the uncertainties regarding both their health care costs and enrollment in the program, the estimates and projections regarding this population should still be considered less certain than the projections for other populations. Both expenditures and enrollment may differ significantly from the projections shown in this report.

E. COMPARISON TO 2014 REPORT PROJECTIONS

The projections of Medicaid expenditures in this report are slightly higher than in the 2014 Actuarial Report on the Financial Outlook for Medicaid. Figure 7 compares the 2014 projections of total Medicaid expenditures (including Federal and State) to those in last year's report.

Figure 7—Projected Medicaid Expenditures: Comparison of 2014 versus 2015 Actuarial Reports on the Financial Outlook for Medicaid, Fiscal Years 2008–2023³⁶



Expenditures in 2015 (\$554.3 billion) were higher than estimated last year (\$529.0 billion), representing a 4.8-percent difference. Most of this difference is attributable to higher newly eligible enrollment and higher per capita expenditures than estimated in last year's report. Projected spending of \$868.0 billion in 2023 is 4.0 percent higher than the corresponding amount from last year (\$835.0 billion). In total, the 10-year projections from 2014 through 2023 are \$242.1 billion, or 3.7 percent, higher. The increase over the 10-year period was mainly the result of differences between the projected 2015 expenditures in the 2015 and 2014 reports.

³⁶ The data for this graph can be found in table 20 in section D of the Appendix.

Offsetting the higher base spending are a number of other factors. The projected increases in utilization (or the residual factors) were slower in this year's report than in last year's. As recent historical expenditures have grown more slowly, the outlook for future utilization growth in the program has changed accordingly. In addition, the assumption regarding how many States would expand Medicaid in the future has been lowered (from States covering 60 percent of potentially newly eligible adults to 55 percent), and this modification partly offsets higher projected expenditures by 2023.

Medicaid enrollment is expected to be somewhat lower by 2023 than projected in the 2014 report for the same year. Enrollment is projected to reach 76.9 million by 2023, whereas enrollment was projected to be 78.8 million by 2023 in last year's report (a difference of 2.4 percent). This difference is due to updated enrollment data for 2011, partial enrollment data for 2012 and 2013, and the assumption that fewer States would elect to implement the eligibility expansion than assumed last year. In particular, historical enrollment among children was lower than previously estimated, resulting in lower enrollment levels over the projection period. Child enrollment is projected to reach 29.6 million in 2023, compared to 31.9 million in last year's report. Total Medicaid enrollment from 2014 through 2023 is projected to grow at an average rate of 2.8 percent, which is lower than last year's projection of 3.0 percent over the same period.

F. MEDICAID IN CONTEXT

From the estimates and analysis of health spending in the U.S. provided by the national health expenditure (NHE) accounts, additional insight can be obtained into the role of Medicaid within the total U.S. health care system.³⁷ Medicaid spending in the 2014 NHE accounts represented 16.4 percent of total NHE. Private health insurance was the largest source of spending on health care in 2014, accounting for 32.7 percent of total NHE, while Medicare paid for 20.4 percent.³⁸

The historical NHE also presents health care spending by the original source of financing (or sponsor). In calendar year (CY) 2014, Medicaid represented 36.2 percent of Federal government expenditures on health services and supplies and 37.0 percent of such spending by State and local governments. For the first time since 2010 (when the Federal share of Medicaid payments was temporarily increased), Medicaid is larger than Medicare as a share of Federal government expenditures on health services and supplies. (Medicare accounted for 34.2 percent of Federal expenditures in 2014.) Medicaid is the largest source of Federal general revenue-based spending on health services. A sizeable portion of Medicare spending is funded by income from dedicated revenue sources—which include Medicare Part A payroll taxes and Part B and Part D beneficiary premiums—with the balance from Federal general revenues. In contrast, Medicaid does not have any dedicated Federal revenue source; all Federal spending on Medicaid comes from general revenue. For State governments, Medicaid is the largest source of general revenue-based spending on health services, although spending on all other health programs in 2009 exceeded spending on Medicaid, largely because of the temporary increases to the FMAP.³⁹

Moreover, Medicaid has a greater number of enrollees than Medicare. In FY 2014, Medicaid is estimated to have covered 64.0 million individuals (including persons residing in U.S. Territories). In comparison, Medicare covered an average of 53.8 million people during CY 2014.⁴⁰ Within these totals, there are substantial differences between the programs in the number and nature of people covered. For

³⁷ The historical Medicaid spending data and projections presented in this report differ slightly from the NHE estimates and projections in several ways. Some of the differences are as follows: (i) the data and projections featured in this report are shown on a fiscal year basis, whereas the NHE amounts are on a calendar year basis; (ii) the NHE accounts make several adjustments to Medicaid, such as classifying Medicaid spending for Medicare premiums as Medicare spending; and (iii) the NHE accounts use somewhat different definitions of services than do the data presented in this report.

³⁸ A. Martin, *et al.*, "National Health Spending in 2014: Faster Growth Driven By Coverage Expansion And Prescription Drug Spending," *Health Affairs*, 35, no.1 (2016): 150-160.

³⁹ *Ibid*. There are some State dedicated revenues for Medicaid. For more detail on this analysis of health care spending by sponsor, see the methodology paper at http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/Downloads/dsm-11.pdf.

 $^{^{40}}$ The 2015 Annual Report of the Boards of Trustees of the Federal Hospital Insurance and Federal Supplementary Medical Insurance Trust Funds (https://www.cms.gov/research-statistics-data-and-systems/statistics-trends-and-reports/reportstrustfunds/downloads/tr2015.pdf).

example, Medicare automatically covers nearly all people over age 65 (44.9 million beneficiaries in 2014), but only those aged individuals with very low incomes and assets—and who apply for the coverage—become Medicaid enrollees (estimated at 5.4 million). Enrollment for persons with disabilities was more similar between the two programs; Medicaid covered an estimated average of 10.2 million persons with disabilities in 2014, while Medicare covered 8.9 million beneficiaries with disabilities. Although the definition of disability is essentially the same for the two programs, the other eligibility criteria are entirely different.⁴¹ Finally, as noted earlier, a majority of Medicaid enrollees are either children or certain adults in families with low incomes. Medicare does not have comparable categories of beneficiaries. Dual-eligible individuals are estimated to have accounted for \$144.2 billion of total Medicaid expenditures in 2014, or 33 percent of benefits.⁴²

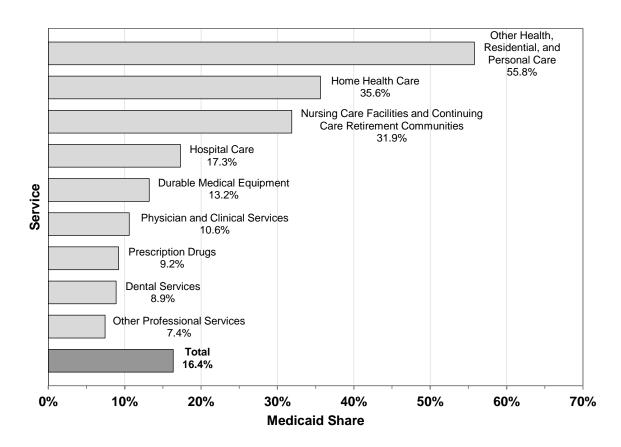
Among the different types of health care services, Medicaid plays the largest role in the funding of long-term care. According to the 2014 NHE, Medicaid is estimated to have paid for 35.6 percent of all freestanding home health care and 31.9 percent of all freestanding nursing home care in the U.S. In addition, Medicaid covered an estimated 55.8 percent of other health, personal, and residential care in 2014, including Medicaid payments for intermediate care facilities and for home and community-based waivers. Medicaid has a major responsibility for providing long-term care because the program covers some aged persons and many persons with disabilities of all ages, who tend to be the most frequent and most costly users of such care, and because private health insurance and Medicare often furnish only limited coverage for these benefits. Many people who pay for nursing home care or community-based long-term care privately become impoverished due to the expense; as a result, these people eventually become eligible for Medicaid. Figure 8 shows the percentage of total spending for the major health care services that Medicaid covers.

⁴¹ Medicaid eligibility for individuals with disabilities is based on income and asset criteria (among other measures). Medicare eligibility generally depends on an individual's sufficient participation in the paid work force prior to disability. Despite these different requirements, a significant number of persons with disabilities qualify for coverage under both Medicaid and Medicare.

⁴² These figures reflect actual 2014 reported expenditures from the CMS-64 and projected 2014 enrollment (based on 2011, 2012, and 2013 MAX data).

⁴³ A. Martin, *et al.*, "National Health Spending in 2014: Faster Growth Driven By Coverage Expansion And Prescription Drug Spending."

Figure 8—Medicaid Expenditures as Percentage of Total U.S. Health Expenditures, by Service Category, Calendar Year 2014



Medicaid represents a significant share of the Federal and State budgets. In FY 2015, out of a total of \$3,688 billion spent by the Federal government for all purposes, \$350 billion (or 9.5 percent) can be attributed to Medicaid. Under the President's Fiscal Year 2017 Budget, Federal outlays on Medicaid are projected to account for 9.5 percent of all Federal outlays by 2024.⁴⁴

According to the National Association of State Budget Officers (NASBO), Medicaid represented an estimated 25.6 percent of all State government spending in State fiscal year 2014.⁴⁵ This amount, however, includes all Federal contributions to State Medicaid spending, as well as expenditures from State general revenue funds and other State funds (which for Medicaid may include provider taxes, fees, donations, assessments, and local funds). According to NASBO, Medicaid was the largest program in 2014. When only State general revenues are considered, however, Medicaid spending constituted an estimated 19.3 percent of State expenditures in 2014 (the same percentage as in 2013), placing it well behind elementary and

⁴⁴ More information on the Federal budget is available in *Analytical Perspectives, Budget of the United States Government, Fiscal Year 2017.*

⁴⁵ State Expenditure Report: Examining Fiscal 2013–2015 State Spending, National Association of State Budget Officers, 2015.

secondary education. Overall in 2014, State general revenue expenditures for Medicaid increased by 4.2 percent, which was slightly faster than the overall State general revenue growth rate of 3.9 percent.

As shown in figure 9, Medicaid represented about 2.9 percent of the Gross Domestic Product (GDP) in 2014, which was an increase from the program's 2.7-percent share in 2013. In large part, this result reflects the increases in Medicaid expenditures associated with the eligibility expansion in 2014.

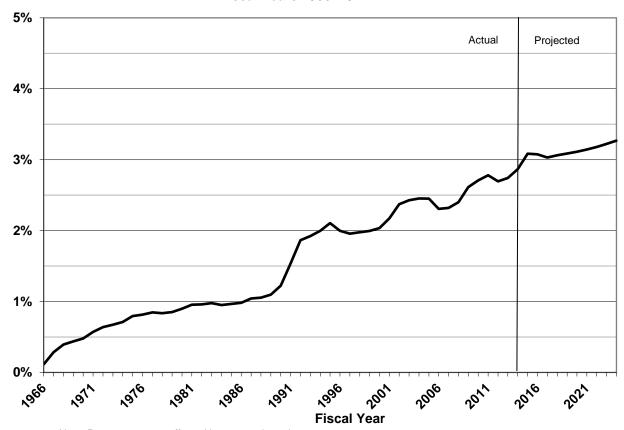


Figure 9—Past and Projected Medicaid Expenditures as Share of GDP, Fiscal Years 1966–2024⁴⁶

Note: Percentages are affected by economic cycles.

In 2015, GDP is estimated to have grown at a rate of 4.2 percent, while Medicaid spending is estimated to have increased by 12.1 percent, due in part to the continuing coverage expansion under the Affordable Care Act. Accordingly, Medicaid spending is estimated to have increased to 3.1 percent as a share of GDP in 2015.

As seen in figure 9, the program's expenditures are projected to continue to grow to 3.3 percent of GDP by 2024. From 2015 through 2024, Medicaid expenditures are projected to increase about 1.4 percentage points faster than GDP on average per year. Much of this difference is expected to be due to the eligibility expansion, which

⁴⁶ The data for this graph can be found in table 21 in section D of the Appendix.

accounts for 0.6 percentage point, or about half, of the difference between projected Medicaid expenditure and GDP growth rates over the 10 years.

This projection of Medicaid spending as a share of GDP is greater than the projection included in last year's report. The share of GDP devoted to Medicaid in 2023 is projected to be 3.2 percent, about 0.1 percentage point higher than the 2014 projection. Medicaid expenditures are projected to grow more rapidly than previously projected, driven by higher costs for the newly eligible adult population.

IV. SUMMARY OF DATA, ASSUMPTIONS, AND METHODOLOGY

Projections of Medicaid expenditures and enrollment are highly dependent on both demographic and economic assumptions. The most important such assumptions are those regarding the growth of health care prices, growth in the use of health care goods and services, overall economic growth, individual wage growth, and population growth. In addition, there are various "programmatic" factors that have historically influenced Medicaid expenditure and enrollment trends, including decisions by the States regarding eligibility and payment rules for their Medicaid plans, the coverage of and enrollment in other health insurance programs, including Medicare and private health insurance, and changes in the participation rates of eligible persons in Medicaid. The projections also depend on the nature and quality of the available data on Medicaid operations. This section briefly describes the sources of data and assumptions that are used to generate the Medicaid projections shown in this report; further detail is provided in sections A and B of the Appendix.

Data Sources

The data and assumptions on which these Medicaid projections are based are derived from three major sources. The first source is CMS data, which are submitted by the States to CMS on a regular basis. These data include the CMS-64 Financial Management Report (FMR) and the Medicaid Analytic eXtract (MAX).

The FMR provides separate Federal and State expenditures for all Medicaid fee-forservice programs and capitation arrangements.⁴⁷ The data and projections in this Medicaid actuarial report rely on the "Net Services" FMR, while prior Medicaid reports used the "Base" FMR. Both the Net Services and Base FMRs provide the same total expenditures, but the former allocates prior period adjustments by service, while the latter does not. Neither the total expenditures reported nor the projected total expenditures are changed as a result of the switch from the Base to the Net Services FMR, but the benefit expenditures per enrollee are generally increased (since the benefit expenditures are more complete and thus are greater), as are the benefit expenditures for some categories of service. OACT made this change because using the Net Services FMR provides a more accurate allocation of the costs (by category of service and by enrollment category) than does reporting a significant portion of expenditures as prior period adjustments, and because further complications arise when the Base FMR is used and adjustments are allocated to the newly eligible adults. The effects of changing from the Base to the Net Services FMR are described more fully in section A of the Appendix.

⁴⁷ More information on the CMS-64 is available on the CMS website at http://medicaid.gov/Medicaid-cuid-cuid-budget-and-expenditure-system-MBES.html. Additional detail is provided in section A of the Appendix.

Table 4 shows the 2014 Medicaid medical assistance payments and administration costs reported in the Net Services FMR.

Table 4—Total Medical Assistance Payments and Administration Expenditures from the CMS-64 Financial Management Report, Fiscal Year 2014

Type of Payment	Total	Federal	State
Medical Assistance Payments	\$470,011,904,943	\$283,935,251,308	\$186,076,653,635
Administration Costs	24,399,466,827	<u>15,181,424,592</u>	9,218,042,235
Total Expenditures	494,411,371,770	299,116,675,900	195,294,695,870

Note: The complete CMS-64 Financial Management Report for medical assistance payments and administrative costs in FY 2014 is provided in section D of the Appendix and is available on the CMS website at https://www.medicaid.gov/medicaid-chip-program-information/by-topics/financing-and-reimbursement/expenditure-reports-mbes-cbes.html. This report uses data that are more recent than the information that is published online, and as a result there are small differences between the amounts shown in this table and the Appendix and those shown elsewhere in the report.

CMS data also include MAX, which contains both service and demographic data supplied by the States, including provider payments and enrollment counts, and is derived from the Medicaid Statistical Information System (MSIS). MAX expenditure data include only total Medicaid expenditures and do not provide data separately for Federal or State expenditures. Several adjustments are made to merge the CMS-64 and MAX data together for use in preparing projections. In past Medicaid reports, historical data and projections relied on Annual Person Summary (APS) data files from MSIS. It is worth noting that MAX data are based on the same claims data from MSIS, and although there are differences in the way the claims are summarized, these differences do not have a significant impact on the projections in this report. The change to MAX was made because prior reports from MSIS (such as the APS) have been discontinued, and using MSIS claims data directly proved to be technically impractical. The effects of changing from MSIS to MAX are described in section A of the Appendix. Historical data shown in the report from 2000 through 2004 are based on MSIS.

