

The Impact of RItE Care on the Health of Pregnant Women and Their Newborns 1993 – 2004

Prenatal Care and Birth Outcomes Health Indicator Trends

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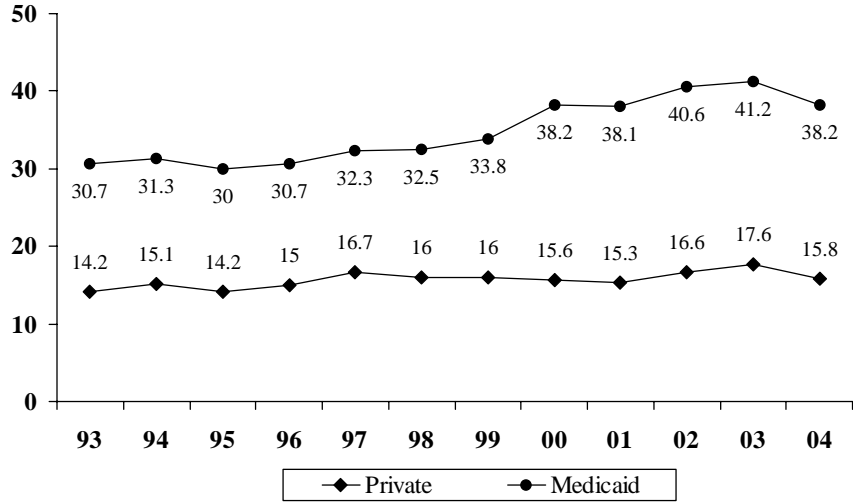
Characteristics of Mothers

Table 1
Number of RI Births 1993-2004
By Insurance Coverage and by Age

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total RI Resident Births	13,565	13,078	12,422	12,300	12,076	12,201	11,958	12,065	12,200	12,441	12,690	12,309
Medicaid Births	4,598	4,305	3,510	3,971	3,619	3,618	3,554	4,271	4,533	4,543	4,700	5,478
% of Total Births	33.9	32.9	28.3	32.3	30.0	29.6	29.7	35.4	37.2	36.5	37.0	44.5
Total Teen Births < 20 yrs	1,444	1,409	1,267	1,299	1,322	1,312	1,211	1,255	1,229	1,160	1,077	1,159
Medicaid Teen Births	1,065	987	721	790	718	713	683	839	870	803	781	932
% of Total Teen Births	73.7	70.1	56.9	60.8	54.3	54.3	56.4	66.8	70.8	69.2	72.5	80.4
Medicaid Births by Race												
White	2,410	2,250	1,961	2,248	1,949	1,866	1,781	1,912	2,040	2,023	2,010	2,514
Black	698	629	403	491	396	438	420	609	648	626	681	718
Hispanic	1,168	1,134	882	994	1,050	1,083	1,099	1,479	1,560	1,565	1,698	1,864
Asian	322	262	215	237	223	230	248	268	285	328	310	382

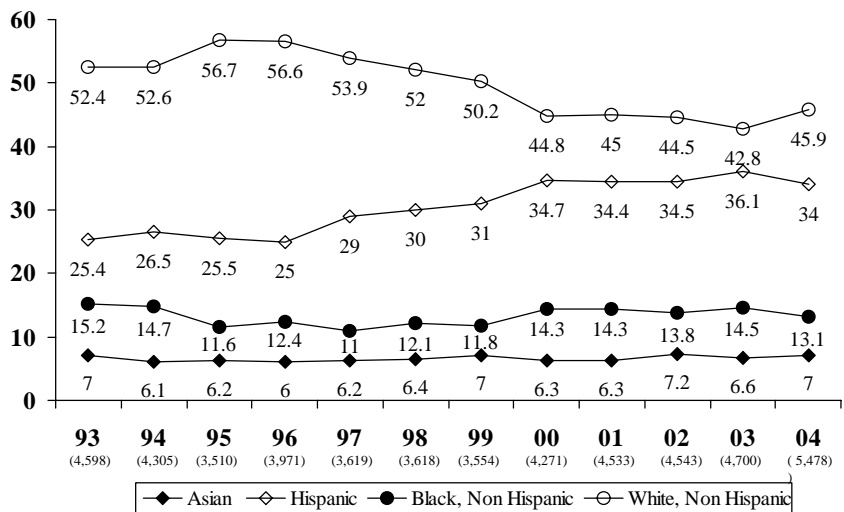
* Insurance Coverage – self-reported by mother at delivery

