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**Table 1**

**Description of State-Reported Data for MMD Perinatal Project: Reporting Year, Data Linkage, and Birth Certificate Standard Used**

<b>State</b>	<b>Reporting Year</b>	<b>Birth Certificate Data Linked to Medicaid Data for These Analyses?</b>	<b>Birth Certificate Standard Used</b>
AK	2011	Yes	1989
AL	2011	No	1989
CA	2011	No	2003
CO	2011	No	2003
CT	2010	Yes	1989
FL	2012	No	2003
IA	2011	Yes	2003
ID	2011	No	2003
LA	2011	Yes	2003
MA	2010	No	1989
MN	2010	Yes	1989
NC	2011	Yes	2003
OH	2010	Yes	2003
OR	2011	Yes	2003
PA	2010	No	2003
SD	2011	No	2003
TN	2011	Yes	2003
UT	2011	No	2003
VT	2011	Yes	2003
WA	2011	Yes	2003
WI	2010	Yes	2003
WV	2011	No	1989

Note: States identified Medicaid births using birth certificates only (unlinked data) or used data files that linked birth certificates to Medicaid administrative data (linked data). States used one of the two versions of the U.S. Standard Certificate of Live Birth, either the 1989 Unrevised Version (1989) or the 2003 Revised Version (2003).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 2****Medicaid Singleton Births as a Percentage of All Singleton Births, by State, 2010**

	<b>All Payer Singleton Births (2010)</b>	<b>Medicaid Singleton Births (2010)</b>	<b>Medicaid Singleton Births (2010)/ All Payer Singleton Births (2010)</b>
<b>AK</b>	11,128	4,746	42.6%
<b>AL</b>	57,841	32,369	56.0%
<b>CA</b>	494,267	250,268	50.6%
<b>CO</b>	64,129	25,999	40.5%
<b>CT</b>	35,937	13,988	38.9%
<b>FL</b>	207,812	131,172	63.1%
<b>IA</b>	37,301	15,358	41.2%
<b>ID</b>	22,466	10,143	45.1%
<b>LA</b>	60,245	41,895	69.5%
<b>MA</b>	69,535	26,075	37.5%
<b>MN</b>	66,159	27,716	41.9%
<b>NC</b>	118,063	60,653	51.4%
<b>OH</b>	134,103	62,040	46.3%
<b>OR</b>	44,014	20,072	45.6%
<b>PA</b>	138,009	51,207	37.1%
<b>SD</b>	11,438	4,735	41.4%
<b>TN</b>	76,998	39,269	51.0%
<b>UT</b>	50,567	17,597	34.8%
<b>VT</b>	6,009	2,756	45.9%
<b>WA</b>	83,677	38,250	45.7%
<b>WI</b>	66,225	31,332	47.3%
<b>ALL</b>	<b>1,855,923</b>	<b>907,640</b>	<b>48.9%</b>

Source: All payer singleton births (2010) is from March of Dimes analysis of National Center for Health Statistics, final natality data, retrieved from [marchofdimes.com/peristats](http://marchofdimes.com/peristats). Medicaid singleton births (2010) was reported by states to AcademyHealth for the MMD Perinatal Project.

Notes: Medicaid Singleton Births are reported from linked data sets for states that used linked data for this analysis. (See Table 1 for a list of states that used linked data.) States that relied on birth certificates for the analysis provided the number of Medicaid births in 2010 from Medicaid claims data. Due to missing data, West Virginia was excluded.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 3**  
**Medicaid Singleton Births by Type of Delivery, by Gestational Age**

	Births	Inductions	Elective Inductions	C-Sections	Elective C-Sections	Elective Deliveries	Non-Elective Deliveries
<b>Gestational Age</b>							
34 Weeks to < 37 Weeks	52,094	7,256	3,553	15,201	8,807	12,360	39,734
Total Under 37 Weeks	69,962	8,488	3,827	22,918	12,297	16,124	53,838
37 to < 39 Weeks	215,744	33,817	22,413	54,820	36,594	59,007	156,737
37 to 41 Weeks	764,472	173,192	130,108	190,770	124,551	254,659	509,813
Total Under 39 Weeks	285,706	42,305	26,240	77,738	48,891	75,131	210,575
39 to 41 Weeks	548,728	139,375	107,695	135,737	87,957	195,652	353,076
All Gestational Ages	839,688	183,306	134,152	214,359	136,726	270,878	568,810

Column Percents

34 Weeks to < 37 Weeks	6.2%	4.0%	2.6%	7.1%	6.5%	4.6%	7.0%
Total Under 37 Weeks	8.3%	4.6%	2.9%	10.7%	9.1%	6.0%	9.5%
37 to < 39 Weeks	25.7%	18.4%	16.7%	25.6%	26.6%	21.8%	27.6%
37 to 41 Weeks	91.0%	94.5%	97.0%	89.0%	90.9%	94.0%	89.6%
Total Under 39 Weeks	34.0%	23.1%	19.6%	36.3%	35.6%	27.7%	37.0%
39 to 41 Weeks	65.4%	76.0%	80.3%	63.3%	64.3%	72.2%	62.1%
All Gestational Ages	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Row Percents

34 Weeks to < 37 Weeks	100.0%	13.9%	6.8%	29.2%	16.9%	23.7%	76.3%
Total Under 37 Weeks	100.0%	12.1%	5.5%	32.8%	17.6%	23.0%	77.0%
37 to < 39 Weeks	100.0%	15.7%	10.4%	25.4%	17.0%	27.4%	72.6%
37 to 41 Weeks	100.0%	22.7%	17.0%	25.0%	16.3%	33.3%	66.7%
Total Under 39 Weeks	100.0%	14.8%	9.2%	27.2%	17.1%	26.3%	73.7%
39 to 41 Weeks	100.0%	25.4%	19.6%	24.7%	16.0%	35.7%	64.3%
<b>All Gestational Ages</b>	100.0%	21.8%	16.0%	25.5%	16.3%	32.3%	67.7%