Table 5 shows average annual Medicaid enrollment by enrollment category for the last 5 years of complete enrollment data.

 $\underline{Topics/Data-and-Systems/MSIS/Medicaid-Statistical-Information-System.html}.$

⁴⁸ More information regarding MAX can be found on the CMS website at https://www.cms.gov/research-statistics-data-and-systems/computer-data-and-systems/medicaiddatasourcesgeninfo/maxgeneralinformation.html, and more information regarding MSIS can be found on the CMS website at <a href="http://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By-thtp://www.medicaid-CHIP-Program-Information/By

Table 5—Average Annual Medicaid Enrollment by MAX Enrollment Category, Fiscal Years 2007–2011

Enrollment Category	2007	2008	2009	2010	2011
Aged	4,538,274	4,633,327	4,742,798	4,902,403	5,024,767
Persons with Disabilities	8,306,574	8,559,183	8,915,394	9,221,414	9,697,492
Children	21,315,335	21,790,290	23,338,750	25,320,255	26,076,618
Adults	10,074,624	10,664,823	11,675,142	12,894,319	13,535,364
Children (Unemployed Parent)	110,053	136,864	182,751	217,681	234,629
Unemployed Adults	124,624	118,178	148,525	181,847	200,381
Foster Care Children	880,243	904,297	897,986	880,381	839,798
Breast and Cervical Cancer					
Act Enrollees	31,313	34,294	38,152	40,055	41,881
Total	45,381,040	46,841,256	49,939,498	53,658,355	55,650,929

Note: MAX data for 2011 are supplemented with MSIS data for Kansas and Maine, as information for these two States is unavailable in the 2011 MAX data.

Key Assumptions

The Boards of Trustees for Old-Age, Survivors, and Disability Insurance (OASDI, or Social Security) and Medicare constitute the second source for the data and assumptions.⁴⁹ The projections in this Medicaid report are based on the same economic and demographic assumptions that were developed by the Trustees and used to determine the intermediate estimates presented in their statutory 2015 annual reports to Congress on the financial status of the OASDI and Medicare programs. The Trustees' intermediate economic assumptions are also used to develop the health care service price forecasts underlying the projections in this report.⁵⁰ Due to large changes in the projected and actual 2016 Part B premium, however, premiums for Part A and Part B from the President's Fiscal Year 2017 Budget were used for projecting Medicaid expenditures on Medicare premiums.

The third source of underlying data and assumptions—NHE historical data and projections—is used for comparing Medicaid expenditures and enrollment with

⁴⁹ The 2015 Annual Report of the Boards of Trustees of the Federal Hospital Insurance and Federal Supplementary Medical Insurance Trust Funds (https://www.cms.gov/research-statistics-data-and-systems/statistics-trends-and-reports/reportstrustfunds/downloads/tr2015.pdf) and The 2015 Annual Report of the Board of Trustees of the Federal Old-Age and Survivors Insurance and Federal Disability Insurance Trust Funds (https://www.ssa.gov/oact/TR/2015/tr2015.pdf).

⁵⁰ These assumptions are different from those used for projections in the President's Fiscal Year 2017 Budget. Consequently, the projections presented in this report usually differ somewhat from the President's Budget projections. In addition, due to differences in the timing of this report and the Budget, later data are generally available for use in this report. Finally, while the Trustees' economic assumptions underlie both the Medicare Trustees Report and the Medicaid actuarial report, the two sets of health care service price growth forecasts are not the same. The two programs have significantly different statutory mechanisms for setting provider price updates, and these differences are reflected in the updated assumptions for each program.

Medicare, private health insurance, and total health care spending in the United States. OACT develops the NHE data and projections.⁵¹

For the purpose of projecting enrollment of, and expenditures for, adults who were made newly eligible by the Affordable Care Act beginning in 2015, OACT developed assumptions regarding States' decisions to implement the eligibility expansion. In National Federation of Independent Business v. Sebelius, 132 S. Ct. 2566 (2012) (NFIB v. Sebelius), the Supreme Court ruled that a State may not lose Federal funding for its existing program when it does not implement the Medicaid eligibility expansion under the Affordable Care Act. Of all people who were potentially newly eligible Medicaid enrollees, 45 percent are estimated to have resided in States that elected to expand Medicaid eligibility in 2014, and 50 percent are estimated to have resided in States that expanded eligibility by 2015. Assumptions about the effective national participation rate of the States for the eligibility expansion after 2015 were developed using public information and statements for each State regarding its intent to implement the expansion. Based on this information, it is assumed that 50 percent of all people who are potentially newly eligible Medicaid enrollees in 2016 would reside in States that elected to expand Medicaid eligibility and, for 2017 and thereafter, that 55 percent of such individuals would reside in expansion States.

In the future, the actual participation by States could differ from these assumptions. A greater or lesser number of States could elect to expand eligibility than has been assumed, and States' decisions may change over time (either to expand if they have not done so previously or to end the expansion sometime in the future).

The Medicaid expenditure and enrollment projections shown in this report are based on current law. That is, they are consistent with current legislation and administrative policy regarding Medicaid as of January 1, 2016, with one exception: the assumption that funding for the Children's Health Insurance Program (CHIP) is reauthorized after fiscal year 2017 for the duration of the projection window.⁵² No other attempts have been made to forecast any future changes in policy or legislation that, if realized, would affect the Medicaid program—including Federal Medicaid, State Medicaid, or Medicare policy and legislation or other legislation that could

⁵¹ More information on the NHE historical accounts and projections is available on the CMS website at https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/index.html. Also, see A. Martin, et al., "National Health Spending in 2014: Faster Growth Driven by Coverage Expansion and Prescription Drug Spending"; and S. Keehan, et al., "National Health Expenditure Projections, 2014-24: Spending Growth Faster than Recent Trends," Health Affairs, 34, no. 8 (2015): 1407-1417.

⁵² This report does not cover expenditures and enrollment under CHIP, whether operated under Title XIX or Title XXI of the Social Security Act. CHIP provides health coverage to many children in households with income above Medicaid eligibility levels. In addition, this report does not consider any potential effects on Medicaid if CHIP funding is not reauthorized beyond fiscal year 2017. Should CHIP funding not be reauthorized, children enrolled in Medicaid expansion CHIP would be eligible for coverage in Medicaid, and projected Medicaid expenditures and enrollment would be higher than the projections in this report.

affect private health insurance plans. Thus, while changes in Federal or State Medicaid policy have been a significant factor affecting the patterns of growth in expenditures and enrollment over history, no future changes in policy are assumed (beyond those already scheduled under current law).

Methodology

Health actuaries typically base estimates of medical expenditures on three major factors:

- C the number of people enrolled in the program ("caseload"),
- U the quantity of services each person uses ("utilization"), and
- P the reimbursement ("price") for each unit of service.

The product of these three factors yields an estimate of total expenditures for medical services:

$$E = C \times U \times P \tag{1}$$

Direct application of equation (1) requires data on utilization and reimbursement rates for Medicaid that are not currently available or practical to maintain.⁵³ An alternative recursive approach is therefore used for the projections, as described below.

Instead of using equation (1), the projection algorithm begins with development of data on the current level of Medicaid expenditures, by eligibility category and by type of medical service, to serve as a projection base. *Changes* in the three determinants of expenditures in equation (1) are then projected for future years and applied sequentially to the base year expenditures. Thus, if E_y represents expenditures in year y, then

$$E_{y+1} = E_y \times (1 + c_{y+1}) \times (1 + u_{y+1}) \times (1 + p_{y+1})$$
 (2)

where c_{y+1} , u_{y+1} , and p_{y+1} are the assumed or projected rates of change in caseload, utilization, and prices, respectively, between years y and y+1. Equation (2) is applied separately to expenditures for each combination of the Medicaid eligibility categories and categories for type of service.

With a few exceptions, caseload factors vary by eligibility category, price factors vary by type of service, and utilization factors can vary by both eligibility category and type of service. The projected caseload factors are determined by trend and regression

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⁵³ No comprehensive sources are available that track reimbursement rates and use by service for all Medicaid programs. Because the expenditure data reported by the States in the CMS-64 are at an aggregate service level, each category likely includes various services with different numbers of claims and distinct reimbursement rates. Additionally, reimbursement rates and service use are different for each State.

analysis of Medicaid enrollment data. Projections of future enrollment by eligibility category are based on estimates of the change in the share of the U.S. population enrolled in Medicaid, which has historically varied with changes in the unemployment rate. The relationship between Medicaid enrollment and unemployment reflects (i) how many people are without other forms of insurance and (ii) how many people might qualify for Medicaid based on its income requirements. Historically, this relationship has varied by eligibility category; in general, children and adult enrollment in Medicaid has been more sensitive to changes in the unemployment rate, and the enrollment of aged persons and persons with disabilities has been relatively less sensitive.

Price changes are derived from economic forecasts produced for the 2015 Medicare Trustees Report, including forecasts for economy-wide inflation, inflation for prices of medical services, and wage growth. Utilization is treated as the residual between total growth and the growth due to enrollment and price changes. The estimate of utilization is determined by an analysis of the historical interrelationship of expenditure, caseload, and price factor growth.⁵⁴ The residual factor, while termed "utilization," reflects not only the change in the average number of services per enrollee but also changes in the "intensity" or average complexity of the services. In addition, any errors in the measurement of the number of enrollees and price per service are implicitly included in the residual.

The methodology used to develop the utilization factor for the projections is calculated by service and by enrollment category. While for some services historical utilization is similar across enrollment categories, utilization in services disproportionately concentrated in one or two enrollment categories can vary significantly by enrollment category. In these cases, projecting utilization by both type of service and enrollment category improves the accuracy of the forecast. In addition, the growth of managed care in Medicaid has reduced historical fee-for-service utilization for several types of service. The extent to which States appear to have maximized their use of managed care or are likely to continue to expand is measured and projected in the utilization factor for managed care services and the affected fee-for-service categories.

The results obtained from the "Caseload, Utilization, Price" ("CUP") recursive forecast, using equation (2), are frequently adjusted to be consistent with recent expenditure data and outlay trends.

It is important to note that some of the reported line items in the financial data are not projected using category- or service-specific growth rates with respect to caseload, utilization, or price. Collections reported by the States constitute the largest such item, and they are projected to grow at the underlying total Medicaid expenditure growth rate, calculated net of all reported collections. In addition, payments for the Medicare Part A and Part B premiums are projected to grow at the same rate as the

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⁵⁴ More details on the trend residual methodology are included in section C of the Appendix.

premiums projected in the President's Fiscal Year 2017 Budget, and separate utilization and price trends are not developed.

The projections of newly eligible adult enrollment and costs are based on currently available data from the CMS-64 and on several assumptions, including projections of population growth, eligibility for and enrollment in other forms of health care coverage (such as employer-sponsored insurance and the Health Insurance Marketplaces), and growth in the utilization and prices of health care services. In addition, preliminary indications are that the actual costs for these beneficiaries are significantly less than the payments made to managed care plans to cover them. These results are considered in developing the projected per enrollee costs for newly eligible adults. The Analysis section of the report discusses this issue in more detail.

The projections in the report also include estimated payments that the Federal government is anticipated to receive from managed care plans (via the States) through risk corridors and minimum medical loss ratio requirements for the newly eligible adults covered in managed care in 2014 and 2015. (These payments are described in more detail in section III.D of the report.) To develop these estimates, per enrollee costs of the newly eligible adults in 2014 and 2015 were compared to projections of the costs of non-newly eligible adults. The costs for the non-newly eligible were based on data from the 2010 APS, adjusted to discount the costs of pregnant women (as pregnant women are not expected to be among the newly eligible) and projected forward using the data and assumptions of per enrollee costs underlying this report. The costs of the newly eligible individuals were compared to the projected costs for non-newly eligible individuals after adjusting for assumptions of additional costs due to pent-up demand among the new enrollees. The amounts estimated to be owed by plans in each State were then determined using a "model" risk corridor (reflecting average terms for the risk corridor, such as how much risk remained with the plan and how much remained with the Federal government), and those amounts were adjusted to match in the States that have reported preliminary risk corridor or minimum medical loss ratio amounts to CMS. While this methodology provides a reasonable indication of the amounts that the Federal government is likely to receive from the managed care plans, in actuality the amounts could be significantly greater, or less, than estimated.

In addition to benefit expenditures, this report includes projections of administration costs that are based on historical administrative cost reporting, as well as projected growth rates from the President's Fiscal Year 2017 Budget.

Like any projection of future health care costs, the Medicaid projections presented here are necessarily uncertain. Actual numbers of enrollees, the number of services used, and the reimbursement levels per service will depend on all of the factors described previously—none of which can be predicted with certainty. Past increases in Medicaid and other health care costs have often been relatively volatile, adding to the difficulty of correctly anticipating future trends. Moreover, the impacts of the

numerous sections of the Affordable Care Act that affect Medicaid, especially the broadening of Medicaid eligibility in 2014, introduce additional uncertainty into these projections. Finally, there is relatively limited experience for people who became eligible for and enrolled in Medicaid in 2014 and 2015; accordingly, while these estimates are more certain than those in previous reports, they should still be considered uncertain due to the relative lack of program data and experience to inform them and the uncertainty about which States will expand their eligibility standards in the future.

The projections shown in this report should be regarded only as a reasonable indication of future Medicaid costs under current law and from today's perspective. It is important to recognize that actual costs in the future could differ significantly from these projections, as a result of (i) unanticipated developments in demographic, economic, or health cost growth trends and (ii) any further changes in the legislation governing Medicaid.

Sections A and B of the Appendix includes additional detail regarding the data, assumptions, and methodologies used in the projections in this report.

V. CONCLUSION

Medicaid expenditures are estimated to have grown 12.1 percent in 2015 and to have reached \$554.3 billion. Faster growth in enrollment is estimated to have been strongly driven by the eligibility expansion that started on January 1, 2014 under the Affordable Care Act, and per enrollee costs increased in 2015 as well. Although growth is expected to slow after 2015, enrollment and expenditures are expected to continue to steadily increase, with total Medicaid expenditures growing to a projected \$920.5 billion by 2024. The projected annual average growth rate of Medicaid expenditures from 2015 to 2024 is 6.4 percent—notably faster than the projection of average annual GDP growth of 5.0 percent. Should these trends continue as projected under current law, Medicaid's share of State budgets would continue to expand absent other changes to the program, budget expenditures, or budget revenues, while its share of the Federal budget would remain about the same.

While some data are available on the number of newly eligible adults enrolled in Medicaid and their health care costs, there is still a considerable amount of uncertainty regarding the projections of the eligibility expansion impacts. Along with the expansion of Medicaid eligibility, other significant changes occurred in 2014 and 2015, including the conversion of the income eligibility criteria to a modified adjusted gross income (MAGI) basis and the start of the Health Insurance Marketplaces. Accordingly, the actual expenditures, enrollment, and effects of the Medicaid eligibility expansion may differ from the estimates and projections presented in this report.

The proportion of Medicaid expenditures for capitation payments and premiums is projected to increase, as is the number of enrollees that receive all or some of their Medicaid benefits through a managed care plan. This trend accelerated as many States covered newly eligible enrollees through managed care plans in 2014 and 2015. In addition, States have continued to expand the use of managed care to cover aged enrollees and enrollees with disabilities and to provide for long-term care services through managed care programs. Thus, understanding how the use of managed care in Medicaid will affect future expenditure growth—and how fee-for-service expenditures for acute care and long-term care will also be affected—will be an important consideration for Medicaid programs in the future.

Because Medicaid does not have any dedicated revenue source at the Federal level or a trust fund approach to financing, the solvency of the program is not an issue; the expenditures of each State (or Territory) program are covered by the State's revenues plus Federal matching general revenues. However, even without solvency as a concern, Medicaid constitutes a significant portion of spending by both Federal and State governments and thus is important to evaluate as part of the budget.