Figure 1
Percent of Births to Immigrant Mothers
by Insurance Coverage 1993-2004



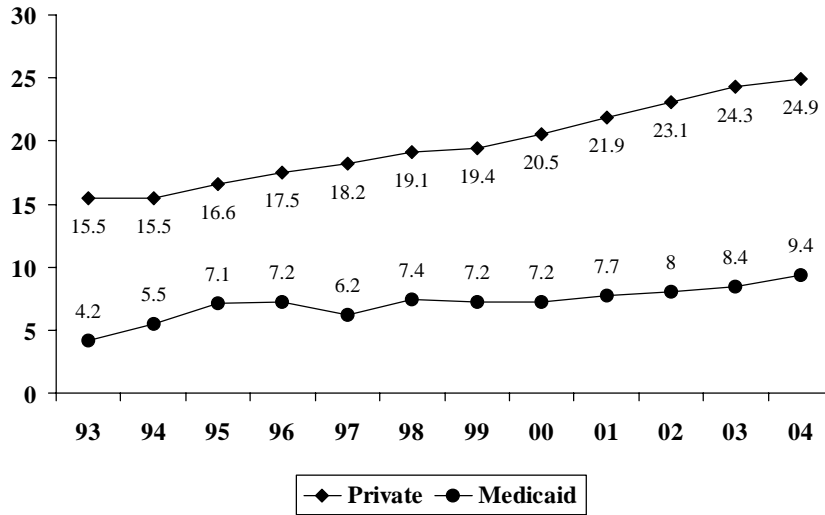
Data Source: Medicaid Research & Evaluation Project
Vital Statistics Birth File 1993-2004 – (n=149,305)

Figure 2
Race/Ethnicity Distribution of Pregnant Women on Medicaid



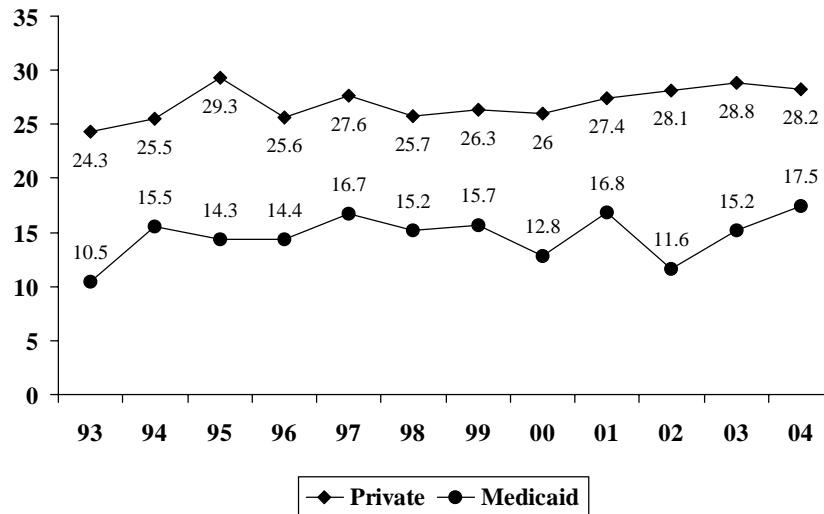
Data Source: Medicaid Research & Evaluation Project
Vital Statistics Birth File 1993-2004 – (n=149,305)