Notes: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Births over 41 weeks gestational age (or with missing gestational age) are included in the counts of total births, but are not shown separately. Non-elective deliveries are medically indicated planned deliveries and spontaneous deliveries (= births - elective inductions - elective C-sections). Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a C-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding and a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 4****Medicaid Singleton Births by Type of Delivery, by Gestational Age as a Percentage of All Medicaid Singleton Births**

<b>Gestational Age</b>	<b>Births</b>	<b>Inductions</b>	<b>Elective Inductions</b>	<b>C-Sections</b>	<b>Elective C-Sections</b>	<b>Elective Deliveries</b>	<b>Non-Elective Deliveries</b>
34 Weeks to < 37 Weeks	6.2%	0.9%	0.4%	1.8%	1.0%	1.5%	4.7%
Total Under 37 Weeks	8.3%	1.0%	0.5%	2.7%	1.5%	1.9%	6.4%
37 to < 39 Weeks	25.7%	4.0%	2.7%	6.5%	4.4%	7.0%	18.7%
37 to 41 Weeks	91.0%	20.6%	15.5%	22.7%	14.8%	30.3%	60.7%
Total Under 39 Weeks	34.0%	5.0%	3.1%	9.3%	5.8%	8.9%	25.1%
39 to 41 Weeks	65.3%	16.6%	12.8%	16.2%	10.5%	23.3%	42.0%
<b>All Gestational Ages</b>	<b>100.0%</b>	<b>21.8%</b>	<b>16.0%</b>	<b>25.5%</b>	<b>16.3%</b>	<b>32.3%</b>	<b>67.7%</b>

Notes: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Medicaid Singleton Births = 839,688 (See Table 3). Non-elective deliveries are medically indicated planned deliveries and spontaneous deliveries (= births - elective inductions - elective c-sections). Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding and a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 5**  
**Medicaid Singleton Births by Type, by Demographic Characteristics of Mothers**

				Early Term Elective Inductions (37 to < 39 Weeks)	Preterm Elective Inductions (< 37 Weeks)	C-Sections		Early Term Elective C-Sections (37 to < 39 Weeks)	Preterm Elective C-Sections (< 37 Weeks)	Elective Deliveries
<b>All</b>	<b>100%</b>	<b>21.8%</b>	<b>16.4%</b>	<b>2.7%</b>	<b>0.47%</b>	<b>26.0%</b>	<b>16.7%</b>	<b>4.5%</b>	<b>1.5%</b>	<b>33.1%</b>
<b>Maternal Age</b>										
<20 yrs	100%	24.9%	19.0%	3.0%	0.54%	17.3%	8.7%	2.1%	0.9%	27.7%
20-24 yrs	100%	23.3%	17.9%	2.9%	0.48%	23.3%	14.4%	3.7%	1.2%	32.3%
25-29 yrs	100%	20.8%	15.7%	2.7%	0.43%	28.1%	18.8%	5.0%	1.5%	34.5%
30-34 yrs	100%	19.2%	13.8%	2.4%	0.41%	31.2%	21.3%	5.9%	2.0%	35.1%
>34 yrs	100%	18.3%	12.4%	2.3%	0.50%	36.5%	24.3%	7.3%	2.7%	36.7%
<b>Maternal Race</b>										
White	100%	22.8%	17.5%	2.8%	0.42%	26.4%	17.3%	4.6%	1.5%	34.8%
Black or African American	100%	22.3%	15.6%	3.0%	0.66%	26.2%	15.9%	4.2%	1.8%	31.5%
Asian/Pacific Islander	100%	14.5%	10.4%	1.6%	0.33%	22.9%	14.1%	3.7%	1.2%	24.5%
Native American	100%	21.1%	15.0%	2.7%	0.48%	22.7%	14.0%	3.5%	1.3%	29.0%
Other	100%	17.3%	12.8%	2.2%	0.47%	23.9%	15.1%	4.0%	1.4%	27.9%
Multiple Responses	100%	19.0%	15.3%	2.4%	0.39%	27.6%	18.8%	4.8%	1.6%	34.1%
<b>Maternal Ethnicity</b>										
Hispanic	100%	14.5%	11.6%	1.8%	0.34%	27.6%	19.9%	5.5%	1.6%	31.6%
Non-Hispanic	100%	25.5%	18.7%	3.2%	0.53%	25.3%	13.8%	3.6%	1.3%	32.6%
<b>Maternal Education</b>										
< High School	100%	18.2%	13.8%	2.4%	0.43%	25.2%	17.1%	4.8%	1.6%	30.9%
High School Graduate or GED	100%	22.6%	17.0%	2.9%	0.48%	26.1%	16.5%	4.4%	1.5%	33.5%
<b>Some College +</b>	100%	22.3%	17.8%	2.9%	0.44%	26.8%	16.5%	4.2%	1.4%	34.3%
Some College	100%	22.1%	18.3%	3.0%	0.48%	26.3%	16.1%	4.2%	1.4%	34.4%
Associate's Degree	100%	24.3%	18.1%	2.9%	0.41%	28.5%	17.6%	4.6%	1.5%	35.7%
Bachelor's Degree	100%	22.0%	16.0%	2.5%	0.34%	27.4%	16.5%	4.2%	1.3%	32.5%
Master's Degree	100%	20.1%	14.1%	2.0%	0.32%	27.9%	18.7%	4.3%	1.4%	32.8%
Doctorate or Professional Degree	100%	19.3%	15.0%	2.3%	0.19%	29.9%	23.1%	5.0%	1.5%	38.0%