Typically the cost growth rates of different payers and programs, such as Medicare, Medicaid, and private health insurance plans, are related. Attempts by one payer or

program to affect costs can have a direct or indirect impact on other payers and programs. Whether such efforts are focused on the payment or management of health care specific to certain programs, or on the delivery or practice of health care generally, it will be important to consider the potential effects not just on Medicaid but across all health care payers. Programs and demonstrations that focus on health care provided for persons enrolled in both Medicare and Medicaid (dual-eligible beneficiaries), or that focus on Medicare but also include some dual-eligible beneficiaries, may have effects on the costs and quality of care paid for by Medicaid.

This report includes projections of the current-law Medicaid program. As policy makers consider changes or reforms to the program, for Medicaid specifically or for the broader health care system, particular attention may need to be paid to the ways in which Medicaid differs from other types of health care coverage—for example, in its administration, the benefits offered, the populations covered, and the ways in which it pays for health care. Other important issues for consideration, as Medicaid's role continues to evolve, are provider participation, Medicaid payment rates, and beneficiary access to services.

VI. APPENDIX

A. DATA SOURCES

Projections of Medicaid expenditures and enrollment are highly dependent on both demographic and economic assumptions, as well as on program data. This section describes the sources and limitations of data and assumptions that are used to generate the Medicaid projections shown in this report.

CMS-64 (Financial Management Reports)

The CMS-64 reports (Financial Management Reports, or FMRs) are products of the Medicaid and CHIP Budget and Expenditure Systems (MBES/CBES). These reports are submitted by the States quarterly and provide current fiscal year spending. The expenditure amount shown on the FMR is a summary of expenditures for the various mandatory and optional services covered by the Medicaid State programs. In addition, in 2014 the CMS-64 began reporting monthly enrollment data by enrollment category as well as quarterly expenditures for newly eligible adults.⁵⁵

The mandatory services contained in the FMR include inpatient and outpatient hospital care, physician services, nursing facility care for individuals aged 21 or older, family planning services, rural health clinic services, home health care, laboratory and x-ray tests, other practitioner services, federally qualified health center services, and early and periodic screening, diagnostic, and treatment services for children under age 21 (EPSDT). Among the many reported optional services that States may provide are clinic services, prescription drugs, services furnished by intermediate care facilities for the intellectually disabled, hospice care, home and community-based care to certain persons with chronic impairments, and targeted case management services. Additionally, the FMR captures expenditures for DSH payments, offsets to drug spending through rebates, Medicare Part A and Part B premiums paid for those dually eligible for Medicare and Medicaid, premiums paid for Medicaid-only capitated arrangements, and expenditures for home and community-based waiver programs.

The FMR also includes the separate Federal and State expenditures for all Medicaid fee-for-service programs and capitation arrangements. The FMR is available on a "Net Services" basis and a "Base" basis, both of which report the same total expenditures. The historical data and projections provided here are based on the

⁵⁵ The CMS-64 reports enrollment and expenditures for enrollees in the "VIII group," which includes those persons who are eligible under the criteria of section 1902(a)(10)(A)(i)(VIII) of the Social Security Act. Most enrollees in this group are newly eligible adults, but some adults who may have been eligible under pre-2014 criteria are in this group as well. The CMS-64 provides data on both newly eligible adults and other enrollees in the VIII group separately for 2014 and 2015.

expenditure data in the Net Services reports. This is a change from previous Medicaid reports, which used the Base reports for historical data and projections.

The main difference between the Net Services and Base reports is that the Base report provides service-level expenditures that were both incurred and paid in the current quarter, whereas the Net Services report shows expenditures by service on a paid basis. The Base report allocates expenditures that were paid in a different quarter than the services were incurred as prior period adjustments, and it similarly groups all collections (negative adjustments to payments) together. The Net Services report allocates all prior period adjustments to individual services, and it reports as collections only those collections that are not associated with a specific service (such as recoveries for fraud, waste, and abuse). Total expenditures are the same in both reports.

Because the Net Services report allocates prior period adjustments by service, the net effect is that the amount of prior period adjustments to expenditures is reduced while expenditures by category of service are increased. Therefore, the amounts reported for benefit expenditures by category of service and for benefit expenditures per enrollee are more complete and effectively higher under the Net Services report than under the Base report, and, as a result, these benefit expenditures by category of service and the accompanying projections are greater than shown in previous Medicaid reports.

Table 6 compares per enrollee by enrollment category under the Base FMR and the Net Services FMR for 2005 through 2014.

Table 6—Medicaid Medical Assistance Payments Per Enrollee, by Enrollment Category,
Base FMR and Net Services FMR Comparison,
Fiscal Years 2005–2014

Base FMR on APS Data

Fiscal Year	Aged	Disabled	Children	Adults
2005	\$15,515	\$15,957	\$2,138	\$3,366
2006	14,863	15,490	2,276	3,436
2007	14,903	15,989	2,471	3,694
2008	15,576	16,290	2,537	3,893
2009	15,821	17,126	2,604	4,011
2010	15,472	17,514	2,591	4,065
2011	15,837	18,120	2,679	4,391
2012	15,558	17,213	2,732	4,230
2013	15,519	17,331	2,841	4,371
2014	15,339	17,354	3,152	4,594

Net Services FMR on APS Data

Fiscal Year	Aged	Disabled	Children	Adults
2005	\$15,702	\$16,448	\$2,176	\$3,407
2006	15,154	15,976	2,286	3,467
2007	15,209	16,643	2,528	3,834
2008	15,852	16,895	2,575	4,008
2009	16,063	17,901	2,653	4,125
2010	15,827	18,387	2,670	4,177
2011	16,319	18,988	2,779	4,499
2012	15,893	18,200	2,834	4,313
2013	15,549	18,834	3,012	4,547
2014	15,569	18,584	3,137	4,897

Base FMR and Net Services FMR Difference

		Disabled		
Fiscal Year	iscal Year Aged		Children	Adults
2005	1.2%	3.1%	1.8%	1.2%
2006	2.0%	3.1%	0.4%	0.9%
2007	2.1%	4.1%	2.3%	3.8%
2008	1.8%	3.7%	1.5%	2.9%
2009	1.5%	4.5%	1.9%	2.8%
2010	2.3%	5.0%	3.1%	2.8%
2011	3.0%	4.8%	3.8%	2.4%
2012	2.2%	5.7%	3.7%	2.0%
2013	0.2%	8.7%	6.0%	4.0%
2014	1.5%	7.1%	-0.5%	6.6%

Medicaid Analytic eXtract (MAX) and the Medicaid Statistical Information System (MSIS)

The Medicaid Statistical Information System (MSIS) is the basic source of Statesubmitted eligibility and claims data on the Medicaid population, its demographic characteristics, utilization of health care services, and payments. The purpose of MSIS is to collect, manage, analyze, and disseminate information on eligible individuals, beneficiaries, utilization, and payment for services that are covered. States provide CMS with quarterly files consisting of specified data elements for persons covered by Medicaid and adjudicated claims for medical services reimbursed with Title XIX funds. Four types of claims files representing inpatient services, longterm care, prescription drugs, and non-institutional services are submitted. Claims records contain information on the types of services used, providers, service dates, costs, and types of reimbursements. Eligibility characteristics, such as basis-ofeligibility and maintenance assistance status, are the foundation of the enrollment projections; specifically, the primary basis-of-eligibility categories consist of aged persons, persons who are blind or have other disabilities, non-disabled children (including foster care children), and non-aged, non-disabled adults (including women eligible under the Breast and Cervical Cancer Act eligibility expansion).

The data and projections in this report generally rely on the Medicaid Analytic eXtract (MAX). MAX contains both service and demographic data supplied by the States, including provider payments and enrollment counts, and is derived from MSIS.⁵⁶ As is the case with MSIS, MAX expenditure data include only total Medicaid expenditures, and MAX does not provide data separately for Federal or State expenditures. Several adjustments are made to the CMS-64 and MAX data to merge them together for use in preparing projections.

In past Medicaid reports, historical data and projections relied on data from MSIS mainly from the Annual Person Summary (APS) files. It is worth noting that MAX data are based on claims data from MSIS, and although there are differences in the way the claims are summarized, these differences do not have a significant impact on the projections in this report. Historical data shown in the report from 2000 through 2004 are based on MSIS.

Table 7 compares per enrollee costs by enrollment category using the APS data and the MAX data for 2005 through 2014.

MAX can regarding be found on the CMS https://www.cms.gov/research-statistics-data-and-systems/computer-data-and-systems/ medicaiddatasourcesgeninfo/maxgeneralinformation.html.

information

Table 7—Medicaid Medical Assistance Payments Per Enrollee, by Enrollment Category, APS and MAX Comparison, Fiscal Years 2005–2014

(Per Enrollee Spending)

Net Services on APS Data

Fiscal Year	Aged	Disabled	Children	Adults
2005	\$15,702	\$16,448	\$2,176	\$3,407
2006	15,154	15,976	2,286	3,467
2007	15,209	16,643	2,528	3,834
2008	15,852	16,895	2,575	4,008
2009	16,063	17,901	2,653	4,125
2010	15,827	18,387	2,670	4,177
2011	16,319	18,988	2,779	4,499
2012	15,893	18,200	2,834	4,313
2013	15,549	18,834	3,012	4,547
2014	15,569	18,584	3,137	4,897

Net Services on MAX Data

Aged	Disabled	Children	Adults
\$15,254	\$16,405	\$2,247	\$3,407
15,023	15,743	2,348	3,503
15,124	16,589	2,591	3,894
15,631	17,013	2,640	3,987
15,738	17,744	2,723	4,162
15,591	18,176	2,730	4,219
15,780	18,267	2,865	4,526
15,745	18,130	2,822	4,438
15,427	18,976	2,963	4,584
15,106	18,793	3,144	4,910
	\$15,254 15,023 15,124 15,631 15,738 15,591 15,780 15,745 15,427	\$15,254 \$16,405 15,023 15,743 15,124 16,589 15,631 17,013 15,738 17,744 15,591 18,176 15,780 18,267 15,745 18,130 15,427 18,976	\$15,254 \$16,405 \$2,247 15,023 15,743 2,348 15,124 16,589 2,591 15,631 17,013 2,640 15,738 17,744 2,723 15,591 18,176 2,730 15,780 18,267 2,865 15,745 18,130 2,822 15,427 18,976 2,963

APS and MAX Data Difference

Fiscal Year	Fiscal Year Aged		al Year Aged Disabled Ch		Children	Adults
2005	-2.9%	-0.3%	3.2%	0.0%		
2006	-0.9%	-1.5%	2.7%	1.0%		
2007	-0.6%	-0.3%	2.5%	1.6%		
2008	-1.4%	0.7%	2.6%	-0.5%		
2009	-2.0%	-0.9%	2.6%	0.9%		
2010	-1.5%	-1.1%	2.2%	1.0%		
2011	-3.3%	-3.8%	3.1%	0.6%		
2012	-0.9%	-0.4%	-0.4%	2.9%		
2013	-0.8%	0.8%	-1.6%	0.8%		
2014	-3.0%	1.1%	0.2%	0.3%		

Users of Medicaid data may note discrepancies between the expenditure information captured in MAX and the CMS-64. For example, DSH payments and Medicare premiums do not appear in MAX. Whereas actual payments are reflected in the CMS-64, in MAX adjudicated claims data are used. Service definitions vary in these two sources as well. Territorial data for American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the Virgin Islands appear in the CMS-64, but not

in MAX. Each State has a different system for capturing statistical (MSIS) and financial (CMS-64) data.

It is important to note the limitations that are associated with the data described in this section. First, MAX data are available for 48 States through 2011, for only 40 in 2012, and for only 30 in 2013, while MSIS data are available for two additional States in 2011. MAX (and the MSIS data from which MAX is derived) is the only available source of complete enrollment data.⁵⁷ Consequently, to relate 2011, 2012, and 2013 actual expenditures to the number of enrollees, estimates of Medicaid enrollment are prepared for those years for the missing States.⁵⁸ For 2014 (and for the projections for 2015 through 2024), enrollment is estimated using a regression model and historical data, including available State data for 2011, 2012, and 2013. MAX also does not provide data on enrollment in Territory programs, and thus enrollment figures for Territories are estimated from previous data; to estimate enrollment in the Territories for 2014 and 2015, for example, data from the CMS-64 are used. Accordingly, there is uncertainty regarding the estimates of the number of enrollees and expenditures by enrollment category in the most recent historical years.⁵⁹

Another qualification is that it was only in 2014 that the CMS-64 began providing data on enrollment or spending by enrollment category (and, in the case of spending by enrollment category, only for newly eligible adults or other adults in the "VIII group"). ⁶⁰ In addition, the definitions of medical service categories are not consistent between the MAX (or the MSIS) and the other data sources. Adjustments are made to develop a data set that contains not only service-level expenditures that match the CMS-64 data but also expenditures by enrollment group; accordingly, the MAX and the CMS-64 are merged together to provide a more complete understanding of Medicaid spending. Since the service definitions are different between these two sources, MAX data are used to estimate spending by enrollment group for each Medicaid service reported in the CMS-64. ⁶¹ While every State that chose to expand its program is reporting enrollment data in the CMS-64, regular updates to these

⁵⁷ While the CMS-64 provides enrollment data starting in 2014, there is no period in which the MSIS or MAX data overlap with the CMS-64, and thus it is not possible to determine how closely the two sources match. The figures in this report are based on the MAX data, and the CMS-64 enrollment data are used only for newly eligible adults and for enrollment in the Territories, which are not included in any current MAX data.

⁵⁸ In this report, child Medicaid enrollees consist of non-disabled children, children of unemployed parents, and foster care children; adult Medicaid enrollees consist of non-disabled non-aged adults, unemployed adults, and women covered under the Breast and Cervical Cancer Act expansion; and disabled Medicaid enrollees consist of blind or disabled persons.

⁵⁹ CMS is in the process of transitioning Medicaid data from MSIS to the Transformed Medicaid Statistical Information System (T-MSIS), but T-MSIS is not currently available.

⁶⁰ The "VIII group" refers to enrollees who are eligible under section 1902(a)(10)(A)(i)(VIII) of the Social Security Act, including newly eligible adults.

⁶¹ Certain services in the CMS-64 for which there is little to no history are combined with other services assumed to have a matching underlying distribution of spending by eligibility category.

submissions indicate that the data are not yet final for FY 2015. To develop the enrollment estimates and projections for this report, the CMS-64 enrollment data were used only for the number of newly eligible adults enrolled.

Finally, OACT reviewed the data sources used in these projections for reasonableness but relied on CMS program components and the States to ensure the quality of the data.

B. KEY ASSUMPTIONS

The primary demographic, economic, and health cost inflation assumptions underlying the Medicaid projections shown in this report are the same as those used by the Social Security and Medicare Boards of Trustees in their 2015 reports to Congress.⁶²

The price assumptions used to develop the Medicaid expenditure projections are derived from the assumptions included in the Social Security and Medicare Trustees Reports. While these price assumptions are specifically meant to measure the changes in the prices that Medicare would pay providers, they also generally reflect the projected growth in the prices of health care services.

As noted in section IV of this report, there is no single data source available that tracks all Medicaid prices or price changes. In addition, since States do not have a prescribed methodology for updating provider reimbursement rates, there are no specific or consistent forecasts of the changes in the prices for health care services that can be used across all Medicaid programs. Accordingly, OACT relies on other forecasts from Medicare, which are assumed to be reasonable projections of the underlying growth in health care prices that States would consider when changing provider reimbursement rates within their Medicaid programs.

The principal economic assumptions include growth in average wages and the CPI. These and other assumptions are used to generate health care service input price indices (or "market baskets") for inpatient hospital and home health care services. These indices serve as indicators of increases in Medicaid payments per service.