Figure 3
 Percent of Mothers Who are ≥ 35 Years Old
 by Insurance Coverage 1993-2004



Data Source: Medicaid Research & Evaluation Project
 Vital Statistics Birth File 1993-2004 – (n=149,305) * Self Report

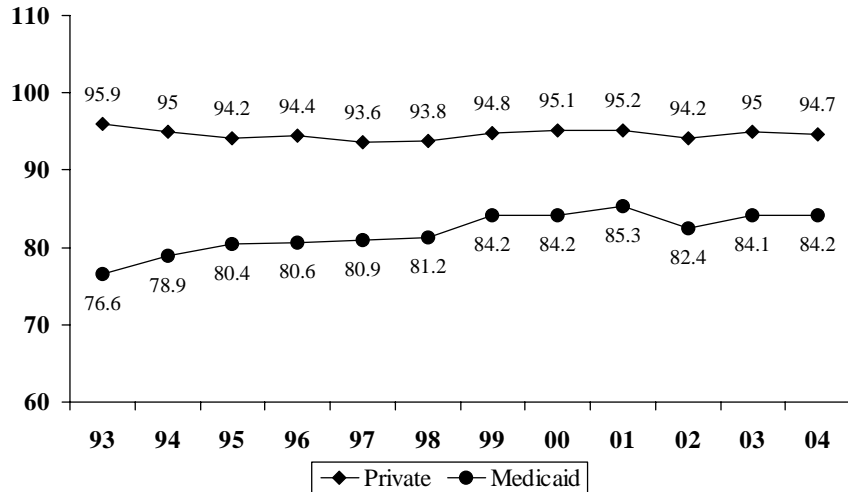
Figure 3a
 Percent of First Time Births to Mothers Who are ≥ 35 Years Old
 by Insurance Coverage 1993-2004



Data Source: Medicaid Research & Evaluation Project
 Vital Statistics Birth File 1993-2004 – (n=149,305) * Self Report

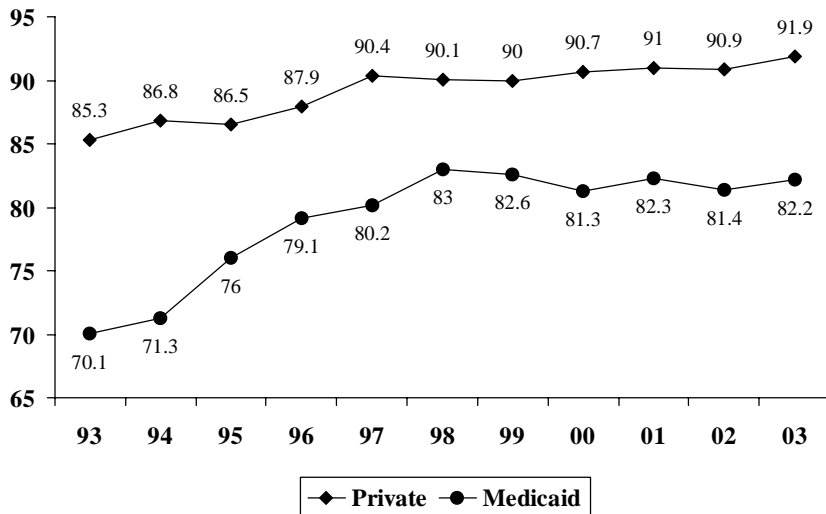
Prenatal Care

Figure 4
 Percent of Women who Began Prenatal Care in
 First Trimester by Insurance Coverage 1993-2004



Data Source: Medicaid Research & Evaluation Project
 Vital Statistics Birth File 1993-2004 – (n=149,305)