Note: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Some College + includes all individuals with some college and beyond. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding and a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

Table 5, continued

## Medicaid Singleton Births by Type, by Demographic Characteristics of Mothers

	Early Elective Deliveries (< 39 Weeks)	Early Elective Inductions (<39 Weeks)	Early Elective C-Sections (<39 Weeks)	Full-Term Elective Deliveries (39 to 41 Weeks)	Full-Term Elective Inductions (39 to 41 Weeks)	Full-Term Elective C-Sections (39 to 41 Weeks)
<b>All</b>	<b>9.2%</b>	<b>3.2%</b>	<b>6.0%</b>	<b>23.9%</b>	<b>13.2%</b>	<b>10.7%</b>
<b>Maternal Age</b>						
<20 yrs	6.6%	3.6%	2.7%	21.1%	15.4%	5.7%
20-24 yrs	8.3%	3.4%	4.9%	24.0%	14.5%	9.5%
25-29 yrs	9.7%	3.1%	6.6%	24.9%	12.6%	12.3%
30-34 yrs	10.7%	2.8%	7.9%	24.4%	11.0%	13.4%
>34 yrs	12.7%	2.8%	9.9%	24.0%	9.6%	14.3%
<b>Maternal Race</b>						
White	9.3%	3.2%	6.1%	25.5%	14.3%	11.2%
Black or African American	9.6%	3.6%	6.0%	21.8%	11.9%	9.9%
Asian/Pacific Islander	6.7%	1.9%	4.8%	17.8%	8.5%	9.3%
Native American	7.9%	3.2%	4.8%	21.1%	11.9%	9.2%
Other	8.1%	2.7%	5.4%	19.8%	10.1%	9.7%
Multiple Responses	9.2%	2.8%	6.4%	25.0%	12.5%	12.5%
<b>Maternal Ethnicity</b>						
Hispanic	9.3%	2.2%	7.1%	22.2%	9.4%	12.8%
Non-Hispanic	8.7%	3.7%	5.0%	23.9%	15.0%	8.9%
<b>Maternal Education</b>						
< High School	9.1%	2.8%	6.3%	21.8%	11.0%	10.8%
High School Graduate or GED	9.2%	3.3%	5.8%	24.3%	13.6%	10.6%
<b>Some College +</b>	<b>9.0%</b>	<b>3.3%</b>	<b>5.7%</b>	<b>25.3%</b>	<b>14.5%</b>	<b>10.8%</b>
Some College	9.1%	3.4%	5.6%	25.3%	14.9%	10.5%
Associate's Degree	9.5%	3.3%	6.1%	26.2%	14.7%	11.5%
Bachelor's Degree	8.3%	2.8%	5.4%	24.3%	13.2%	11.1%
Master's Degree	8.0%	2.3%	5.7%	24.8%	11.8%	13.0%
Doctorate or Professional Degree	8.9%	2.5%	6.4%	29.1%	12.5%	16.6%

Note: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Some College + includes all individuals with some college and beyond. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding and a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

Table 6.1

## Medicaid Singleton Births by Type of Delivery, by Other Characteristics of Mother or Delivery [Row Percents]

	Births	Inductions	Elective Inductions	Early Term	Preterm	C-Sections	Elective C-Sections	Early Term	Preterm	Elective Deliveries
				(37 to < 39 Weeks)	(< 37 Weeks)			(37 to < 39 Weeks)	(< 37 Weeks)	
<b>All</b>	<b>100%</b>	<b>21.8%</b>	<b>16.4%</b>	<b>2.7%</b>	<b>0.47%</b>	<b>26.0%</b>	<b>16.7%</b>	<b>4.4%</b>	<b>1.5%</b>	<b>33.1%</b>
<b>Birth Attendant Type</b>										
Physician	100%	22.0%	16.4%	2.8%	0.47%	28.7%	18.4%	4.9%	1.7%	34.8%
Nurse Midwife	100%	21.4%	16.9%	2.6%	0.37%	1.3%	2.2%	0.6%	0.2%	19.2%
<b>Pregnancy History (Number of Previous Pregnancies)</b>										
Zero	100%	27.0%	18.8%	2.9%	0.53%	22.3%	9.7%	2.0%	1.0%	28.5%
One	100%	19.9%	15.9%	2.6%	0.40%	28.7%	18.9%	5.0%	1.4%	34.9%
Two or More	100%	19.1%	14.6%	2.7%	0.47%	27.8%	20.5%	6.0%	1.9%	35.1%
<b>Cesarean Section History</b>										
Yes	100%	3.1%	2.2%	0.5%	0.11%	87.3%	68.2%	19.5%	4.6%	70.3%
No	100%	24.7%	18.1%	3.0%	0.52%	15.7%	8.9%	2.2%	1.0%	27.0%
<b>Mother's Tobacco Use</b>										
Smoked During Pregnancy	100%	26.7%	19.4%	3.6%	0.6%	26.1%	14.7%	4.0%	1.6%	34.1%
Did Not Smoke During Pregnancy	100%	20.9%	15.8%	2.6%	0.4%	26.0%	17.0%	4.5%	1.5%	32.8%

Note: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Physician includes M.D.s and D.O.s; Nurse Midwife includes Certified Nurse Midwives and Other Midwives. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding and a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.