It is important to note that these price assumptions may not accurately measure the underlying changes in the prices paid by Medicaid programs year to year. States have significant discretion in setting reimbursement rates, and in any given year the changes in rates paid to providers may differ from the changes in the price assumptions that are used to project future price changes for Medicaid expenditures. Thus, while these price forecasts are expected to reasonably estimate the changes in prices over time, they may not be precise measures of the actual changes in prices in

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⁶² Further information on the Trustees' population projections and economic assumptions is available in the 2015 Social Security and Medicare Trustees Reports (https://www.cms.gov/research-statistics-trends-and-reports/reportstrustfunds/downloads/tr2015.pdf).

any State Medicaid program. Moreover, to the extent that any specific price assumption is not an accurate assessment of the change in the price paid for any particular service, the difference between the actual change in price and the change in the price assumption would be reflected in the residual factor. While in general the residual factor is meant to represent changes in utilization, it would also incorporate errors in the measurement of prices.

Medicaid enrollment is projected by eligibility category: aged persons, persons with disabilities, children, newly eligible adults, and other adults. The model measures enrollment by eligibility category as a percentage of the U.S. population by relevant age group (aged—U.S. population aged 65 and over; disabled—U.S. population aged 0-64; children—U.S. population aged 0-19; and adults—U.S. population aged 20-64). Historical enrollment is measured for 1992 through 2011—the period for which reliable enrollment data exist in MSIS (1992-2004) and MAX (2005-2011).

The relationship between the change in the share of the U.S. population enrolled in Medicaid by eligibility category and the change in the national U.S. unemployment rate is measured using a regression model. Analysis conducted in developing this enrollment model has shown that the unemployment rate is the most meaningful factor in analyzing changes in historical Medicaid enrollment. Other economic variables either are not statistically significant or do not improve the accuracy of the model. In addition, changes in the unemployment rate have a strong theoretical relationship with Medicaid enrollment. As the unemployment rate increases, fewer people have jobs, leading in turn to a greater number of people with lower incomes and more individuals likely eligible for Medicaid. Moreover, a decrease in the number of people with jobs is likely to lead to fewer people with private health insurance, and as a result more people may enroll in Medicaid for health care coverage. Conversely, as the unemployment rate decreases, an increase in the number of people with jobs is likely to lead to increases in income and more people with private health insurance, and consequently enrollment growth in Medicaid may be slower. The Trustees do not typically forecast economic cycles, and thus the projections of Medicaid enrollment in this report do not exhibit the same cyclical variation that enrollment has experienced historically.

The change in the share of the U.S. enrolled population is projected forward using the results of the regression model and forecasts of the unemployment rate from the 2015 Social Security Trustees Report for each eligibility category. Enrollment is projected using those results and the forecasts of the U.S. population from the 2015

⁶³ Medicaid enrollment data have lagged by as much as 2 years in recent history, and this lag has increased during the transition to the new Medicaid data system. CMS is in the process of transitioning Medicaid data from MSIS to the Transformed Medicaid Statistical Information System (T-MSIS), but T-MSIS is not currently available. Until the system is operational, it is unclear what data will be available and what form the data will take. More information about T-MSIS is available at http://www.medicaid.gov/medicaid-chip-program-information/by-topics/data-and-systems/medicaid-and-chip-operational-data.html.

Trustees Report. The projections from the model may be adjusted, in particular for estimates of enrollment in recent years (in this Medicaid report, enrollment is estimated for 2012, 2013, and 2014); in estimating historical enrollment, other data or information is often used to adjust the results from the Medicaid enrollment models. Typically, other sources do not provide enrollment at the same level of detail as shown in MAX or in this Medicaid report, but such sources may inform the overall level of enrollment or the growth rate of total enrollment in those historical years.

Changes in the utilization of services and other changes in expenditures not reflected in changes in enrollment or prices are reflected in the "residual" factors in the model. The trend residual approach to projecting Medicaid expenditures begins with an analysis of historical Medicaid expenditures per enrollee on a service-by-service basis. The annual percent change in these per enrollee expenditures is compared to the change in the applicable price indicator (listed below), and the differential, or residual, is calculated. This residual measures the collective impact of changes in utilization and "intensity" (average complexity) of services, case mix effects, and other factors, and it is calculated by service and by eligibility category. For the purpose of developing projected expenditures, the residual may be calculated as the average across all eligibility categories (typically when the residuals across eligibility categories have similar values, or when the amount of spending for one or more eligibility categories is relatively small and there are potential concerns about the credibility of the residual factor). The basis of the projected residual is the historical average of the residual value (either as a weighted average or an unweighted average over the previous several years), but adjustments may be made by gradually increasing or decreasing the residual toward the average residual for a broader category of services (such as all acute care, all long-term care, or all medical services).

The residuals are adjusted to limit the value of any particular service from significantly increasing or decreasing more than the value of all services (or broader categories of services). In general, the residual of all services (or broader categories of services) tends to be more stable, but it is necessary to use residuals by service to account for changes in the Medicaid program as well. Often, these adjustments are made to reflect areas in which there has likely been a shift between services or categories of services in recent history, but projecting those changes to continue at the same rate over 10 years would not necessarily be the best estimate of future expenditures.

One key example concerns the historical shifts of Medicaid expenditures from fee-forservice programs (especially acute care services, such as hospital services, physician and other professional services, and prescription drugs) to managed care. As part of the adjustment, managed care expenditures as a share of total expenditures were reviewed by State and by eligibility category. This review provided more detailed information on the use of managed care across States, as well as some evidence regarding the extent to which recent expenditure growth in managed care programs was driven by the States' expansion of their use of these programs. The analysis suggested that managed care expenditures were likely to continue to grow relatively quickly but, over time, were more likely to slow, as the rate at which States shift expenditures to managed care programs slows. Similarly, the analysis suggested that the residuals for acute care services in general would increase over the same period as the shift from fee-for-service programs decelerates.

The table below shows the price indicators currently used to produce Medicaid expenditure projections.

Type of Service	Price Indicator
Inpatient and outpatient hospital	Medicare hospital input price index (market basket), before the application of productivity adjustment
Physician, clinic, and related services	Medical CPI increase
Institutional long-term care	Maximum of CPI increase and average wage increase
Community long-term care and home and community-based waiver services	Medicare home health input price index, before the application of productivity adjustment
Prescription drugs	CPI increase
Managed care	Medical CPI increase

One exception to the trend residual methodology occurs in the case of some premiums. The costs for Medicare premiums financed by Medicaid are based on the projected premium rates for Medicare Parts A and B in the President's Fiscal Year 2017 Budget. The proportions of aged and blind or disabled enrollees who are "bought into" Medicare by the States or the Federal government through premium payments are assumed to remain at historical levels.

C. RESIDUAL ANALYSIS RESULTS AND ASSUMPTIONS

This section provides the results of the analysis used to calculate the residual factors for the projections. The following tables show the historical residual factors and the projected values by eligibility category and by service for the largest five services (as measured by total 2014 expenditures).

Table 8—Historical and Projected Residual Factors for Aged Enrollees, Selected Services, Fiscal Years 2009–2024

			Home and		
Fiscal	Nursing	Managed	Community-	Inpatient	Personal
Year	Facility	Care	Based Waivers	Hospital	Care
Historical da	ta:				
2009	0.6%	4.6%	2.0%	- 1.3%	0.6%
2010	-5.7%	30.4%	-7.1%	-4.4%	-5.7%
2011	-3.7%	7.3%	-0.7%	23.8%	-10.3%
2012	-8.1%	36.3%	-5.9%	-16.4%	-5.6%
2013	-4.5%	21.2%	3.7%	-4.3%	-64.9%
2014	-7.2%	-3.8%	-3.9%	-16.0%	52.9%
Projections:					
2015	-5.7%	15.1%	-0.3%	-6.7%	-14.7%
2016	-5.3%	13.2%	-0.3%	-6.0%	-13.3%
2017	-4.9%	11.2%	-0.3%	- 5.4%	-11.8%
2018	-4.4%	9.3%	-0.3%	-4.7%	-10.4%
2019	-4.0%	7.3%	-0.3%	-4.1%	-8.9%
2020	-3.6%	5.4%	-0.3%	-3.4%	-7.5%
2021	-3.6%	5.4%	-0.3%	-3.4%	-7.5%
2022	-3.6%	5.4%	-0.3%	-3.4%	-7.5%
2023	-3.6%	5.4%	-0.3%	-3.4%	-7.5%
2024	-3.6%	5.4%	-0.3%	-3.4%	- 7.5%

Table 8 shows the residual factors for the largest five services for aged enrollees based on estimates of 2014 expenditures; spending for these services constituted 82 percent of total estimated Medicaid expenditures for aged enrollees, as shown in table 9. (Medicare Part B premiums are shown below, but residual factors are not calculated for Medicare premiums.)

Table 9—Fiscal Year 2014 Selected Service Expenditures for Aged Enrollees (in billions)

Service	2014 Expenditures
Nursing Facility	\$36.9
Managed Care	12.8
Home and Community-Based Waivers	5.9
Medicare Part B Premiums	5.3
Inpatient Hospital	3.0
Personal Care	2.8
Total Expenditures for Aged Enrollees	81.7

Table 10—Historical and Projected Residual Factors for Enrollees with Disabilities, Selected Services, Fiscal Years 2009–2024

		Home and Community-	langtiont	Numaina	Prescription
Fiscal Year M	lanaged Care	Based Waivers	Inpatient Hospital	Nursing Facility	Drugs (and Rebates)
Historical data					
2009	7.3%	7.2%	2.2%	3.3%	1.5%
2010	3.6%	1.2%	1.1%	-5.6%	-2.0%
2011	9.2%	-2.5%	7.1%	1.2%	1.3%
2012	27.0%	-1.8%	-13.9%	-5.9%	-23.3%
2013	21.1%	19.3%	-3.0%	-2.0%	-19.9%
2014	9.5%	-13.2%	-13.7%	− 7.1%	0.8%
Projections:					
2015	12.7%	-0.3%	-6.4%	-3.9%	-5.4%
2016	9.1%	-0.3%	-5.8%	-3.7%	-4.9%
2017	5.5%	-0.3%	-5.2%	-3.4%	-4.4%
2018	5.5%	-0.3%	-4.5%	-3.2%	-3.9%
2019	5.5%	-0.3%	-3.9%	-2.9%	-3.3%
2020	5.5%	-0.3%	-3.3%	-2.7%	-2.8%
2021	5.5%	-0.3%	-3.3%	- 2.7%	-2.8%
2022	5.5%	-0.3%	-3.3%	-2.7%	-2.8%
2023	5.5%	-0.3%	-3.3%	-2.7%	-2.8%
2024	5.5%	-0.3%	-3.3%	-2.7%	-2.8%

Table 10 shows the residual factors for the top five services for enrollees with disabilities based on estimates of 2014 expenditures; spending for these services constituted 68 percent of total estimated Medicaid expenditures for enrollees with disabilities, as shown in table 11. (Prescription drug expenditures do not include Medicaid prescription drug rebates.)

Table 11—Fiscal Year 2014 Selected Service Expenditures for Enrollees with Disabilities (in billions)

Service	2014 Expenditures
Managed Care Organizations	\$45.0
Home and Community-Based Waivers	36.4
Inpatient Hospital	24.4
Nursing Facility	12.7
Prescription Drugs	11.5
Total Expenditures for Enrollees with Disabilities	192.1

Table 12—Historical and Projected Residual Factors for Child Enrollees, Selected Services, Fiscal Years 2009–2024

	Managad	Inpatient	Prescription Drugs (and		Outpatient
Figgal Voor	Managed		O (Dhysisian	
Fiscal Year	Care	Hospital	Rebates)	Physician	Hospital
Historical d	ata:				
2009	1.8%	-4.0%	1.5%	-1.9%	9.7%
2010	-1.2%	-8.9%	-2.0%	3.8%	-1.3%
2011	10.6%	3.2%	1.3%	-2.6%	5.7%
2012	0.1%	-9.2%	-23.3%	-18.2%	-18.4%
2013	12.7%	7.4%	-19.9%	-12.0%	0.7%
2014	11.5%	-12.8%	0.8%	-3.7%	-13.7%
Projections	:				
2015	5.8%	-4.6%	-3.9%	-5.4%	-5.1%
2016	4.3%	-3.5%	-3.0%	-4.1%	-3.9%
2017	2.8%	-2.4%	-2.1%	-2.8%	-2.7%
2018	2.8%	-2.4%	-2.1%	-2.8%	-2.7%
2019	2.8%	-2.4%	-2.1%	-2.8%	-2.7%
2020	2.8%	-2.4%	-2.1%	-2.8%	-2.7%
2021	2.8%	-2.4%	-2.1%	-2.8%	-2.7%
2022	2.8%	-2.4%	-2.1%	-2.8%	-2.7%
2023	2.8%	-2.4%	-2.1%	-2.8%	-2.7%
2024	2.8%	-2.4%	-2.1%	-2.8%	-2.7%

Table 12 shows the residual factors for the top five services for the child population based on estimates of 2014 expenditures; spending for these services constituted 80 percent of total estimated Medicaid expenditures for children, as shown in table 13. (Prescription drug expenditures do not include Medicaid prescription drug rebates.)

Table 13—Fiscal Year 2014 Selected Service Expenditures for Child Enrollees (in billions)

Service	2014 Expenditures
Managed Care Organizations	\$45.0
Inpatient Hospital	12.5
Prescription Drugs	4.5
Physician Services	4.1
Outpatient Hospital	3.2
Total Expenditures for Children	86.5

Table 14—Historical and Projected Residual Factors for Adult Enrollees, Selected Services, Fiscal Years 2009–2024

	Managed	Inpatient	Outpatient	Prescription Drugs (and	
Fiscal Year	Care	Hospital	Hospital	Rebates)	Physician
Historical da	ata:				
2009	1.1%	- 7.7%	5.8%	11.7%	-14.3%
2010	4.9%	-9.2%	-4.1%	8.2%	-1.8%
2011	11.0%	13.2%	4.4%	7.5%	0.5%
2012	3.8%	-14.3%	-12.0%	-37.2%	-16.9%
2013	2.6%	3.5%	11.0%	-15.6%	-11.5%
2014	14.7%	-14.1%	-12.7%	3.4%	2.5%
Projections:					
2015	6.2%	-5.8%	-3.3%	-0.3%	-7.2%
2016	4.6%	-4.4%	-2.5%	-0.3%	-5.5%
2017	3.0%	-3.0%	-1.8%	-0.3%	-3.7%
2018	3.0%	-3.0%	-1.8%	-0.3%	-3.7%
2019	3.0%	-3.0%	-1.8%	-0.3%	-3.7%
2020	3.0%	-3.0%	-1.8%	-0.3%	-3.7%
2021	3.0%	-3.0%	-1.8%	-0.3%	-3.7%
2022	3.0%	-3.0%	-1.8%	-0.3%	-3.7%
2023	3.0%	-3.0%	-1.8%	-0.3%	-3.7%
2024	3.0%	-3.0%	- 1.8%	-0.3%	-3.7%

Table 14 shows the residual factors for the top five services for the adult population based on estimates of 2014 expenditures; spending for these services constituted 90 percent of total estimated Medicaid expenditures for adults, as shown in table 15. (Prescription drug expenditures do not include Medicaid prescription drug rebates.)

Table 15—Fiscal Year 2014 Selected Service Expenditures for Adult Enrollees (in billions)

Service	2014 Expenditures
Managed Care Organizations	\$40.8
Inpatient Hospital	12.9
Outpatient Hospital	4.7
Prescription Drugs	4.0
Physician Services	3.7
Total Expenditures for Adults	73.6

Table 16—Historical and Projected Price Factors and Unemployment Rates, Fiscal Years 2009–2024

-	Medical		Home			
Fiscal	consumer	Consumer	health input	Inpatient		Unemployment
Year	price index	price index	price index	price index	Wages	rate (CY)
Historical dat	a:					
2009	3.3%	-0.3%	2.9%	3.6%	-0.4%	9.3%
2010	3.4%	1.7%	2.2%	2.1%	1.6%	9.6%
2011	3.1%	2.7%	2.1%	2.6%	2.9%	8.9%
2012	3.5%	2.0%	2.3%	3.0%	3.1%	8.1%
2013	2.8%	1.5%	2.3%	2.6%	1.6%	7.4%
2014	2.4%	1.2%	2.3%	2.5%	2.6%	6.2%
Projections:						
2015	2.3%	0.6%	2.5%	2.9%	3.3%	5.4%
2016	4.1%	2.2%	2.4%	3.6%	4.9%	5.1%
2017	4.5%	2.9%	2.7%	4.0%	5.2%	5.3%
2018	4.3%	2.7%	2.9%	3.9%	5.0%	5.4%
2019	4.3%	2.7%	3.1%	3.9%	4.8%	5.5%
2020	4.3%	2.7%	3.4%	3.8%	4.5%	5.5%
2021	4.3%	2.7%	3.5%	3.8%	4.4%	5.6%
2022	4.3%	2.7%	3.5%	3.7%	4.3%	5.6%
2023	4.3%	2.7%	3.5%	3.6%	4.2%	5.6%
2024	4.3%	2.7%	3.5%	3.6%	4.0%	5.6%

D. DATA FOR SELECTED FIGURES

The following tables provide the data underlying selected figures in the report.