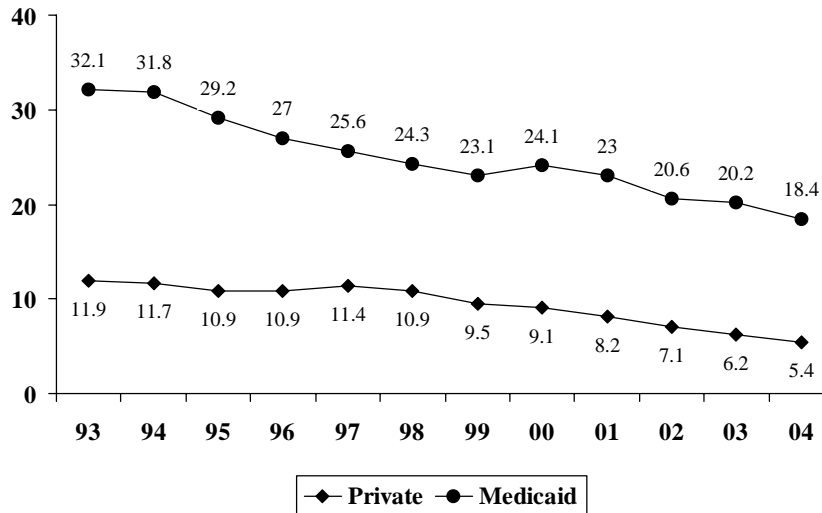
Figure 5
 Percent of Women who Received Adequate/Adequate+
 Prenatal Care by Insurance Coverage 1993-2003



Data Source: Medicaid Research & Evaluation Project
 Vital Statistics Birth File 1993-2004 – (n=149,305)
 Note: Adequacy of Care Index was recalculated so results are different from previous reports

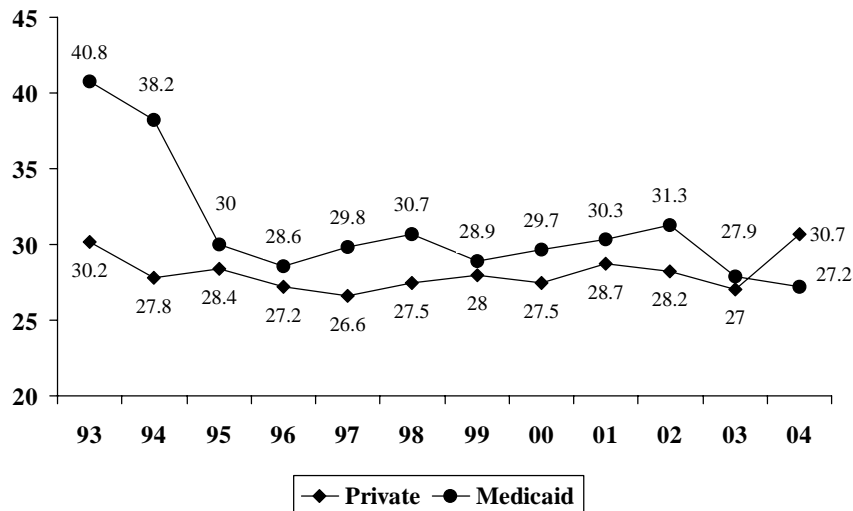
Maternal Health

Figure 6
 Percent of Pregnant Women who Smoke Cigarettes*
 by Insurance Coverage 1993-2004