**Table 6.1, continued**

**Medicaid Singleton Births by Type of Delivery, by Other Characteristics of Mother or Delivery [Row Percents]**

	Early Elective Deliveries (< 39 Weeks)	Early Elective Inductions (<39 Weeks)	Early Elective C-Sections (<39 Weeks)	Full-Term Elective Deliveries (39 to 41 Weeks)	Full-Term Elective Inductions (39 to 41 Weeks)	Full-Term Elective C-Sections (39 to 41 Weeks)
<b>All</b>	9.2%	3.2%	6.0%	23.9%	13.2%	10.7%
<b>Birth Attendant Type</b>						
Physician	9.8%	3.2%	6.6%	25.0%	13.2%	11.8%
Nurse Midwife	3.8%	3.0%	0.8%	15.4%	14.0%	1.5%
<b>Pregnancy History (Number of Previous Pregnancies)</b>						
Zero	6.4%	3.4%	3.0%	22.0%	15.3%	6.7%
One	9.4%	3.0%	6.4%	25.5%	12.9%	12.5%
Two or More	11.1%	3.2%	7.9%	24.0%	11.5%	12.5%
<b>Cesarean Section History</b>						
Yes	24.8%	0.6%	24.2%	45.6%	1.6%	44.0%
No	6.7%	3.5%	3.2%	20.3%	14.5%	5.7%
<b>Mother's Tobacco Use</b>						
Smoked During Pregnancy	9.7%	4.1%	5.6%	24.4%	15.3%	9.1%
Did Not Smoke During Pregnancy	9.0%	3.0%	6.0%	23.8%	12.8%	11.0%

Note: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Physician includes M.D.s and D.O.s; Nurse Midwife includes Certified Nurse Midwives and Other Midwives. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding and a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 6.2****Medicaid Singleton Births by Type of Delivery, by Other Characteristics of Mother or Delivery [Row Percents]**

	Births	Inductions	Elective Inductions	Early Term Elective Inductions (37 to < 39 Weeks)	Preterm Elective Inductions (< 37 Weeks)	C-Sections	Elective C-Sections	Early Term Elective C-Sections (37 to < 39 Weeks)	Preterm Elective C-Sections (< 37 Weeks)	Elective Deliveries
<b>All [for 14 States Reporting BMI]</b>	<b>100%</b>	<b>20.8%</b>	<b>15.7%</b>	<b>2.5%</b>	<b>0.40%</b>	<b>26.5%</b>	<b>17.0%</b>	<b>4.6%</b>	<b>1.5%</b>	32.7%
<b>Mother's Pre-Pregnancy Body Mass Index</b>										
Underweight (<18.5 kg/m <sup>2</sup> )	100%	19.2%	15.9%	3.3%	0.6%	18.6%	11.4%	3.4%	1.5%	27.3%
Normal weight (≥18.5 and ≤ 25 kg/m <sup>2</sup> )	100%	19.8%	15.9%	2.6%	0.4%	21.8%	14.0%	3.8%	1.4%	29.9%
Overweight (> 25 and ≤ 30 kg/m <sup>2</sup> )	100%	20.5%	15.6%	2.4%	0.4%	27.6%	18.2%	4.8%	1.5%	33.7%
Obese (>30 and <40 kg/m <sup>2</sup> )	100%	22.8%	15.9%	2.4%	0.5%	33.4%	21.6%	5.8%	1.7%	37.5%
Morbidly Obese (≥40 kg/m <sup>2</sup> )	100%	26.4%	15.8%	2.6%	0.4%	42.7%	25.1%	6.8%	2.0%	40.9%
<b>All [for 8 States Reporting MH/BH/SA]</b>	<b>100.0%</b>	<b>25.6%</b>	<b>16.9%</b>	<b>2.7%</b>	<b>0.50%</b>	<b>23.5%</b>	<b>12.8%</b>	<b>3.2%</b>	<b>1.1%</b>	<b>29.8%</b>
<b>Mother's History of Mental Health/Behavioral Health/Substance Abuse</b>										
Substance Abuse Diagnosis Past 12 Months	100.0%	24.5%	16.6%	2.9%	0.50%	23.8%	14.3%	3.9%	1.7%	30.8%
Mental Health/Behavioral Health Diagnosis Past 12 Months	100.0%	28.5%	16.4%	3.1%	0.60%	29.1%	14.8%	4.3%	1.6%	31.2%

Note: 14 States reporting BMI (CA, CO, FL, IA, ID, LA, NC, OH, OR, PA, SD, UT, VT, WA); various reporting years, 2010-2012. 8 States reporting MH/BH/SA (IA, LA, MN, NC, OR, VT, WA, WI); various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding and a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 6.2, continued**

**Medicaid Singleton Births by Type of Delivery, by Other Characteristics of Mother or Delivery [Row Percents]**

	Early Elective Deliveries (< 39 Weeks)	Early Elective Inductions (<39 Weeks)	Early Elective C-Sections (<39 Weeks)	Full-Term Elective Deliveries (39 to 41 Weeks)	Full-Term Elective Inductions (39 to 41 Weeks)	Full-Term Elective C-Sections (39 to 41 Weeks)
<b>All [for 14 States Reporting BMI]</b>	<b>9.1%</b>	<b>3.0%</b>	<b>6.1%</b>	<b>23.7%</b>	<b>12.8%</b>	<b>10.9%</b>
<b>Mother's Pre-Pregnancy Body Mass Index</b>						
Underweight (<18.5 kg/m <sup>2</sup> )	8.8%	3.9%	4.9%	18.5%	12.0%	6.5%
Normal weight (≥18.5 and ≤ 25 kg/m <sup>2</sup> )	8.2%	3.0%	5.2%	21.7%	12.9%	8.8%
Overweight (> 25 and ≤ 30 kg/m <sup>2</sup> )	9.1%	2.8%	6.3%	24.6%	12.8%	11.9%
Obese (>30 and <40 kg/m <sup>2</sup> )	10.4%	2.9%	7.5%	27.1%	13.0%	14.1%
Morbidly Obese (≥40 kg/m <sup>2</sup> )	11.8%	3.1%	8.8%	29.1%	12.7%	16.3%
<b>All [for 8 States Reporting MH/BH/SA]</b>	<b>7.4%</b>	<b>3.1%</b>	<b>4.3%</b>	<b>22.3%</b>	<b>13.8%</b>	<b>8.5%</b>
<b>Mother's History of Mental Health/Behavioral Health/Substance Abuse</b>						
Substance Abuse Diagnosis Past 12 Months	9.1%	3.4%	5.7%	21.7%	13.2%	8.6%
Mental Health/Behavioral Health Diagnosis Past 12 Months	9.6%	3.6%	6.0%	15.1%	12.8%	8.8%