Table 17—Past and Projected Medicaid Expenditures for Medical Assistance Payments, by Type of Payment, Fiscal Years 2000–2024 (Data for Figure 4)

(in billions)

			0 '(- ('	Discounting
	Δ	1	Capitation	Disproportionate
- ' 137	Acute care	Long-term	payments &	share hospital
Fiscal Year	FFS	care FFS	premiums	payments
Historical data:				
2000	\$78.8	\$67.9	\$33.9	\$14.4
2001	88.2	73.9	37.8	15.5
2002	103.2	81.1	44.7	15.4
2003	114.0	84.2	50.7	13.0
2004	124.0	87.3	52.7	15.4
2005	131.4	82.8	58.6	17.1
2006	121.3	101.1	65.0	17.1
2007	130.1	102.3	72.6	16.0
2008	131.7	108.1	82.8	17.1
2009	140.7	115.7	93.5	17.8
2010	151.2	117.2	104.3	17.6
2011	161.3	119.5	116.9	17.3
2012	148.0	119.3	132.5	17.1
2013	152.6	119.4	151.8	16.4
2014	152.1	116.2	191.6	18.1
Projections:				
2015	159.2	119.1	239.3	18.4
2016	162.6	121.9	264.1	18.5
2017	166.5	124.8	283.2	18.9
2018	172.6	128.5	309.4	17.2
2019	179.4	132.8	338.1	16.3
2020	186.1	137.4	368.3	15.3
2021	193.1	142.3	400.9	14.3
2022	200.0	147.1	435.9	13.2
2023	206.8	151.9	473.9	12.2
2024	213.8	156.6	514.9	11.2

Table 18—Past and Projected Numbers of Medicaid Enrollees, by Category, Fiscal Years 2000–2024 (Data for Figure 5)
(in millions of person-year equivalents)

					Newly eligible	
Fiscal Year	Aged	Disabled	Children	Adults	adults	Territories
Historical data						
2000	3.6	6.7	16.1	6.9	n/a	0.9
2001	3.7	6.9	17.3	7.7	n/a	0.9
2002	4.0	7.2	19.1	8.9	n/a	1.0
2003	4.3	7.5	20.9	9.7	n/a	1.0
2004	4.4	7.7	21.9	10.1	n/a	1.0
2005	4.6	8.0	22.5	10.5	n/a	1.0
2006	4.5	8.2	22.6	10.5	n/a	1.0
2007	4.5	8.3	22.3	10.2	n/a	1.0
2008	4.6	8.6	22.8	10.8	n/a	1.0
2009	4.7	8.9	24.4	11.9	n/a	1.0
2010	4.9	9.2	26.4	13.1	n/a	1.0
2011	5.0	9.7	27.2	13.8	n/a	1.0
Projections:						
2012	5.1	9.9	27.2	14.1	n/a	1.0
2013	5.2	10.1	27.5	14.8	n/a	1.0
2014	5.4	10.2	27.5	15.0	4.3	1.5
2015	5.6	10.3	27.5	15.0	9.1	1.5
2016	5.7	10.4	27.4	15.1	10.5	1.4
2017	5.9	10.4	27.5	15.3	11.0	1.4
2018	6.1	10.6	27.8	15.5	11.5	1.4
2019	6.3	10.7	28.2	15.7	11.6	1.4
2020	6.5	10.8	28.6	15.8	11.7	1.4
2021	6.7	10.9	28.9	15.9	11.7	1.4
2022	7.0	11.0	29.1	16.0	11.8	1.4
2023	7.2	11.1	29.4	16.0	11.8	1.4
2024	7.4	11.2	29.6	16.0	11.8	1.4

Table 19—Past and Projected Medicaid Expenditures on Medical Assistance Payments
Per Enrollee, by Enrollment Category, Fiscal Years 2000–2024
(Data for Figure 6)
(in dollars per person-year equivalent enrollee)

Fiscal Year	Aged	Disabled	Children	Adults	Newly eligible adults	Average of all enrollees
Historical dat		Bioabioa	Official	riadito	addito	0111011000
2000	\$14,124	\$12,218	\$1,741	\$2,805	n/a	\$5,411
2001	14,720	13,016	1,860	2,901	n/a	5,593
2002	14,817	14,471	2,030	2,975	n/a	5,829
2003	14,401	15,035	2,040	3,093	n/a	5,839
2004	14,700	15,157	2,079	3,245	n/a	5,900
2005	15,254	16,405	2,247	3,407	n/a	6,308
2006	15,023	15,743	2,348	3,503	n/a	6,255
2007	15,124	16,589	2,591	3,894	n/a	6,700
2008	15,631	17,013	2,640	3,987	n/a	6,863
2009	15,738	17,744	2,723	4,162	n/a	6,982
2010	15,591	18,176	2,730	4,219	n/a	6,923
2011	15,780	18,267	2,865	4,526	n/a	7,126
Projections:						
2012	15,745	18,130	2,822	4,438	n/a	7,071
2013	15,423	18,969	2,960	4,580	n/a	7,318
2014	15,113	18,789	3,141	4,914	\$5,488	7,324
2015	15,582	19,693	3,298	5,159	6,366	7,639
2016	16,299	20,633	3,471	5,431	5,910	7,903
2017	16,973	21,459	3,654	5,720	5,439	8,155
2018	17,645	22,372	3,846	6,023	5,555	8,505
2019	18,398	23,426	4,050	6,348	5,856	8,938
2020	19,135	24,576	4,263	6,688	6,178	9,401
2021	19,917	25,822	4,491	7,053	6,516	9,900
2022	20,741	27,138	4,728	7,435	6,873	10,427
2023	21,628	28,548	4,978	7,837	7,252	10,990
2024	22,566	30,060	5,243	8,266	7,649	11,595

Table 20—Projected Medicaid Expenditures: Comparison of 2014 versus 2015 Actuarial Reports on the Financial Outlook for Medicaid, Fiscal Years 2000–2024 (Data for Figure 7)

(in billions)

- :	00450	20115
Fiscal Year	2015 Report	2014 Report
Historical data:		
2000	\$206.2	\$206.2
2001	229.0	229.0
2002	258.2	258.2
2003	276.2	276.2
2004	296.3	296.3
2005	315.9	315.9
2006	315.1	315.1
2007	332.2	332.2
2008	351.9	351.9
2009	378.6	378.6
2010	401.5	401.5
2011	427.4	427.4
2012	431.2	431.0
2013	455.6	456.1
2014	494.5	498.9
Projections:		
2015	554.3	529.0
2016	586.0	557.6
2017	612.7	592.3
2018	647.5	623.6
2019	686.9	661.1
2020	728.2	700.6
2021	772.3	742.3
2022	818.7	786.6
2023	868.0	835.0
2024	920.5	n/a

Table 21—Past and Projected Medicaid Expenditures as Share of GDP, Fiscal Years 1966–2024, Selected Years (Data for Figure 9)
(in billions)

	Expenditures as
expenditures	share of GDP
	0.1%
	0.5%
13.1	0.8%
25.2	0.9%
41.3	1.0%
72.2	1.2%
159.5	2.1%
206.2	2.0%
229.0	2.2%
258.2	2.4%
276.2	2.4%
296.3	2.5%
315.9	2.5%
315.1	2.3%
332.2	2.3%
351.9	2.4%
378.6	2.6%
401.5	2.7%
427.4	2.8%
431.2	2.7%
455.6	2.7%
494.5	2.9%
554.3	3.1%
582.8	3.0%
607.7	3.1%
647.5	3.1%
686.9	3.1%
728.2	3.1%
	3.1%
818.7	3.2%
868.0	3.2%
920.5	3.3%
	41.3 72.2 159.5 206.2 229.0 258.2 276.2 296.3 315.9 315.1 332.2 351.9 378.6 401.5 427.4 431.2 455.6 494.5 554.3 582.8 607.7 647.5 686.9 728.2 772.3 818.7 868.0

E. FINANCIAL MANAGEMENT REPORT DATA

Table 22—CMS-64 Financial Management Report, Net Services, Medical Assistance Payments, Fiscal Year 2014