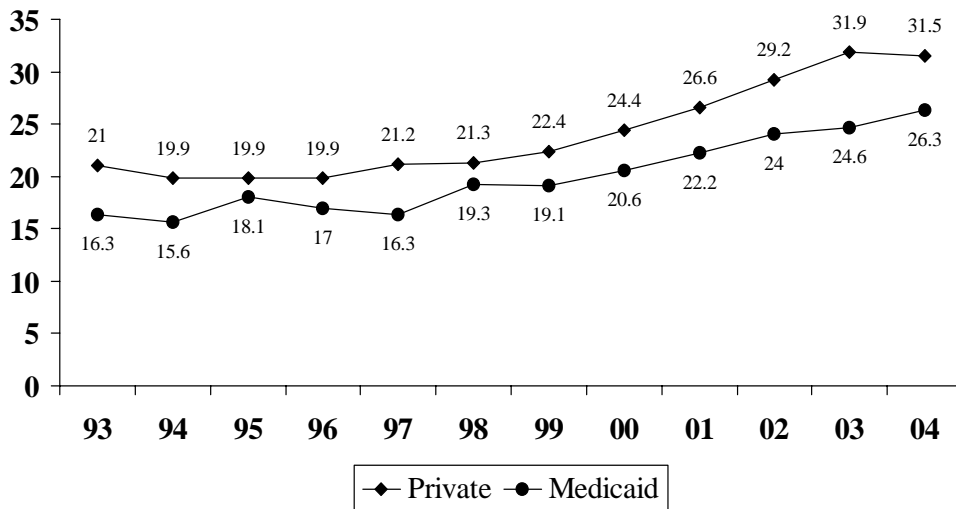
Data Source: Medicaid Research & Evaluation Project
 Vital Statistics Birth File 1993-2004 – (n=149,305) * Self Report

Figure 7
 Percent of Women with Short Interbirth Interval (<18 months)
 by Insurance Coverage 1993-2004



Data Source: Medicaid Research & Evaluation Project
 Vital Statistics Birth File 1993-2004 – (n=149,305)

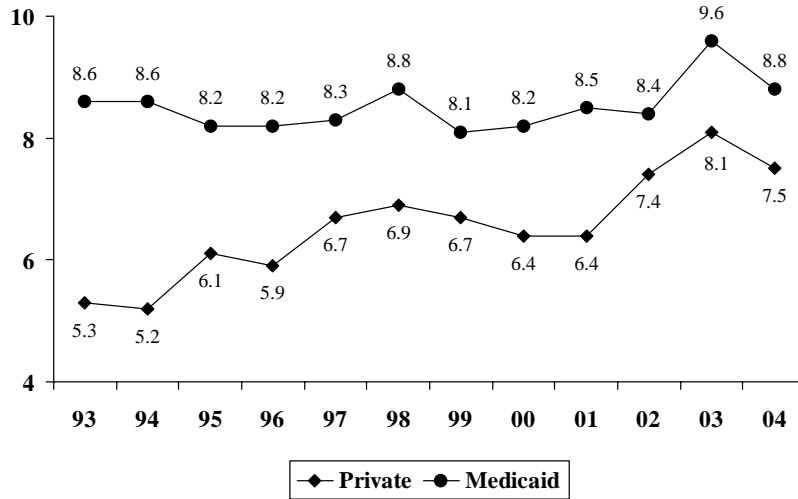
Figure 8
 Percent Cesarean Births by Insurance Coverage
 1993-2004



Data Source: RI Medicaid Research and Evaluation Project – Vital Statistics Birth File 1996-2004, RI Department of Health