Note: 14 States reporting BMI (CA, CO, FL, IA, ID, LA, NC, OH, OR, PA, SD, UT, VT, WA); various reporting years, 2010-2012. 8 States reporting MH/BH/SA (IA, LA, MN, NC, OR, VT, WA, WI); various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding and a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks).

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 7**  
**Demographic Characteristics of Mothers, by Type of Delivery** [Column Percents]

	Births	Inductions	Elective Inductions	Early Term Elective Inductions (37 to < 39 Weeks)	Preterm Elective Inductions (< 37 Weeks)	C-Sections	Elective C-Sections	Early Term Elective C-Sections (37 to < 39 Weeks)	Preterm Elective C-Sections (< 37 Weeks)
<b>Maternal Age</b>									
<20 yrs	14.5%	16.5%	16.8%	16.1%	16.7%	9.7%	7.6%	6.7%	8.8%
20-24 yrs	34.9%	37.4%	38.2%	37.7%	36.0%	31.3%	30.3%	29.1%	28.0%
25-29 yrs	26.9%	25.7%	25.9%	26.2%	25.0%	29.1%	30.5%	30.3%	27.8%
30-34 yrs	15.4%	13.5%	13.0%	13.3%	13.5%	18.4%	19.7%	20.4%	20.8%
>34 yrs	8.2%	6.9%	6.2%	6.8%	8.8%	11.5%	12.0%	13.4%	14.6%
Missing	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.01%
<b>Maternal Race</b>									
White	64.4%	67.2%	68.7%	65.9%	57.5%	65.4%	66.8%	67.2%	62.5%
Black or African American	19.6%	20.0%	18.6%	21.3%	27.7%	19.7%	18.7%	18.7%	23.0%
Asian/Pacific Islander	3.0%	2.0%	1.9%	1.8%	2.2%	2.7%	2.6%	2.5%	2.3%
Native American	1.8%	1.7%	1.6%	1.7%	1.8%	1.5%	1.5%	1.4%	1.5%
Other	8.1%	6.4%	6.3%	6.6%	8.2%	7.4%	7.3%	7.2%	7.5%
Multiple Responses	2.6%	2.3%	2.5%	2.3%	2.2%	2.8%	3.0%	2.8%	2.7%
Missing	0.51%	0.50%	0.45%	0.31%	0.34%	0.44%	0.21%	0.15%	0.41%
<b>Maternal Ethnicity</b>									
Hispanic	32.9%	21.9%	23.4%	22.2%	24.2%	34.9%	41.5%	42.7%	37.7%
Non-Hispanic	66.7%	77.7%	76.3%	77.4%	75.1%	64.7%	58.3%	57.1%	62.0%
Missing	0.4%	0.4%	0.3%	0.4%	0.7%	0.4%	0.2%	0.2%	0.3%
<b>Maternal Education</b>									
< High School	28.9%	24.7%	24.3%	24.9%	26.6%	28.0%	29.6%	30.8%	30.3%
High School Graduate or GED	36.2%	38.6%	37.6%	37.9%	37.8%	36.3%	35.7%	35.5%	35.6%
Some College	22.2%	23.0%	24.8%	24.0%	22.8%	22.4%	21.4%	20.8%	21.4%
Associate's Degree	4.4%	5.0%	4.8%	4.7%	3.9%	4.8%	4.6%	4.5%	4.4%
Bachelor's Degree	4.8%	5.0%	4.7%	4.4%	3.5%	5.0%	4.7%	4.5%	4.1%
Master's Degree	1.0%	0.9%	0.8%	0.7%	0.7%	1.0%	1.1%	0.9%	0.9%
Doctorate or Professional Degree	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%
Missing	2.5%	2.7%	2.8%	3.3%	4.7%	2.2%	2.7%	2.7%	3.2%

Note: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 7, continued****Demographic Characteristics of Mothers, by Type of Delivery [Column Percents]**

	Early Elective Deliveries (< 39 Weeks)	Early Elective Inductions (<39 Weeks)	Early Elective C-Sections (<39 Weeks)
<b>Maternal Age</b>			
<20 yrs	13.3%	16.6%	7.4%
20-24 yrs	35.0%	37.7%	30.0%
25-29 yrs	27.4%	25.8%	30.4%
30-34 yrs	15.6%	13.3%	19.9%
>34 yrs	8.6%	6.6%	12.3%
Missing	0.0%	0.0%	0.0%
<b>Maternal Race</b>			
White	67.6%	67.9%	66.9%
Black or African American	19.2%	19.4%	18.7%
Asian/Pacific Islander	2.2%	2.0%	2.5%
Native American	1.6%	1.7%	1.5%
Other	6.7%	6.4%	7.3%
Multiple Responses	2.6%	2.4%	2.9%
Missing	0.4%	0.5%	0.2%
<b>Maternal Ethnicity</b>			
Hispanic	28.6%	22.5%	39.7%
Non-Hispanic	69.3%	77.1%	55.1%
Missing	0.3%	0.4%	0.2%
<b>Maternal Education</b>			
< High School	26.2%	24.1%	29.9%
High School Graduate or GED	36.9%	37.5%	35.8%
Some College	22.7%	23.4%	21.3%
Associate's Degree	4.7%	4.8%	4.6%
Bachelor's Degree	4.7%	4.8%	4.7%
Master's Degree	0.9%	0.9%	1.1%
Doctorate or Professional Degree	0.1%	0.1%	0.2%
Missing	2.7%	2.7%	2.7%