Inpatient Hospital - Rog. Payments \$35,635,063,023 \$21,072,667,455 \$14,862,895,688 Inpatient Hospital - SUP 15,205,838,863 8.801,299,896 6,064,539,877 8.801,299,896 6,001,337,283 6,001,337,283 6,001,337,283 6,001,337,283 6,001,337,283 1,001,515,139 950,183,614 1,094,515,139 950,183,614 1,094,515,139 950,183,614 1,094,513,218 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132 1,017,126,132	Service Category	Total	Federal	State
Inpatient Hospital - Sup. Payments 14,306,712,890 8,305,375,607 6,001,337,283 Inpatient Hospital - GME Payments 1,601,515,139 950,183,614 651,331,525 Mental Health Facility - DSH 2,899,817,305 1,626,183,035 12,286,684,270 Nursing Facility Services - Reg. Payments 4,986,84,225,98 26,713,524,897 20,271,897,701 Nursing Facility Services - Sup. Payments 2,855,702,888 1,884,476,766 1,171,226,132 Intermediate Care Facility - Public 5,321,330,687 3,040,289,422 2,281,041,265 Intermediate Care Facility - Purvate 5,008,975,273 2,899,507,018 2,169,468,255 Physician & Surgical Services - Reg. Payments 142,161,168 64,159,169 7,800,1099 Physician & Surgical Services - Reg. Payments 1,534,590,204 926,205,913 966,384,291 Physician & Surgical Services - Vaccine codes 162,320,957 162,320,558 3,867,468,495 Physician & Surgical Services - Reg. Payments 1,545,900,204 926,205,913 960,384,291 Physician & Surgical Services - Reg. Payments 1,524,590,204 928,205,913 91,114,914,914 Culpatien	Inpatient Hospital - Reg. Payments	\$35,635,063,023	\$21,072,567,455	\$14,562,495,568
Inpatient Hospital - GME Payments 1,601,515,139 950,83,614 651,331,525 Mental Headth Facility Services - Reg. Payments 2,877,475,151 1,482,931,47 1,094,543,404 Merial Headth Facility Services - Reg. Payments 46,985,422,598 26,713,524,897 20,713,524,897 Nursing Facility Services - Sup. Payments 46,985,422,598 26,713,524,897 20,771,897,701 Nursing Facility Services - Sup. Payments 5,008,975,273 2,839,507,018 2,281,041,265 Intermediate Care Facility: Supplemental Payments 1,018,775,5101 6,41,59,169 78,001,999 Physician & Surgical Services - Reg. Payments 1,018,795,101 26,300,366,606 3,687,468,485 Physician & Surgical Services - Sup. Payments 1,534,590,204 926,205,691 600,384,291 Physician & Surgical Services - Sup. Payments 1,254,592,204 926,205,691 600,384,291 Physician & Surgical Services - Sup. Payments 1,251,828,938 7,914,932,866 4,03,366,512 Uppatient Hospital Services - Sup. Payments 1,251,829,338 7,914,932,86 4,003,366,512 Drug Rebate Offset - National -11,779,987,492 -69,23,288,533 -4,566,699,39	Inpatient Hospital - DSH	15,205,839,863	8,601,299,986	6,604,539,877
Mental Health Facility Services - Reg. Payments 2,877,475,151 1,482,931,747 1,094,643,404 Mental Health Facility DSH 2,889,817,305 1,626,163,035 1,263,654,270 Nursing Facility Services - Reg. Payments 46,985,422,598 26,713,524,897 20,271,897,701 Nursing Facility Services - Sup. Payments 2,855,702,888 1,684,476,756 1,171,226,132 Intermediate Care Facility - Public 5,003,975,273 2,839,507,018 2,164,482,552 Intermediate Care Facility - Private 5,008,975,273 2,839,507,018 2,164,482,552 Intermediate Care Facility - Private 10,187,795,101 6,220,326,606 3,867,468,495 Physician & Surgical Services - Reg. Payments 11,534,590,204 21,622,035,913 603,884,291 Physician & Surgical Services - Evaluation and Management 11,534,590,204 21,822,325,88 36,89 Outpatient Hospital Services - Sup. Payments 1,251,829,358 7,914,332,48 1,534,590,204 1,332,393,21 1,332,393,21 Drug Rebate Offset - National -11,779,987,492 -6,923,288,533 -4,856,693,993 -6,923,288,533 -8,866,899,993 -6,923,288,533 -8,866,899,993	Inpatient Hospital - Sup. Payments	14,306,712,890	8,305,375,607	6,001,337,283
Mental Health Facility O DSH 2,888,817,305 1,626,163,035 1,626,642,097 Nursing Facility Services - Reg. Payments 2,855,702,888 1,684,476,756 1,171,226,132 Intermediate Care Facility - Public 5,221,330,687 2,303,687 2,304,289,422 2,281,041,265 Intermediate Care Facility - Public 5,201,330,687 2,303,687 2,838,642 2,831,041,265 Intermediate Care Facility - Private 5,008,975,273 2,839,670,018 2,168,486,255 Intermediate Care Facility - Supplemental Payments 1,12,161,168 64,159,169 78,001,999 Physician & Surgical Services - Reg. Payments 1,534,590,204 92,620,5913 369,848,291 Physician & Surgical Services - Sup. Payments 1,534,590,204 92,232,518 398 Outpatient Hospital Services - Reg. Payments 1,62,329,958 7,914,932,846 4,603,356,512 Outpatient Hospital Services - Sup. Payments 1,2518,289,358 7,914,932,846 4,603,356,512 Outpatient Hospital Services - Sup. Payments 1,2518,289,358 7,914,932,846 4,603,356,512 Drug Rebate Offset - National -11,779,987,492 1,325,942,979 1,325,94	Inpatient Hospital - GME Payments	1,601,515,139	950,183,614	651,331,525
Nursing Facility Services - Reg. Payments	Mental Health Facility Services - Reg. Payments	2,577,475,151	1,482,931,747	1,094,543,404
Nursing Facility Services - Sup, Payments 2,855,702,888 1,884,476,756 1,171,226,132 Intermediate Care Facility - Public 5,321,330,687 3,040,289,422 2,281,041,265 Intermediate Care Facility - Private 5,009,975,273 2,893,507,018 2,169,486,255 Intermediate Care Facility: Supplemental Payments 142,161,168 64,159,169 78,001,999 Physician & Surgical Services - Sup, Payments 1,834,590,204 926,205,913 608,384,291 Physician & Surgical Services - Sup, Payments 1,534,590,204 926,205,913 608,384,291 Physician & Surgical Services - Sup, Payments 1,632,90,957 162,320,588 369 Outpatient Hospital Services - Sup, Payments 12,518,289,358 7,914,932,846 4,603,356,512 Outpatient Hospital Services - Sup, Payments 12,518,289,358 7,914,932,846 4,603,356,512 Drug Rebate Offset - National -11,779,987,492 6,923,288,533 -8,866,889,99 Drug Rebate Offset - National -11,779,987,492 6,923,288,533 -4,856,688,99 Drug Rebate Offset - National -12,148,946 -73,393,476 -32,331,541 MCO - National Agreem	Mental Health Facility - DSH	2,889,817,305	1,626,163,035	1,263,654,270
Intermediate Care Facility - Public 5,221,330,687 3,040,288,422 2,281,041,265 Intermediate Care Facility - Private 5,008,975,273 2,839,507,018 2,169,468,255 Intermediate Care Facility - Private 142,161,168 64,159,169 78,001,999 Physician & Surgical Services - Rep. Payments 10,187,795,101 6,320,326,606 3,867,468,495 Physician & Surgical Services - Sup. Payments 1,534,590,204 926,205,913 608,384,291 Physician & Surgical Services - Vaccine codes 162,320,957 162,320,388 369 Otupatient Hospital Services - Rep. Payments 3,468,083,576 1,935,111,863 1,532,971,713 Outpatient Hospital Services - Sup. Payments 3,468,083,576 1,935,111,863 1,532,971,713 Proug Rebate Offset - National -11,779,987,492 69,288,633 4,866,689,899 Drug Rebate Offset - National -11,779,987,492 69,288,633 4,866,689,899 Drug Rebate Offset - National -121,148,946 -74,395,800 -46,753,146 MCO - National Agreement -61,25,641,045 -3,532,352,791 -2,593,288,254 MCO - State Sidebar Agreement -12	Nursing Facility Services - Reg. Payments	46,985,422,598	26,713,524,897	20,271,897,701
Intermediate Care Facility - Private 5,008,975,273 2,839,507,018 2,169,468,255 Intermediate Care Facility: Supplemental Payments 142,161,168 64,159,169 78,001,999 Physician & Surgical Services - Reg. Payments 10,187,795,101 63,032,266,600 3,867,468,495 Physician & Surgical Services - Sup. Payments 1,534,590,204 926,205,913 608,384,291 Physician & Surgical Services - Vaccine codes 162,320,957 162,320,588 369 Outpatient Hospital Services - Reg. Payments 12,518,289,358 7,914,932,846 4,603,356,512 Outpatient Hospital Services - Sup. Payments 12,518,289,358 7,914,932,846 4,603,356,512 Outpatient Hospital Services - Sup. Payments 12,518,289,358 7,914,932,846 4,603,356,512 Drug Rebate Offset - National 11,779,987,492 6,923,288,533 -4,856,689,993 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -323,381,541 MCO - National Agreement -81,255,41,045 -532,352,791 -2,593,288,254 MCO - State Sidebar Agreement -121,489,46 -74,395,600 -46,753,146 Increased AC	Nursing Facility Services - Sup. Payments	2,855,702,888	1,684,476,756	1,171,226,132
Intermediate Care Facility: Supplemental Payments 142,161,168 64,159,169 78,001,999 Physician & Surgical Services - Reg. Payments 10,187,795,011 6,320,326,606 3,867,468,495 Physician & Surgical Services - Sup. Payments 1,534,590,204 2926,205,913 608,384,291 Physician & Surgical Services - Vaccine codes 162,320,957 162,320,558 23,943 Physician & Surgical Services - Reg. Payments 12,518,289,358 7,914,392,846 4,603,356,512 Outpatient Hospital Services - Sup. Payments 3,468,083,576 1,935,111,803 1,532,971,713 Prescribed Drugs 21,394,306,794 13,289,542,197 8,104,764,597 Drug Rebate Offset - National -11,779,987,492 -69,623,288,533 -4,856,698,959 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -323,381,541 MCO - National Agreement -121,148,946 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -74,395,800 -46,753,146 Increased ACA OFFSET - MCO -373,934,776 0 0 Dental Services Reg. Payments	Intermediate Care Facility - Public	5,321,330,687	3,040,289,422	2,281,041,265
Physician & Surgical Services - Reg. Payments 10,187,795,101 6,320,266,606 3,867,486,495 Physician & Surgical Services - Sup. Payments 1,534,590,204 926,205,913 608,384,291 Physician & Surgical Services - Vaucine codes 162,320,957 162,320,957 162,320,588 369 Outpatient Hospital Services - Reg. Payments 1,518,289,358 7,914,332,846 4,603,356,512 1,935,111,863 1,532,971,713 Proscribed Drugs 21,394,306,794 13,289,542,197 8,104,764,597 10,407,64,597 21,394,306,794 13,289,542,197 8,104,764,597 27,971,713 8,104,764,597 26,923,288,533 -6,923,288,533 -6,923,288,533 -6,923,288,533 -6,923,288,533 -6,923,288,533 -6,823,816,541 66,980,959 Drug Rebate Offset - National -11,779,987,492 -6,923,288,533 -6,923,288,533 -6,923,288,533 -6,923,288,533 -6,923,288,533 -74,856,699,899 Drug Rebate Offset - National Agreement -830,042,652 -506,661,111 -323,331,541 C6,002,532,288,253 -74,856,699,899 Drug Rebate Offset - National Agreement -812,148,946 -74,395,800 -74,856,699,899 Drug Agreement -712,8,148,946	Intermediate Care Facility - Private	5,008,975,273	2,839,507,018	2,169,468,255
Physician & Surgical Services - Sup. Payments 1,534,590,204 926,205,913 608,384,291 Physician & Surgical Services - Vaccine codes 2,189,247,194 2,189,223,251 23,943 Physician & Surgical Services - Vaccine codes 162,320,957 162,320,588 369 Outpatient Hospital Services - Reg. Payments 12,518,289,358 7,914,932,846 4,603,356,512 Outpatient Hospital Services - Sup. Payments 3,468,083,576 1,935,111,863 1,522,971,713 Prescribed Drugs 21,334,306,794 13,289,542,197 8,104,764,545 Drug Rebate Offset - National -11,779,987,492 -6,923,288,533 -4,856,698,959 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -323,381,541 MCO - National Agreement -121,148,946 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 -718,818,356 -74,818,356 Other Practitioners Services - Reg. Payments 1,393,574,172 810,234,251 583,339,921 Other Practitioners Services - Sup. Payments 1,657,289,085 1,064,049,425 593,283,180 Other	Intermediate Care Facility: Supplemental Payments	142,161,168	64,159,169	78,001,999
Physician & Surgical Services - Evaluation and Management 2,189,247,194 2,189,223,251 23,343 Physician & Surgical Services - Vaccine codes 162,320,957 162,320,588 369 Outpatient Hospital Services - Reg. Payments 12,518,289,358 7,914,932,846 4,603,356,512 Outpatient Hospital Services - Sup. Payments 3,468,083,576 1,935,111,863 1,532,971,743 Proug Rebate Offset - National 711,779,987,492 6,923,288,533 -4,866,688,959 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -323,381,541 MCO - National Agreement -61,25,641,045 -5,532,352,791 -2,593,288,554 MCO - State Sidebar Agreement -121,48,946 -718,818,356 -718,818,356 -6,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 -718,818,356 -6 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,776 -373,934,	Physician & Surgical Services - Reg. Payments	10,187,795,101	6,320,326,606	3,867,468,495
Physician & Surgical Services - Vaccine codes 162,320,957 162,320,588 369 Outpatient Hospital Services - Reg. Payments 12,518,289,358 7,914,932,246 4,603,356,512 Outpatient Hospital Services - Sup. Payments 3,468,083,576 1,935,111,863 1,532,971,713 Prescribed Drugs 21,394,306,794 13,289,542,197 8,104,764,597 Drug Rebate Offset - National -117,79,987,492 -6,923,288,533 -4,856,698,599 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -22,333,15,41 MCO - National Agreement -6,125,641,045 -3,532,352,791 -2,593,288,254 MCO - State Sidebar Agreement -121,148,946 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Dental Services Reg. Payments 1,8466,131 9,525,428 8,940,703 Clinic Services Services - Sup. Payments 18,466,131 9,525,428 1,987,464,088 Laboratory/Radiological 1,657,289,085 1,064,	Physician & Surgical Services - Sup. Payments	1,534,590,204	926,205,913	608,384,291
Outpatient Hospital Services - Reg. Payments 12,518,289,358 7,914,932,846 4,603,356,512 Outpatient Hospital Services - Sup. Payments 3,468,083,576 1,935,111,863 1,532,971,713 Prescribed Drugs 21,394,306,794 13,289,542,197 8,104,764,597 Drug Rebate Offset - National -11,779,987,492 -6,923,288,533 -4,856,699,959 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -323,381,541 MCO - National Agreement -121,148,946 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Dental Services 3,962,641,303 9,325,428 8,940,703 Other Practitioners Services - Reg. Payments 1,333,574,172 810,234,251 583,339,921 Other Practitioners Services - Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services Services 3,373,7046,635 2,164,754,090 1,572,292,545 Sterilizations 3,407,588 1,064,005,905 593,283,180 <td>Physician & Surgical Services - Evaluation and Management</td> <td>2,189,247,194</td> <td>2,189,223,251</td> <td>23,943</td>	Physician & Surgical Services - Evaluation and Management	2,189,247,194	2,189,223,251	23,943
Outpatient Hospital Services - Sup. Payments 3,468,083,576 1,935,111,663 1,532,971,713 Prescribed Drugs 21,394,306,794 13,289,542,197 8,104,764,597 Drug Rebate Offset - National -11,779,987,492 -6,923,288,533 -4,866,689,899 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -323,381,541 MCO - National Agreement -6,125,641,045 -3,532,352,791 -2,593,288,254 MCO - State Sidebar Agreement -121,148,946 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Other Practitioners Services - Reg. Payments 1,395,574,172 810,234,251 583,339,921 Other Practitioners Services - Sup. Payments 1,866,131 9,525,428 8,940,703 Clinic Services Sup. Payments 1,867,289,085 1,944,048 1,987,444,088 Laboratory/Radiological 1,657,289,085 1,064,005,005 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572	Physician & Surgical Services - Vaccine codes	162,320,957	162,320,588	369
Prescribed Drugs 21,394,306,794 13,289,542,197 8,104,764,597 Drug Rebate Offset - National -11,779,987,492 6,923,288,533 -4,856,698,959 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,681,111 -323,381,541 MCO - National Agreement -6,125,641,045 -3,532,352,791 -2,593,288,254 MCO - State Sidebar Agreement -121,148,946 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Dental Services Reg. Payments 1,393,574,172 810,234,251 583,339,921 Other Practitioners Services - Reg. Payments 1,3846,6131 9,525,428 8,940,703 Clinic Services 5,335,558,416 3,348,094,328 1,987,464,088 Laboratory/Radiological 1,657,289,085 1,064,005,905 593,283,180 Horne Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 79,150 42,094 37,056 EPSDT Screening	Outpatient Hospital Services - Reg. Payments	12,518,289,358	7,914,932,846	4,603,356,512
Drug Rebate Offset - National -11,779,987,492 -6,923,288,533 -4,856,698,959 Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -323,381,541 MCO - National Agreement -6,125,641,045 -3,532,352,791 -2,593,288,254 MCO - State Sidebar Agreement -121,148,946 -74,995,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Dental Services 3,962,641,303 2,317,427,404 1,645,213,899 Other Practitioners Services - Reg. Payments 1,8466,131 9,525,428 8,940,703 Clinic Services 5,335,558,416 3,348,094,328 1,987,464,088 Laboratory/Radiological 1,657,289,085 1,064,005,905 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rucil Health 911,279,803 552,4	Outpatient Hospital Services - Sup. Payments	3,468,083,576	1,935,111,863	1,532,971,713
Drug Rebate Offset - State Sidebar Agreement -830,042,652 -506,661,111 -323,381,541 MCO - National Agreement -6,125,641,045 -3,532,352,791 -2,593,288,254 MCO - State Sidebar Agreement -121,148,945 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -70 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 -373,934,776 0 Dental Services 3,962,641,303 2,317,427,404 1,645,213,899 0 Other Practitioners Services - Reg. Payments 1,393,574,172 810,234,251 583,339,921 Other Practitioners Services - Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services Reg. Payments 1,333,575,4172 810,234,251 583,339,921 Other Practitioners Services - Sup. Payments 1,866,613 9,525,428 8,940,703 Clinic Services 1,929,494 1,608,808 1,987,464,088 1,987,464,088 Laboratory/Radiological 1,618,729,808 1,064,005,905 593,283,180 1,572,292,545 Sterilizations 3,340,608<	Prescribed Drugs	21,394,306,794	13,289,542,197	8,104,764,597
MCO - National Agreement -6,125,641,045 -3,532,352,791 -2,593,288,254 MCO - State Sidebar Agreement -121,148,946 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Dental Services 3,962,641,303 2,317,427,404 1,645,213,899 Other Practitioners Services - Reg. Payments 1,393,574,172 810,234,251 583,339,221 Other Practitioners Services - Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services Sup. Payments 18,666,311 9,525,428 8,940,705 Clinic Services 3,373,046,635 2,164,754,090 1,572,292,545 Sterilizations 373,7046,635 2,164,754,090 1,572,292,545 Sterilizations 3,940,708 75,352,746 18,054,342 Abortions 79,150 42,094 3,7056 EPSDT Screening 1,068,110,708 666,	Drug Rebate Offset - National	-11,779,987,492	-6,923,288,533	-4,856,698,959
MCO - State Sidebar Agreement -121,148,946 -74,395,800 -46,753,146 Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Dental Services 3,962,641,303 2,317,427,404 1,645,213,899 Other Practitioners Services - Reg. Payments 1,393,574,172 810,234,251 583,339,921 Other Practitioners Services - Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services 5,335,558,416 3,948,094,328 1,987,464,088 Laboratory/Radiological 1,667,289,085 1,064,005,905 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861	Drug Rebate Offset - State Sidebar Agreement	-830,042,652	-506,661,111	-323,381,541
Increased ACA OFFSET - Fee for Service -718,818,356 -718,818,356 0 Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Dental Services 3,962,641,303 2,317,427,404 1,645,213,899 Other Practitioners Services - Reg. Payments 18,466,131 9,525,428 8,940,703 Clinic Services 5,335,558,416 3,348,094,328 1,987,464,088 Laboratory/Radiological 1,657,289,085 1,064,005,905 593,283,180 Home Health Services 3737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 702,405,775 0 <	MCO - National Agreement	-6,125,641,045	-3,532,352,791	-2,593,288,254
Increased ACA OFFSET - MCO -373,934,776 -373,934,776 0 Dental Services 3,962,641,303 2,317,427,404 1,645,213,899 Other Practitioners Services - Reg. Payments 1,393,574,172 810,234,251 583,339,921 Other Practitioners Services - Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services 5,335,558,416 3,348,094,328 1,987,464,088 Laboratory/Radiological 1,667,289,085 1,064,005,905 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,772,42 Coinsurance 10,681,314,34 667,553,901 4,33,477,242	MCO - State Sidebar Agreement	-121,148,946	-74,395,800	-46,753,146
Dental Services 3,962,641,303 2,317,427,404 1,645,213,899 Other Practitioners Services - Reg. Payments 1,393,574,172 810,234,251 583,339,921 Other Practitioners Services - Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services 5,335,558,416 3,348,094,328 1,987,460,005 Laboratory/Radiological 1,657,289,085 1,064,005,905 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,78 666,927,918 401,182,859 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Me	Increased ACA OFFSET - Fee for Service	-718,818,356	-718,818,356	0
Other Practitioners Services - Reg. Payments 1,393,574,172 810,234,251 588,339,921 Other Practitioners Services - Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services 5,335,558,416 3,348,094,328 1,987,464,088 Laboratory/Radiological 1,657,289,085 1,064,005,905 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 70 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 <td>Increased ACA OFFSET - MCO</td> <td>-373,934,776</td> <td>-373,934,776</td> <td>0</td>	Increased ACA OFFSET - MCO	-373,934,776	-373,934,776	0
Other Practitioners Services - Sup. Payments 18,466,131 9,525,428 8,940,703 Clinic Services 5,335,558,416 3,348,094,328 1,987,464,088 Laboratory/Radiological 1,657,289,085 1,064,005,905 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,588,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 <td< td=""><td>Dental Services</td><td>3,962,641,303</td><td>2,317,427,404</td><td>1,645,213,899</td></td<>	Dental Services	3,962,641,303	2,317,427,404	1,645,213,899
Clinic Services 5,335,558,416 3,348,094,328 1,987,464,088 Laboratory/Radiological 1,657,289,085 1,064,005,905 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medic	Other Practitioners Services - Reg. Payments	1,393,574,172	810,234,251	583,339,921
Laboratory/Radiological 1,657,289,085 1,064,005,905 593,283,180 Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,661,303,143 627,553,901 433,477,242 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139	Other Practitioners Services - Sup. Payments	18,466,131	9,525,428	8,940,703
Home Health Services 3,737,046,635 2,164,754,090 1,572,292,545 Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid - MCO 48,812,659,150 103,233,498,135 63,137,030,815 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139	Clinic Services	5,335,558,416	3,348,094,328	1,987,464,088
Sterilizations 93,407,088 75,352,746 18,054,342 Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid MCO Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 <td>Laboratory/Radiological</td> <td>1,657,289,085</td> <td>1,064,005,905</td> <td>593,283,180</td>	Laboratory/Radiological	1,657,289,085	1,064,005,905	593,283,180
Abortions 79,150 42,094 37,056 EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid - MCO 166,370,528,950 103,233,498,135 63,137,030,815 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 4,926 4,926 0	Home Health Services	3,737,046,635	2,164,754,090	1,572,292,545
EPSDT Screening 1,068,110,768 666,927,918 401,182,850 Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid - MCO 166,370,528,950 103,233,498,135 63,137,030,815 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Sterilizations	93,407,088	75,352,746	18,054,342
Rural Health 911,279,803 552,484,965 358,794,838 Medicare - Part A 3,045,585,111 1,649,342,250 1,396,242,861 Medicare - Part B 10,279,407,148 5,945,145,707 4,334,261,441 120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid - MCO 166,370,528,950 103,233,498,135 63,137,030,815 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Abortions	79,150	42,094	37,056
Medicare - Part A3,045,585,1111,649,342,2501,396,242,861Medicare - Part B10,279,407,1485,945,145,7074,334,261,441120% - 134% Of Poverty702,405,775702,405,7750Coinsurance1,061,031,143627,553,901433,477,242Medicaid - MCO166,370,528,950103,233,498,13563,137,030,815Medicaid MCO - Evaluation and Management3,812,659,1503,831,215,494-18,556,344Medicaid MCO - Vaccine codes212,633,661213,284,375-650,714Medicaid MCO - Community First Choice17,035,31712,321,6464,713,671Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines20,62212,4838,139Prepaid Ambulatory Health Plan677,124,781449,920,888227,203,893MCO PAHP - Evaluation and Management2,150,5002,150,5000MCO PAHP - Vaccine codes4,9264,9260MCO PAHP - Community First Choice000	EPSDT Screening	1,068,110,768	666,927,918	401,182,850
Medicare - Part B10,279,407,1485,945,145,7074,334,261,441120% - 134% Of Poverty702,405,775702,405,7750Coinsurance1,061,031,143627,553,901433,477,242Medicaid - MCO166,370,528,950103,233,498,13563,137,030,815Medicaid MCO - Evaluation and Management3,812,659,1503,831,215,494-18,556,344Medicaid MCO - Vaccine codes212,633,661213,284,375-650,714Medicaid MCO - Community First Choice17,035,31712,321,6464,713,671Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines20,62212,4838,139Prepaid Ambulatory Health Plan677,124,781449,920,888227,203,893MCO PAHP - Evaluation and Management2,150,5002,150,5000MCO PAHP - Vaccine codes4,9264,9260MCO PAHP - Community First Choice000	Rural Health	911,279,803	552,484,965	358,794,838
120% - 134% Of Poverty 702,405,775 702,405,775 0 Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid - MCO 166,370,528,950 103,233,498,135 63,137,030,815 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Medicare - Part A	3,045,585,111	1,649,342,250	1,396,242,861
Coinsurance 1,061,031,143 627,553,901 433,477,242 Medicaid - MCO 166,370,528,950 103,233,498,135 63,137,030,815 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Medicare - Part B	10,279,407,148	5,945,145,707	4,334,261,441
Medicaid - MCO 166,370,528,950 103,233,498,135 63,137,030,815 Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	120% - 134% Of Poverty	702,405,775	702,405,775	0
Medicaid MCO - Evaluation and Management 3,812,659,150 3,831,215,494 -18,556,344 Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Coinsurance	1,061,031,143	627,553,901	433,477,242
Medicaid MCO - Vaccine codes 212,633,661 213,284,375 -650,714 Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Medicaid - MCO	166,370,528,950	103,233,498,135	63,137,030,815
Medicaid MCO - Community First Choice 17,035,317 12,321,646 4,713,671 Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Medicaid MCO - Evaluation and Management	3,812,659,150	3,831,215,494	-18,556,344
Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines 20,622 12,483 8,139 Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Medicaid MCO - Vaccine codes	212,633,661	213,284,375	-650,714
Prepaid Ambulatory Health Plan 677,124,781 449,920,888 227,203,893 MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Medicaid MCO - Community First Choice	17,035,317	12,321,646	4,713,671
MCO PAHP - Evaluation and Management 2,150,500 2,150,500 0 MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Medicaid MCO - Preventive Services Grade A OR B, ACIP Vaccines	20,622	12,483	8,139
MCO PAHP - Vaccine codes 4,926 4,926 0 MCO PAHP - Community First Choice 0 0 0	Prepaid Ambulatory Health Plan	677,124,781	449,920,888	227,203,893
MCO PAHP - Community First Choice 0 0 0	MCO PAHP - Evaluation and Management	2,150,500	2,150,500	0
·	MCO PAHP - Vaccine codes	4,926	4,926	0
MCO PAHP - Preventive Services Grade A OR B, ACIP Vaccines 0 0 0	MCO PAHP - Community First Choice	0	0	0
	MCO PAHP - Preventive Services Grade A OR B, ACIP Vaccines	0	0	0