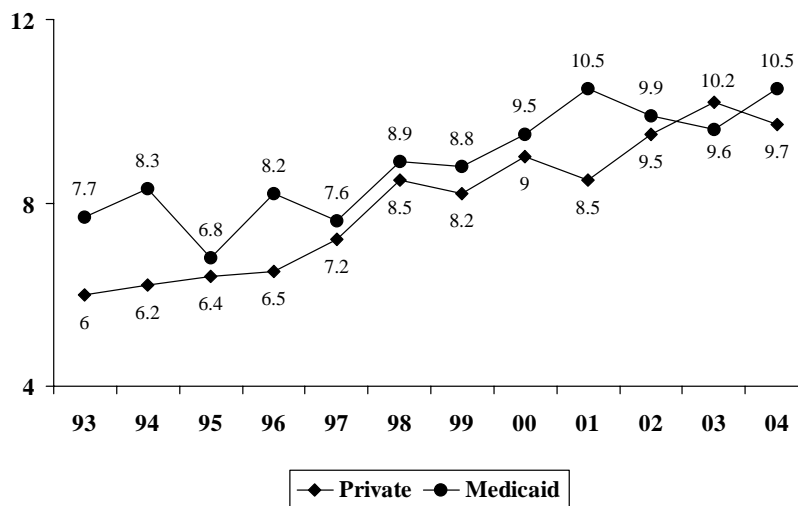
Birth Outcomes

Figure 9
Percent Low Birthweight
by Insurance Coverage 1993-2004



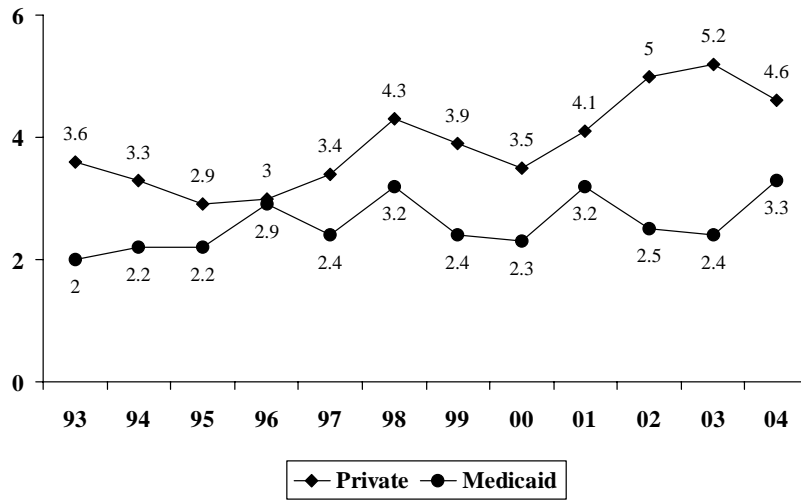
Data Source: Medicaid Research & Evaluation Project
Vital Statistics Birth File 1993-2004 – (n=149,305)

Figure 10
Percent of Premature Births (<37 weeks)
by Insurance Coverage 1993-2004



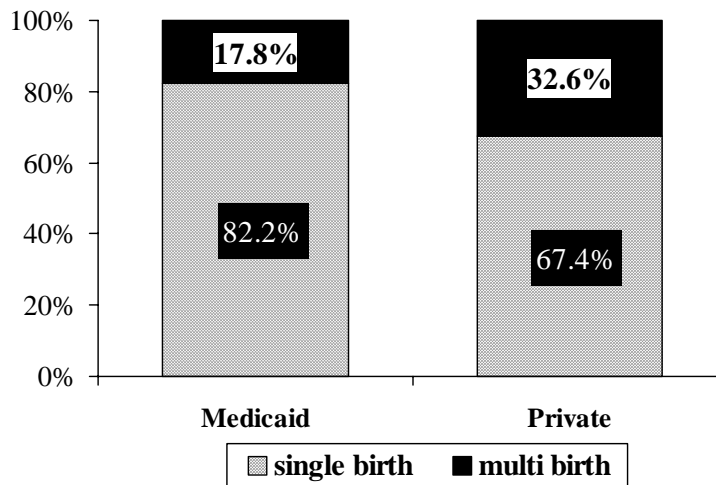
Data Source: Medicaid Research & Evaluation Project
Vital Statistics Birth File 1993-2004 – (n=149,305)

Figure 11
Percent of Multiple Births
by Insurance Coverage 1996-2004



Data Source: Medicaid Research & Evaluation Project
Vital Statistics Birth File 1996-2004 - (n=110,240)