Note: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 8.1**

**Other Characteristics of Mother or Delivery, by Type of Delivery [Column Percents]**

	Births	Inductions	Elective Inductions	Early Term Elective Inductions (37 to < 39 Weeks)	Preterm Elective Inductions (< 37 Weeks)	C-Sections	Elective C-Sections	Early Term Elective C-Sections (37 to < 39 Weeks)	Preterm Elective C-Sections (< 37 Weeks)
<b>Birth Attendant Type</b>									
MD	74.3%	74.7%	73.0%	74.0%	76.6%	80.5%	80.0%	79.8%	79.2%
DO	14.2%	14.5%	15.8%	15.3%	13.1%	17.3%	17.9%	17.9%	18.4%
CNM/CM	8.0%	8.1%	8.2%	7.6%	6.1%	1.0%	1.0%	1.0%	1.0%
Other Midwife	1.8%	1.5%	1.9%	1.7%	1.7%	0.2%	0.3%	0.3%	0.2%
Other	0.5%	0.3%	0.2%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%
Unknown	1.2%	0.8%	0.9%	1.1%	2.2%	0.9%	0.8%	0.8%	1.1%
<b>Pregnancy History (Numer of Previous Pregnancies)</b>									
Zero	32.2%	39.8%	36.9%	34.3%	36.5%	27.6%	18.7%	14.6%	21.0%
One	29.3%	26.8%	28.5%	27.7%	24.9%	30.5%	33.3%	32.8%	27.8%
Two or More	34.5%	30.1%	30.8%	34.1%	35.0%	37.4%	42.3%	46.5%	44.2%
Missing	4.0%	3.3%	3.8%	3.9%	3.7%	4.6%	5.7%	6.1%	6.9%
<b>Cesarean Section History</b>									
Yes	12.7%	1.9%	1.7%	2.3%	2.9%	42.4%	52.0%	55.9%	39.1%
No	77.4%	87.6%	85.6%	85.4%	86.8%	50.6%	41.4%	38.0%	50.8%
Missing	9.9%	10.5%	12.7%	12.3%	10.3%	7.0%	6.6%	6.1%	10.1%
<b>Mother's Tobacco Use</b>									
Smoked During Pregnancy	15.0%	18.3%	17.8%	19.5%	19.1%	15.1%	13.2%	13.5%	15.7%
Did Not Smoke During Pregnancy	84.5%	81.0%	81.6%	79.8%	80.1%	84.5%	86.4%	86.1%	83.7%
Missing	0.6%	0.6%	0.6%	0.6%	0.8%	0.5%	0.4%	0.4%	0.6%

Note: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 8.1, continued****Other Characteristics of Mother or Delivery, by Type of Delivery [Column Percents]**

	Early Elective Deliveries (< 39 Weeks)	Early Elective Inductions (<39 Weeks)	Early Elective C-Sections (<39 Weeks)
<b>Birth Attendant Type</b>			
MD	76.1%	74.0%	80.0%
DO	16.1%	15.1%	17.9%
CNM/CM	5.6%	8.2%	1.0%
Other Midwife	1.2%	1.7%	0.3%
Other	0.2%	0.3%	0.0%
Unknown	0.8%	0.9%	0.8%
<b>Pregnancy History (Numer of Previous Pregnancies)</b>			
Zero	31.2%	38.5%	17.8%
One	29.6%	27.5%	33.2%
Two or More	35.0%	30.4%	43.2%
Missing	4.3%	3.5%	5.8%
<b>Cesarean Section History</b>			
Yes	20.0%	1.8%	52.9%
No	70.3%	86.7%	40.7%
Missing	9.7%	11.5%	6.5%
<b>Mother's Tobacco Use</b>			
Smoked During Pregnancy	15.9%	19.5%	14.0%
Did Not Smoke During Pregnancy	83.6%	79.9%	85.5%
Missing	0.5%	0.7%	0.4%

Note: 22 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 8.2****Other Characteristics of Mother or Delivery, by Type of Delivery [Column Percents]**