Service Category	Total	Federal	State
Prepaid Inpatient Health Plan	11,737,555,264	7,254,840,850	4,482,714,414
MCO PIHP - Evaluation and Management	1,296,804	1,296,804	0
MCO PIHP - Vaccine codes	25,801	25,801	0
MCO PIHP - Community First Choice	6,508	3,644	2,864
MCO PIHP - Preventive Services Grade A OR B, ACIP Vaccines	0	0	0
Medicaid - Group Health	628,162,052	512,087,204	116,074,848
Medicaid - Coinsurance	153,688,786	148,651,792	5,036,994
Medicaid - Other	245,008,903	178,053,232	66,955,671
Home & Community-Based Services - Reg. PayWaiv)	38,215,911,807	21,802,185,226	16,413,726,581
Home & Community-Based Services - St. Plan 1915-i) Only Pay.	392,111,495	203,336,963	188,774,532
Home & Community-Based Services - St. Plan 1915-j) Only Pay.	248,265,197	134,268,323	113,996,874
Home & Community Based Services State Plan 1915-k) CFC	4,083,109,704	2,448,998,521	1,634,111,183
All-Inclusive Care Elderly	1,388,557,332	753,228,222	635,329,110
Personal Care Services - Reg. Payments	8,888,080,078	4,960,921,472	3,927,158,606
Personal Care Services - SDS 1915-j)	282,626,692	148,782,258	133,844,434
Targeted Case Management Services - Com. Case-Man.	2,259,548,203	1,328,311,389	931,236,814
Case Management - State Wide	504,120,444	286,640,193	217,480,251
Primary Care Case Management	485,867,210	305,844,826	180,022,384
Hospice Benefits	2,221,551,408	1,308,871,529	912,679,879
Emergency Services for Undocumented Aliens	2,203,408,229	1,208,434,688	994,973,541
Federally-Qualified Health Center	3,966,554,586	2,398,978,026	1,567,576,560
Non-Emergency Medical Transportation	1,694,312,612	1,042,991,856	651,320,756
Physical Therapy	168,513,215	103,094,593	65,418,622
Occupational Therapy	118,662,368	70,512,751	48,149,617
Services for Speech, Hearing & Language	220,754,051	131,557,382	89,196,669
Prosthetic Devices, Dentures, Eyeglasses	357,728,758	224,090,496	133,638,262
Diagnostic Screening & Preventive Services	58,955,397	38,305,191	20,650,206
Preventive Services Grade A OR B, ACIP Vaccines	36,854,243	19,417,195	17,437,048
Nurse Mid-Wife	311,965,182	207,336,905	104,628,277
Emergency Hospital Services	2,131,728,082	1,355,944,096	775,783,986
Critical Access Hospitals	711,803,233	453,628,744	258,174,489
Nurse Practitioner Services	191,655,812	126,022,478	65,633,334
School Based Services	2,995,376,667	1,692,438,689	1,302,937,978
Rehabilitative Services –non-school-based)	3,392,515,256	2,151,475,443	1,241,039,813
Private Duty Nursing	806,684,995	474,043,656	332,641,339
Freestanding Birth Center	9,151,777	6,041,618	3,110,159
Health Home w Chronic Conditions	474,669,146	390,172,554	84,496,592
Tobacco Cessation for Preg Women	123,254	81,276	41,978
Other Care Services	17,973,649,287	9,879,652,176	8,093,997,111
Balance	477,953,675,375	288,414,963,874	189,538,711,501
Collections	-7,941,770,432	-4,479,712,566	-3,462,057,866
64.21U Adjustments	0	0	0
Total Net Expenditures	470,011,904,943	283,935,251,308	186,076,653,635
Total Newly Eligible	23,817,704,129	23,817,707,598	-3,469
Total Not Newly	6,620,553,339	5,046,327,781	1,574,225,558
Total VIII Group	30,438,257,468	28,864,035,379	1,574,222,089

Table 23—CMS-64 Financial Management Report, Net Services, Administration Costs, Fiscal Year 2014

