
HEALTH INDICATOR DATA BOOK

**A Comparison of Access and Quality Measures
for Rhode Islanders <65 years old
by Health Insurance Coverage – Trends 2000-2011**

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Colleen Fontana, Kathy Taylor, Rachel Cain, RI Department of Health
5. Pregnancy Risk Assessment Monitoring System – Rachel Cain, RI Department of Health
6. American Community Survey (ACS), Census Bureau,
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Databook is available online at www.eohhs.ri.gov/ReferenceCenter/ResearchAnalysis

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PURPOSE OF HEALTH INDICATOR DATA BOOK

To assess, design, monitor and evaluate health services and program interventions for Rhode Islanders on Medicaid using existing public health data sets.

The trend data in this report is designed to determine unmet health needs, measure access to care, and evaluate health outcomes of Medicaid enrollees compared to Rhode Islanders on Private Insurance or the Uninsured.

1 – See Griffin J, Health Indicator System for Rhode Islanders on Medicaid: An Effective Model to Identify Unmet Health Care Needs and Evaluate Program Initiatives, Robert Wood Johnson, Center for Health Care Strategies Resource Paper #271, April 2005

HIGHLIGHTS

Uninsured

- The percent of Uninsured Rhode Islanders (ages <65) went from 8.9% in 2001 to 13.6% in 2011. There was a rise in the percent uninsured as well as a rise in the percent of Rhode Islanders on Medicaid. In 2001 13.9% of Rhode Islanders <65 were on Medicaid whereas in 2011 that percent increased to 19.8%. This increase in the uninsured and in Medicaid is due to the decrease in employer based coverage from 73.9% in 2001 to 62.4% in 2011 (see page 37).

Access to Care

- Uninsured Rhode Islanders (ages 18-64) have poor access to primary care. In 2009-10 58.6% of Uninsured Rhode Islanders were not able to see a doctor due to cost and only 40% of the uninsured had a routine check up (see page 39).
- The Uninsured were also the least likely to get preventive care. Only 19% of the Uninsured had a flu shot and only 12% had a pneumonia vaccine (see page 39-40).
- Uninsured Rhode Island children have a high rate of hospitalizations for ambulatory care sensitive conditions (ACSC) (e.g. asthma, pneumonia, diabetes). From 2001 to 2010 the ACSC rate almost tripled for children (<18) from 7% in 2001 to 18% in 2010 (see page 61).

Health Status

- Rhode Islanders (18-64) who are on Medicaid or Medicare have higher rates of chronic diseases such as diabetes and asthma. The rate of diabetes is 15% for both Rhode Islanders on Medicaid or Medicare. Only 5% of the privately insured have diabetes. The rate of asthma is 23% for Medicare and 25% for Medicaid. The rate of asthma for privately insured is 16% (see page 40).
- Risk factors for chronic diseases are higher for Rhode Islanders (18-64) on Medicaid. 32% of Rhode Islanders on Medicaid smoke, compared to a 13% smoking rate for the privately insured. Obesity rates are 36% for Medicaid and 25% for the privately insured (see page 41, 44).

Quality Measures

- Prevention Quality Indicators (PQIs) from 2008-2011 are tracked in the Data Book. PQIs identify potentially avoidable hospitalizations (PAH). Overall PQI rates and acute and chronic disease PQI rates have decreased for all insurance groups from 2008-2011. Rhode Islanders on Medicare have the highest rates of PQI. (see pages 76-79).

Maternal and Child Health

- Teen births have decreased for pregnant women on RItE Care for the fifth year in a row. In 2000 20% of the RItE Care births were to teen mothers and in 2011 only 13% of RItE Care births were to teen mothers (see page 86).
- Smoking rates among pregnant women on RItE Care have declined significantly from 24% in 2000 to 15% in 2011(see page 87).
- Cesarean birth rates are leveling off for both mothers on RItE Care and privately insured mothers. In 2011 37% of privately insured mothers had cesarean births and 30% of mothers on RItE Care had cesarean births (see page 87).