	Births	Inductions	Elective Inductions	Early Term Elective Inductions (37 to < 39 Weeks)	Preterm Elective Inductions (< 37 Weeks)	C-Sections	Elective C-Sections	Early Term Elective C-Sections (37 to < 39 Weeks)	Preterm Elective C-Sections (< 37 Weeks)
<b>Mother's Pre-Pregnancy Body Mass Index</b>									
Underweight (<18.5 kg/m <sup>2</sup> )	4.7%	4.3%	4.7%	6.1%	6.7%	3.3%	3.2%	3.5%	4.7%
Normal weight (≥18.5 and ≤ 25 kg/m <sup>2</sup> )	42.5%	40.4%	43.0%	43.8%	41.3%	35.0%	35.0%	35.7%	37.9%
Overweight (> 25 and ≤ 30 kg/m <sup>2</sup> )	25.5%	25.0%	25.2%	23.9%	23.2%	26.5%	27.2%	26.6%	25.5%
Obese (>30 and <40 kg/m <sup>2</sup> )	20.1%	22.0%	20.3%	19.4%	21.3%	25.4%	25.6%	25.3%	22.8%
Morbidly Obese (≥40 kg/m <sup>2</sup> )	4.8%	6.1%	4.8%	5.0%	4.7%	7.8%	7.1%	7.2%	6.2%
Missing	2.4%	2.1%	1.9%	1.9%	2.7%	2.0%	1.9%	1.7%	3.0%
<b>Mother's History of Mental Health/Behavioral Health/Substance Abuse</b>									
Substance Abuse Diagnosis Past 12 Months	4.6%	4.4%	4.5%	4.9%	5.2%	4.6%	5.1%	5.7%	7.2%
Mental Health/Behavioral Health Diagnosis Past 12 Months	20.4%	20.4%	20.2%	21.1%	22.3%	22.7%	23.4%	24.9%	27.2%

Note: 14 States reporting BMI (CA, CO, FL, IA, ID, LA, NC, OH, OR, PA, SD, UT, VT, WA); various reporting years, 2010-2012. 8 States reporting MH/BH/SA (IA, LA, MN, NC, OR, VT, WA, WI); various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.



**Table 8.2, continued****Other Characteristics of Mother or Delivery, by Type of Delivery [Column Percents]**

	<b>Early Elective Deliveries</b> ( < 39 Weeks)	<b>Early Elective Inductions</b> ( <39 Weeks)	<b>Early Elective C-Sections</b> ( <39 Weeks)
<b>Mother's Pre-Pregnancy Body Mass Index</b>			
Underweight (<18.5 kg/m <sup>2</sup> )	3.2%	6.2%	3.4%
Normal weight (≥18.5 and ≤ 25 kg/m <sup>2</sup> )	35.0%	43.4%	35.1%
Overweight (> 25 and ≤ 30 kg/m <sup>2</sup> )	26.8%	23.8%	26.5%
Obese (>30 and <40 kg/m <sup>2</sup> )	25.5%	19.7%	25.3%
Morbidly Obese (≥40 kg/m <sup>2</sup> )	7.5%	4.9%	7.7%
Missing	2.0%	2.0%	2.0%
<b>Mother's History of Mental Health/Behavioral Health/Substance Abuse</b>			
Substance Abuse Diagnosis Past 12 Months	5.6%	5.0%	6.0%
Mental Health/Behavioral Health Diagnosis Past 12 Months	23.7%	21.2%	25.5%

Note: 14 States reporting BMI (CA, CO, FL, IA, ID, LA, NC, OH, OR, PA, SD, UT, VT, WA); various reporting years, 2010-2012. 8 States reporting MH/BH/SA (IA, LA, MN, NC, OR, VT, WA, WI); various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 9****Neonate Admissions by Type of Delivery for States Reporting Neonate Admissions Based on Birth Certificate and Medicaid Claims Data**

States Reporting Neonate Admissions Using Linked (Birth Certificate and Medicaid Claims) Data

9 States: CT, LA, MN, NC, OH, OR, VT, WA, WI

	All Medicaid Singleton Births	Inductions	Elective Inductions	Cesarean Sections	Elective C-Sections	Elective Deliveries	Non-Elective Deliveries
<b>Neonate Admissions, by Type of Delivery and by Gestational Age</b>							
All Births	59,517	15,003	8,577	17,519	7,875	16,452	43,065
Preterm Births (<37 Weeks)	13,904	2,166	710	4,776	1,743	2,453	11,451
Early Term Births (37 to < 39 Weeks)	14,246	3,116	1,573	4,081	1,987	3,560	10,686
Full Term Births* (39 to 41 Weeks)	31,367	9,721	6,294	8,662	4,145	10,439	20,928
<b>Births by Type of Delivery and by Gestational Age</b>							
All Births	306,170	80,939	53,346	74,899	38,588	91,934	214,236
Preterm Births (<37 Weeks)	27,229	4,242	1,503	9,082	3,336	4,839	22,390
Early Term Births (37 to < 39 Weeks)	76,566	15,309	8,675	18,410	9,694	18,369	58,197
Full Term Births* (39 to 41 Weeks)	202,375	61,388	43,168	47,407	25,558	68,726	133,649
<b>Percentage of Births Resulting in a Neonate Admission, by Type of Delivery and Gestational Age</b>							
All Births	19.4%	18.5%	16.1%	23.4%	20.4%	17.9%	20.1%
Preterm Births (<37 Weeks)	51.1%	51.1%	47.2%	52.6%	52.2%	50.7%	51.1%
Early Term Births (37 to < 39 Weeks)	18.6%	20.4%	18.1%	22.2%	20.5%	19.4%	18.4%
Full Term Births* (39 to 41 Weeks)	15.5%	15.8%	14.6%	18.3%	16.2%	15.2%	15.7%

Notes: 9 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error. Full Term Births may include a very small number of births over 41 weeks or with missing gestational age.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 10****Neonatal Intensive Care Unit (NICU) Admissions by Type of Medicaid Singleton Birth Outcome for States Reporting Neonate Admissions Based on Birth Certificate Data Only**