Figure 11a
Percent of Low Birthweight Births by Parity
1996 - 2004



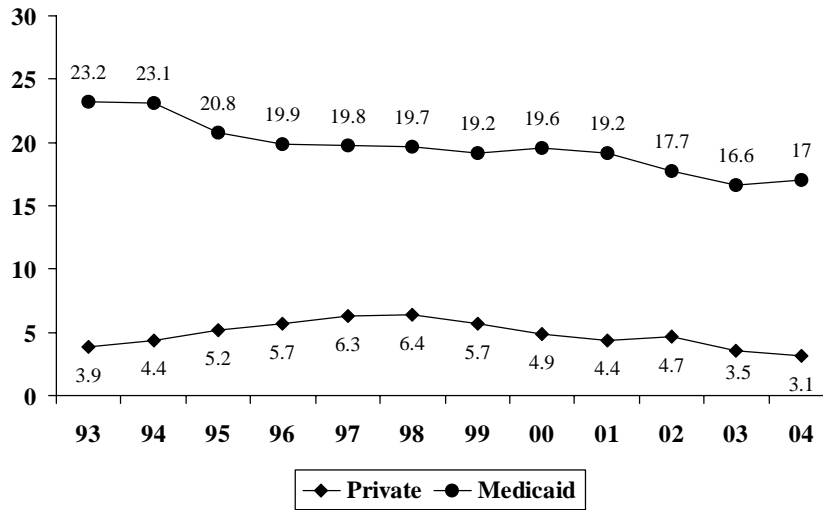
Data Source: Medicaid Research & Evaluation Project
Vital Statistics Birth File 1993-2004 - (n=149,305)

Table 2
Birth Outcomes for Mothers on Medicaid 1993-2004

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
# Medicaid Births	4,598	4,305	3,510	3,971	3,619	3,618	3,554	4,271	4,533	4,543	4,700	5,478
# VLBW (<1500 grams)	63	57	37	47	50	58	53	71	73	81	81	87
# MLBW (1500-2499 grams)	331	307	246	280	253	260	234	279	313	298	368	396
# Preterm	318	319	210	290	224	255	268	397	463	445	447	576
# Multiple birth *	92	92	76	115	85	117	84	97	143	112	113	183
# Cesarean Births *	700	634	599	639	568	659	650	844	972	1,048	1,125	1,420
# Mothers \geq 35	191	236	246	286	223	266	254	329	347	365	393	512

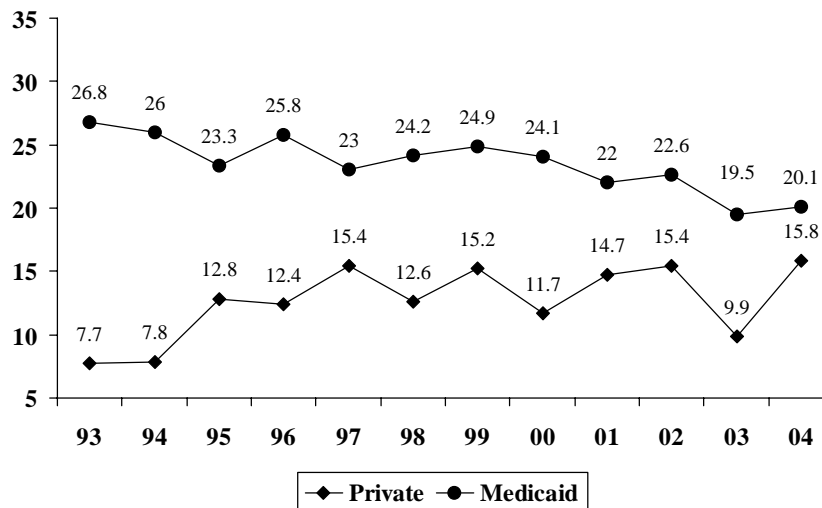
Teen Pregnancy

Figure 12
 Percent of Total Births to Teenagers <20 years Old
 by Insurance Coverage 1993-2004



Data Source: Medicaid Research & Evaluation Project
 Vital Statistics Birth File 1993-2004 – (n=15,144)

Figure 13
 Percent of Second Time or Higher Births to Teen Mothers
 by Insurance Coverage 1993-2004



Data Source: Medicaid Research & Evaluation Project
 Vital Statistics Birth File 1993-2004 – (n= 15,144)