Family Planning	Service Category	Total	Federal	State
MMIS - Private Sector 687,288,118 50,262,683 127,035,455 Skilled Professional Medical Personnel - Other Agency 300,172,195 224,943,613 224,943,813 75,228,508 Skilled Professional Medical Personnel - Other Agency 349,844,160 262,383,132 87,461,028 Approved MMIS: Inhouse 534,492,655 400,860,046 133,832,009 Approved MMIS: Inhouse 2,688,870 1,388,893 1,299,977 Mechanized Systems: Private Sector 147,041,713 73,884,163 73,187,500 Mechanized Systems: Private Sector 147,041,713 73,884,163 73,187,500 Mechanized Systems: Not Approved under MMIS Procedures 18,878,402 9,439,204 9,439,198 Peer Review Organizations 21,955,783 977,905 778,787 TPL - Recovery 1,955,783 977,905 797,878 TPL - Recovery 1,955,783 977,905 797,878 TPL - Recovery 1,955,783 9,779,05 90,7878 TPL - Recovery 1,152,9192 764,609 764,683 TPL - Recovery 1,152,9192 764,609	Family Planning	33,852,201	30,466,987	3,385,214
Skilled Professional Medical Personnel - Other Agency 300.172,195 224,943,887 75,228,508 Skilled Professional Medical Personnel - Other Agency 349,844,160 262,383,132 87,461,028 Approved MMIS: Inhouse 1,568,802,329 1,167,477,923 401,324,406 Approved MMIS: Private 2,688,870 1,388,933 1,299,977 Mechanized Systems: Private Sector 147,041,713 73,854,163 73,187,550 Mechanized Systems: Private Sector 147,041,713 73,854,163 73,187,550 Mechanized Systems: Private Sector 147,041,713 73,854,163 73,187,550 Mechanized Systems: Private Sector 1,529,192 764,609 764,583 TPL - Recovery 1,552,7192 764,609 764,583 ITPL - Recovery 1,552,7192 764,609 764,583 Immigration Status 2,757,755 2,757,755 757,755 757,755 164,659 Resident Review 17,150,042 11,862,522 42,874,800 Drug Use Review 9,004,610 366,355 40,706 TANF Secondary 50% 0 0 </td <td>MMIS - Inhouse Activities</td> <td>115,070,284</td> <td>100,966,123</td> <td>14,104,161</td>	MMIS - Inhouse Activities	115,070,284	100,966,123	14,104,161
Skilled Professional Medical Personnel - Other Agency 34,944,160 262,383,132 87,461,028 Approved MMIS: Inhouse 1,568,802,329 40,086,0046 133,632,809 Approved MMIS: Private 1,568,802,329 1,167,477,923 401,324,406 Mechanized Systems: Private Sector 147,041,713 73,884,163 73,187,550 Mechanized Systems: Not Approved under MMIS Procedures 18,878,402 9,439,204 9,439,198 Merchanized Systems: Not Approved under MMIS Procedures 18,878,402 9,439,204 9,439,198 Merchanized Systems: Not Approved under MMIS Procedures 1,955,783 197,905 60,72,834 TPL - Recovery 1,955,783 197,905 764,583 1,72 - Recovery 1,980,638 9,940,274 9,940,264 1,72 - Recovery 1,980,638 9,940,374 9,940,264 1,72 - Recovery 1,980,638 9,940,274 28,106,795 Resident Review 17,150,042 12,862,562 42,874,80 Drug Use Review 17,50,404 5,039,83 39,174,00 Drug Use Review 28,266,994 41,996,99	MMIS - Private Sector	687,298,118	560,262,663	127,035,455
Approved MMIS: Inhouse 534,492.655 400,860,046 133,632,609 Approved MMIS: Private 1,568,802,329 1,167,477,923 401,324,406 Approved MMIS: Private 2,688,870 1,388,893 1,299,977 Mechanized Systems: Private Sector 147,041,713 73,185,160 73,187,550 Mechanized Systems: Private Sector 18,878,402 9,439,204 9,439,198 Peer Review Organizations 242,681,397 182,018,563 60,672,834 PFL - Recovery 1,955,763 977,605 977,878 TPL - Assignment Of Rights 1,529,192 764,609 764,583 Inmigration Status 2,757,755 2,757,755 0 764,683 Inmigration Status 1,880,638 9,940,374 9,40,264 Preadmission Screening 112,427,559 84,320,764 28,106,792 Resident Review 1,715,004 12,682,562 24,874,800 Drug Use Review 9,004,610 5,038,89 3,910,741 Oxta Na Secondary 30% 0 0 0 0 ASA Secondary 30%	Skilled Professional Medical Personnel - Single State Agency	300,172,195	224,943,687	75,228,508
Approved MMIS: Private 1,568,802,329 1,167,477,923 401,324,406 Mechanized Systems: In-House 2,688,870 1,388,8393 1,299,977 Mechanized Systems: Private Sector 147,041,713 73,684,163 73,187,550 Mechanized Systems: Private Sector 147,041,713 73,684,163 73,187,550 Mechanized Systems: Not Approved under MMIS Procedures 242,691,397 182,051 660,239 78,281,653 6672,834 79,391,935 676,650 73,187,550 Mechanized Systems: Not Approved under MMIS Procedures 18,878,402 9,439,204 9,439,198 6672,834 71,190,002 764,609 764,583 77,675,50 0 764,583 11,191,677,555 2,767,755 0 764,583 1,191,677,555 2,406,755 0 764,583 1,191,678,533 1,191,678,583 1,191,678,583 1,172,775 0 764,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,678,583 1,191,67	Skilled Professional Medical Personnel - Other Agency	349,844,160	262,383,132	87,461,028
Mechanized Systems - In-House 2,688,870 1,388,893 1,299,977 Mechanized Systems - Private Sector 147,041,713 73,854,163 73,185,550 Mechanized Systems - Not Approved under MMIS Procedures 18,878,402 9,493,204 9,439,198 Peer Review Organizations 242,691,397 182,018,563 60,672,834 TPL - Recovery 1,955,783 977,905 977,878 TPL - Assignment Of Rights 1,529,192 764,609 764,883 Inmigration Status 2,757,755 2,757,755 0 Nurse Aide Training Costs 19,880,638 9,940,374 9,402,64 Preadmission Screening 112,427,559 84,320,764 28,106,795 Resident Review 9,004,610 5,093,869 3,910,741 Outstationed Eligibility 9,995,052 46,497,562 46,497,500 TANF Base 407,061 366,355 40,706 TANE Secondary 90% 0 0 0 0 TANE Secondary 95% 55,35 45,25 46,497,500 Schemal Review 28,266,094 <	Approved MMIS: Inhouse	534,492,655	400,860,046	133,632,609
Mechanized Systems - Not Approved under MMIS Procedures 147,041,713 73,854,163 73,187,550 Mechanized Systems - Not Approved under MMIS Procedures 18,878,402 9,439,198 96,072,834 Peer Review Organizations 224,691,397 182,018,563 60,672,834 TPL - Recovery 1,955,783 977,905 977,678 TPL - Recovery 1,529,192 764,600 764,583 Immigration Status 1,529,192 764,600 764,583 Immigration Status 2,757,755 0.0 0.0 Nurse Aide Training Costs 112,427,559 84,320,764 2,810,679 Resident Review 17,150,042 12,862,562 4,287,480 Orug Use Review 9,004,610 5,636 3,910,741 Outstationed Eligibility 92,995,052 46,497,552 46,497,552 ANN F Secondary 90% 0 0 0 0 ASA Sea, Sea	Approved MMIS: Private	1,568,802,329	1,167,477,923	401,324,406
Mechanized Systems - Not Approved under MMIS Procedures 18,878,402 9,439,204 9,439,198 Peer Review Organizations 242,691,337 182,018,563 60,672,834 TPL - Recovery 1,955,783 977,905 977,878 TPL - Assignment Of Rights 1,529,192 764,609 764,683 Inmigration Status 2,757,7755 2,757,755 0 Nurse Aide Training Costs 19,880,638 9,940,374 9,940,264 Preadmission Screening 112,427,559 84,320,764 28,106,795 Resident Review 7,150,042 12,862,562 4,287,480 Drug Use Review 9,004,610 5,093,869 3,910,741 Outstationed Eligibility 92,995,052 46,497,552 46,497,500 TANF Secondary 90% 0 0 0 0 TANF Secondary 75% 55,535 41,662 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,088 External Review 2,273,675 21,038,833<	Mechanized Systems - In-House	2,688,870	1,388,893	1,299,977
Mechanized Systems - Not Approved under MMIS Procedures 18,878,402 9,439,204 9,439,198 Peer Review Organizations 242,691,337 182,018,563 60,672,834 TPL - Recovery 1,955,783 977,905 977,878 TPL - Assignment Of Rights 1,529,192 764,609 764,683 Inmigration Status 2,757,7755 2,757,755 0 Nurse Aide Training Costs 19,880,638 9,940,374 9,940,264 Preadmission Screening 112,427,559 84,320,764 28,106,795 Resident Review 7,150,042 12,862,562 4,287,480 Drug Use Review 9,004,610 5,093,869 3,910,741 Outstationed Eligibility 92,995,052 46,497,552 46,497,500 TANF Secondary 90% 0 0 0 0 TANF Secondary 75% 55,535 41,662 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,088 External Review 2,273,675 21,038,833<	Mechanized Systems: Private Sector		73,854,163	73,187,550
TPL - Recovery 1,955,783 977,905 977,876 TPL - Assignment Of Rights 1,529,192 764,609 764,583 Immigration Status 2,757,755 2,757,755 0 Nurse Aide Training Costs 119,880,638 9,940,374 9,940,264 Preadmission Screening 112,427,559 84,320,764 28,106,795 Resident Review 17,150,042 12,862,562 4,287,480 Drug Use Review 90,004,610 5,093,669 3,910,741 Outstationed Eligibility 92,995,052 46,497,550 46,497,550 TANF Secondary 90% 0 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,983 County/Local ADM Costs 3,273,938,091 1,636,690,074 1,636,690,074 1,720,174,291 Interagency Costs –S	Mechanized Systems - Not Approved under MMIS Procedures	18,878,402	9,439,204	9,439,198
TPL - Assignment Of Rights	Peer Review Organizations	242,691,397	182,018,563	60,672,834
Immigration Status 2,757,755 2,757,755 0 Nurse Aide Training Costs 19,880,638 9,940,374 9,940,679 Preadmission Screening 112,427,559 84,320,764 28,106,795 Resident Review 17,150,042 12,862,562 42,874,80 Drug Use Review 9,004,610 5,093,869 3,910,741 Outstationed Eligibility 92,995,052 46,497,552 46,675,500 TANF Base 407,061 366,355 40,706 TANF Secondary 90% 0 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 193,024,218 96,121,38 96,512,080 School Based Administration 1,041,676,603 550,383,293 520,383,291 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,980,101 Interagency Costs –State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 22,519,203 115,889,412 5,629,791 Health Insurance Techonology Administr	TPL - Recovery	1,955,783	977,905	977,878
Immigration Status 2,757,755 2,757,755 0 Nurse Aide Training Costs 19,880,638 9,940,374 9,940,679 Preadmission Screening 112,427,559 84,320,764 28,106,795 Resident Review 17,150,042 12,862,562 42,874,80 Drug Use Review 9,004,610 5,093,869 3,910,741 Outstationed Eligibility 92,995,052 46,497,552 46,675,500 TANF Base 407,061 366,355 40,706 TANF Secondary 90% 0 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 193,024,218 96,121,38 96,512,080 School Based Administration 1,041,676,603 550,383,293 520,383,291 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,980,101 Interagency Costs –State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 22,519,203 115,889,412 5,629,791 Health Insurance Techonology Administr	TPL - Assignment Of Rights	1,529,192	764,609	764,583
Nurse Aide Training Costs 19,880,638 9,940,374 9,940,264 Preadmission Screening 112,427,559 84,320,764 28,106,795 Resident Review 17,150,042 12,862,562 4,287,480 Drug Use Review 9,004,610 5,093,869 3,910,741 Outstationed Eligibility 92,995,052 46,497,552 46,7500 TANF Secondary 90% 0 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 21,038,832 320,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,038,832 32,038,293 County/Local ADM Costs 3,273,938,091 1,636,969,074 1,720,174,291 Interagency Costs ~5tate Level) 3,273,938,091 1,636,969,074 1,720,174,291 Interspace Cost of Private Contractors 17,40 15,660,934 1,720,174,291 <				_
Preadmission Screening 112,427,559 84,320,764 28,106,795 Resident Review 17,150,042 12,862,562 4,287,480 Drug Use Review 9,004,610 5,093,889 3,910,741 Outstationed Eligibility 92,995,052 46,497,552 46,497,500 TANF Base 407,061 366,355 40,706 TANF Secondary 90% 0 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrityl Fraud, Waste, and Abuse Activities 3,273,938,091 1,636,969,074 1,636,969,074 Interagency Costs – State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Interagency Costs – State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Interagency Cost of Inhouse Activities 1,740 1,626,969,471 1,626,969,471 Interplanning: Cost o				9,940,264
Resident Review 17,150,042 12,862,562 4,287,480 Drug Use Review 9,004,610 5,093,869 3,910,741 Outstationed Eligibility 92,995,652 46,497,552 46,497,500 TANF Base 407,061 366,355 40,706 TANF Secondary 90% 0 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,792 County/Local ADM Costs 3,273,938,091 1,636,969,074 1,636,969,017 Interagency Costs - State Level) 3,440,346,767 1,721,744,476 1,720,174,291 Translation and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 0 0 0 HIT: Implementation and Operati	· · · · · · · · · · · · · · · · · · ·			
Drug Use Review 9,004,610 5,093,869 3,910,741 Outstationed Eligibility 92,995,052 46,497,552 46,497,500 TANF Ses 407,061 366,355 40,706 TANF Secondary 90% 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,882 20,383,291 County/Local ADM Costs 3,273,938,091 1,636,969,074 1,636,969,017 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Interagency Costs of In-house Activities 1 1 1 6 HIT: Implaming: Cost of In-house Activities 1 1 1 0 0 HIT: Implementation and Operation: Cost of In-house Activities 3,285,589 31,757,037 3,528,558	•			
Outstationed Eligibility 92,995,052 46,497,552 46,497,501 TANF Base 407,061 366,355 40,706 TANF Secondary 90% 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,990,07 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,476 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,476 Halth Insurance Technology Administration 0 0 0 0 HIT: Planning: Cost of In-house Activities -1 -1 0 HIT: Planning: Cost of Private Contractors 33,73,938,377,417 75,579,699 8,397,732 HIT: Implementation and Operation: Cost of Private Contractors 33,377,417 938,357,417	Drug Use Review			
TANF Base 407,061 366,355 40,706 TANF Secondary 90% 0 0 0 TANF Secondary 75% 55,535 41,652 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,883 21,036,883 21,036,883 21,036,899,017 Interagency Costs – State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 22,519,203 16,889,412 5,629,791 HIT: Implementation and Operation: Cost of In-house Activities 35,285,589 31,757,037 3,528,552 HIT: Implementation and Operation: Cost of Private Contractors 83,977,431 75,579,699 8,397,732 </td <td>-</td> <td></td> <td></td> <td></td>	-			
TANF Secondary 75% 55,55 41,652 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,792 County/Local ADM Costs 3,273,938,901 1,636,969,074 1,636,969,017 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Interagency Costs of State Levely 3,440,348,767 1,720,174,476 1,720,174,291 Interagency Costs of In-house Activities -1 -1 0 Integration and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 0 0 0 HIT: Implementation and Operation: Cost of Private Contractors 17,400 15,660 1,740 HIT: Implementation and Operation: Cost of Private Contractors 38,377,431 75,579,699 8,397,732 HIT: Incentive Payments: Eligible Professiona	• •			
TANF Secondary 75% 55,535 41,652 13,883 External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,792 County/Local ADM Costs 3,273,938,091 1,636,969,074 1,636,969,017 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 22,519,203 16,889,412 5,629,791 HIT: Implementation and Operation: Cost of In-house Activities 31,700 0 0 HIT: Implementation and Operation: Cost of Private Contractors 83,977,431 75,579,699 8,397,732 HI				
External Review 28,266,094 21,199,613 7,066,481 Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,792 County/Local ADM Costs 3,273,938,091 1,636,969,074 1,636,969,017 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 0 0 0 HIT: Planning: Cost of In-house Activities 17,400 15,660 1,740 HIT: Implementation and Operation: Cost of In-house Activities 35,285,589 31,757,037 3,528,552 HIT: Implementation and Operation: Cost of Private Contractors 83,977,411 75,579,699 8,397,733 HIT Incentive Payments: Eligible Professionals 1,365,463,430 1,365,463,430 0 0 HIT Incentive Payments: Eligible Professionals 1,365,463,430 1,365,463,430 <td< td=""><td></td><td>55,535</td><td>41,652</td><td>13,883</td></td<>		55,535	41,652	13,883
Enrollment Brokers 193,024,218 96,512,138 96,512,080 School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,792 County/Local ADM Costs 3,273,938,091 1,636,969,074 1,636,969,017 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 0 0 0 0 Health Insurance Technology Administration 0 0 0 0 HIT: Planning: Cost of In-house Activities -1 -1 -1 0 HIT: Planning: Cost of Private Contractors 17,400 15,660 1,740 HIT: Implementation and Operation: Cost of Private Contractors 33,278,589 31,757,037 3,528,552 HIT: Implementation and Operation: Cost of Private Contractors 938,357,417 938,357,417 0 HIT Incentive Payments: Eligible Professionals 1,365,463,430 1,365,463,430 0 Citizenship Verification Technology CHIPRA 0 0 0				
School Based Administration 1,041,676,503 520,838,293 520,838,210 Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,792 County/Local ADM Costs 3,273,938,091 1,636,969,074 1,636,969,017 Interagency Costs – State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 0 0 0 HIT: Implementation Scost of In-house Activities -1 -1 0 HIT: Implementation and Operation: Cost of In-house Activities 35,285,589 31,757,037 3,528,552 HIT: Implementation and Operation: Cost of Private Contractors 83,977,431 75,579,699 8,397,732 HIT Incentive Payments: Eligible Professionals 938,357,417 938,357,417 0 0 HIT Incentive Payments: Eligible Hospitals 1,365,463,430 1,365,463,430 0 0 Citizenship Verification Technology CHIPRA 0 0 0 0 CVT Operation CHIPRA 0 0				
Program Integrity/Fraud, Waste, and Abuse Activities 42,073,675 21,036,883 21,036,992 County/Local ADM Costs 3,273,938,091 1,636,969,074 1,636,969,017 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 0 0 0 HIT: Planning: Cost of In-house Activities -1 -1 0 HIT: Implamentation and Operation: Cost of In-house Activities 35,285,589 31,757,037 3,528,552 HIT: Implementation and Operation: Cost of Private Contractors 83,977,431 75,579,699 8,397,732 HIT Incentive Payments: Eligible Professionals 938,357,417 938,357,417 0 HIT Incentive Payments: Eligible Hospitals 1,365,463,430 1,365,463,430 0 Citizenship Verification Technology CHIPRA 0 0 0 CVT Development CHIPRA 0 0 0 CVT Operation CHIPRA 0 0 0 Recovery Audit Contractors State Administration <				
County/Local ADM Costs 3,273,938,091 1,636,969,074 1,636,969,017 Interagency Costs - State Level) 3,440,348,767 1,720,174,476 1,720,174,291 Translation and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 0 0 0 HIT: Planning: Cost of In-house Activities -1 -1 0 HIT: Planning: Cost of Private Contractors 17,400 15,660 1,740 HIT: Implementation and Operation: Cost of In-house Activities 35,285,589 31,757,037 3,528,552 HIT: Implementation and Operation: Cost of Private Contractors 83,977,431 75,579,699 8,397,732 HIT Incentive Payments: Eligible Professionals 938,357,417 938,357,417 0 HIT Incentive Payments: Eligible Hospitals 1,365,463,430 0 0 Citizenship Verification Technology CHIPRA 0 0 0 CVT Development CHIPRA 0 0 0 CVT Operation CHIPRA 0 0 0 Recovery Audit Contractors Contigency Fee 0 0				
Interagency Costs - State Level)	· · · · · · · · · · · · · · · · · · ·			
Translation and Interpretation 22,519,203 16,889,412 5,629,791 Health Insurance Technology Administration 0 0 0 HIT: Planning: Cost of In-house Activities -1 -1 0 HIT: Implementation and Operation: Cost of In-house Activities 35,285,589 31,757,037 3,528,552 HIT: Implementation and Operation: Cost of Private Contractors 83,977,431 75,579,699 8,397,732 HIT Incentive Payments: Eligible Professionals 938,357,417 938,357,417 0 HIT Incentive Payments: Eligible Hospitals 1,365,463,430 1,365,463,430 0 Citizenship Verification Technology CHIPRA 0 0 0 CVT Development CHIPRA 0 0 0 CVT Operation CHIPRA 0 0 0 Planning for Health Home for Enrollees with Chronic Conditions 877,003 545,371 331,632 Recovery Audit Contractors Contigency Fee 0 0 0 Cost of In-house Activities 363,637,203 324,308,299 39,328,904 Design Development/Installation of Medicaid Eligibility Determination Systems – Cost of Pr	•			
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Operation of an Approved Medicaid Eligibility Determination Systems - Cost of In-house Activities Operation of an Approved Medicaid Eligibility Determination Sys Cost of Private Sec. Contractors 43,070,562 32,302,933 10,767,629 140,467,682 105,350,769 35,116,913		917 936 962	830 502 555	87 434 407
- Cost of In-house Activities Operation of an Approved Medicaid Eligibility Determination Sys Cost of Private Sec. Contractors 43,070,362 32,302,933 10,767,629 140,467,682 105,350,769 35,116,913		017,000,002	000,002,000	07,101,107
Operation of an Approved Medicaid Eligibility Determination Sys. – Cost of Private Sec. Contractors 140,467,682 105,350,769 35,116,913		43,070,562	32,302,933	10,767,629
Cost of Private Sec. Contractors				
		140,467,682	105,350,769	35,116,913
		526,007,983	394,506,003	131,501,980

Service Category	Total	Federal	State
Eligibility Determination Staff - Cost of Private Sector Contractors	127,544,572	95,658,443	31,886,129
Eligibility Determination Staff - Cost of In-house Activities - 50% FFP	137,065,660	68,532,843	68,532,817
Eligibility Determination Staff - Cost of Private Sector Contractors - 50% FFP	-24,956,885	-12,478,438	-12,478,447
Non-Emergency Medical Transportation	197,346,879	98,673,450	98,673,429
Other Financial Participation	7,249,323,347	3,624,661,877	3,624,661,470
Balance	24,408,724,695	15,188,272,207	9,220,452,488
Collections	-9,257,868	-6,847,615	-2,410,253
Total Net Expenditures	24,399,466,827	15,181,424,592	9,218,042,235