9 States: AL, CA, CO, FL, ID, PA, SD, UT, WV

	All Medicaid Singleton Births	Inductions	Elective Inductions	Cesarean Sections	Elective C-Sections	Elective Deliveries	Non-Elective Deliveries
<b>NICU Admissions, by Type of Delivery and by Gestational Age</b>							
All Births	31,673	4,380	2,440	11,929	7,430	9,870	21,803
Preterm Births (<37 Weeks)	14,977	1,311	547	5,853	3,635	4,182	10,795
Early Term Births (37 to < 39 Weeks)	6,115	876	511	2,378	1,605	2,116	3,999
Full Term Births* (39 to 41 Weeks)	10,581	2,193	1,382	3,698	2,190	3,572	7,009
<b>Births, by Type of Delivery and by Gestational Age</b>							
All Births	453,223	79,775	63,280	119,630	86,176	149,456	303,767
Preterm Births (<37 Weeks)	35,982	3,323	1,791	11,662	7,841	9,632	26,350
Early Term Births (37 to < 39 Weeks)	118,772	14,220	10,537	31,483	23,767	34,304	84,468
Full Term Births* (39 to 41 Weeks)	298,469	62,232	50,952	76,485	54,568	105,520	133,649
<b>Percentage of Deliveries Resulting in a NICU Admission, by Type of Delivery and Gestational Age</b>							
All Births	7.0%	5.5%	3.9%	10.0%	8.6%	6.6%	7.2%
Preterm Births (<37 Weeks)	41.6%	39.5%	30.5%	50.2%	46.4%	43.4%	41.0%
Early Term Births (37 to < 39 Weeks)	5.1%	6.2%	4.8%	7.6%	6.8%	6.2%	4.7%
Full Term Births* (39 to 41 Weeks)	3.5%	3.5%	2.7%	4.8%	4.0%	3.4%	5.2%

Notes: 9 States reporting; various reporting years, 2010-2012. For reporting years, see Table 1. Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error. Full Term Births may include a very small number of births over 41 weeks or with missing gestational age.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 11****Trends in Medicaid Singleton Births by Type of Delivery and Gestational Age, 2007-2011**

(as a Percentage of Medicaid Singleton Births)

	2007	2008	2009	2010	2011
Inductions	17.5%	17.8%	18.0%	18.4%	18.8%
Elective Inductions	14.3%	14.6%	14.7%	14.9%	14.9%
Early Term Elective Inductions (37 to < 39 Weeks)	3.9%	4.0%	3.5%	3.2%	2.7%
Cesarean Sections	26.1%	26.8%	27.4%	27.1%	27.0%
Elective Cesarean Section	19.8%	20.2%	20.5%	20.2%	19.5%
Early Term Elective Cesarean Section (37 to < 39 Weeks)	7.5%	7.6%	7.1%	6.4%	5.5%
Early Term Elective Deliveries (37 to < 39 Weeks)	11.4%	11.6%	10.6%	9.6%	8.2%
All Early Term Birth (37 to < 39 Weeks)	29.6%	30.4%	29.2%	27.8%	26.4%
All Term Birth (37 to 41 Weeks)	89.5%	90.4%	91.0%	91.3%	91.3%
All Full Term Birth (39 to 41 Weeks)	59.9%	60.0%	61.8%	63.5%	64.9%

**Trends in Medicaid Singleton Births by Type of Delivery and Gestational Age, 2007-2011**

	2007	2008	2009	2010	2011	Percentage Change 2007-2011
Medicaid Singleton Births	522,154	519,846	512,953	503,877	493,773	-5.4%
Inductions	91,526	92,426	92,305	92,550	93,076	1.7%
Elective Inductions	74,659	76,084	75,404	75,223	73,616	-1.4%
Early Term Elective Inductions (37 to < 39 Weeks)	20,481	20,614	17,858	16,134	13,415	-34.5%
Cesarean Sections	136,129	139,411	140,358	136,706	133,470	-2.0%
Elective Cesarean Sections	103,482	105,199	105,289	101,775	96,527	-6.7%
Early Term Elective Cesarean Sections (37 to < 39 Weeks)	38,928	39,699	36,568	32,116	27,006	-30.6%
Early Term Elective Deliveries (37 to < 39 Weeks)	59,409	60,313	54,426	48,250	40,421	-32.0%
All Early Term Birth (37 to < 39 Weeks)	154,435	158,056	149,852	140,057	130,344	-15.6%
All Term Birth (37 to < 41 Weeks)	467,294	469,906	466,838	459,830	450,946	-3.5%
All Full Term Birth (39 to 41 Weeks)	312,859	311,850	316,986	319,773	320,602	2.5%

Note: 12 States reporting in each year of the five-year reporting period (AK, AL, CA, CO, FL, IA, ID, LA, SD, VT, WA, WV). Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.

**Table 12**  
**Trends in Elective Inductions and Elective C-Sections, 2007-2011**

	2007	2008	2009	2010	2011
Elective Inductions as a Percentage of All Inductions	82%	82%	82%	81%	79%
Early Term Elective Inductions (37 to < 39 Weeks) as a Percentage of Elective Inductions	27%	27%	24%	21%	18%
Elective C-Sections as a Percentage of All C-Sections	76%	75%	75%	74%	72%
Early Term Elective C-Sections (37 to <39 Weeks) as a Percentage of Elective C-Sections	38%	38%	35%	32%	28%

Note: 12 States reporting in each year of the five-year reporting period (AK, AL, CA, CO, FL, IA, ID, LA, SD, VT, WA, WV). Elective inductions and elective C-sections are mutually exclusive categories; elective inductions that result in a c-section are counted as inductions. In contrast, inductions and C-sections are not mutually exclusive. Inductions that result in C-sections are counted in both Inductions and C-sections. (In the 22-state data, about 15% of all elective inductions end in a C-section). Totals may not sum due to rounding, a small percentage of missing values (e.g. missing gestational age or gestational age >41 weeks), or reporting error.

Source: AcademyHealth analysis of state-reported data for Medicaid Medical Directors' Perinatal Project.