Disability/Long Term Care

- Disability rates in 2010 are higher among working aged Rhode Islanders (18-64) on Medicaid and Medicare. The percent of Rhode Islanders who are limited in any way due to physical or emotional problems is 54% for Medicare and 45% for Medicaid which is four times higher than privately insured at 13% (see page 41).
- Rates of ambulatory disability (i.e. difficulty walking or climbing stairs) is also highest for Rhode Islanders (45-64) on Medicare or Medicaid. In 2011 35% of Rhode Islanders on Medicare and 29% on Medicaid have an ambulatory disability. Only 4% of Rhode Islanders with private insurance have an ambulatory disability (see page 106).

METHODS

Health Indicator Data Set Selection Criteria:

RI population based reliable data set that is:

- Collected annually, so trend comparisons can be made
- Collects health insurance coverage, so comparisons can be made between Medicare, Medicaid, RIte Care, Privately Insured and Uninsured

Six Data Sets that met these criteria:

1. Current Population Survey (CPS),
Annual Social and Economic Supplement (ASES), Census, 2001-2011
2. Behavioral Risk Factor Surveillance System (BRFSS) 2003-2010, RI Department of Health*
3. Hospital Discharge Data Set (HD) 2001-2011, RI Department of Health
4. RI Vital Statistics – Birth & Death Files (VS) – 2000-2011, RI Department of Health
5. Pregnancy Risk Assessment Monitoring System (PRAMS) 2002-2011, RI Department of Health
6. American Community Survey (ACS), Census Bureau, 2008-2010, IPUMS - University of Minnesota

* Note: BRFSS data is available from 2003-2010. In 2011 the weighting method was changed so in next years databook there will be a new baseline year of 2011/2012

POPULATION GROUPS

- The Uninsured
- Adults ages 18-64
- Hospitalizations
- Pregnant Women
- Births
- Postpartum Women

TYPES OF MEASURES

Health Indicators in this report provide measures in the following areas:

- Demographic Characteristics
- Access to Health Care
- Utilization
- Health Status
- Social Measures
- Long Term Care
- Quality of Care

LIST OF HEALTH INDICATORS FOR RHODE ISLANDERS BY TYPE OF MEASURE

DEMOGRAPHIC CHARACTERISTICS

Indicator #	Health Indicator	Years Available	Data Set	Page #
III-4	Percent of Hospitalizations to Females	2001 – 2011	Hospital Discharge	59
III-5	Percent of Hospitalizations to Minorities	2001 – 2011	Hospital Discharge	59
III-7	Percent of Hospital Admissions for Newborn Deliveries	2001 – 2011	Hospital Discharge	60
V-2	Total Number of Teen Births by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	86
V-3	Percent of Total Births to Teenagers by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	86
V-5	Percent of Births to Women (>=35) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	86
VII-2	Percent Living in a Female Head of Household by Health Insurance Coverage	2008 – 2011	American Community Survey	102
VII-4	Percent Living at 133% of Federal Poverty Level by Health Insurance Coverage	2008 – 2011	American Community Survey	103
VII-5	Percent with < High School Education by Health Insurance Coverage	2008 – 2011	American Community Survey	103
VII-8	Percent Unemployed by Health Insurance Coverage	2008 – 2011	American Community Survey	104
VII-10	Percent who are Hispanic by Health Insurance Coverage	2008 - 2011	American Community Survey	105

LIST OF HEALTH INDICATORS FOR RHODE ISLANDERS BY TYPE OF MEASURE

ACCESS TO HEALTH CARE

Indicator #	Health Indicator	Years Available	Data Set	Page #
I (1-3)	Percent of Uninsured Rhode Islanders by Age	2001 – 2011	CPS, Census	33
I-4	Percent of Rhode Islanders with Employer Based Coverage (<65)	2001 – 2011	CPS, Census	33
I-5	Percent of Rhode Islanders with Medicaid Coverage (<65)	2001 – 2011	CPS, Census	33
II-1	Percent of Rhode Islanders Who Couldn't See Doctor Due to Cost (ages 18-64) by Health Insurance Coverage	2003 – 2011	BRFSS	39
II-2	Percent of Rhode Islanders Who Had a Routine Check-up in Past Year (ages 18-64) by Health Insurance Coverage	2003 – 2011	BRFSS	39
III-6	Percent of Emergency Hospital Admissions	2001 – 2011	Hospital Discharge	59
III (10-11)	Rate of Hospitalizations for Ambulatory Care Sensitive Conditions (ACS) by Age Group and Health Insurance Coverage	2001 – 2011	Hospital Discharge	61

LIST OF HEALTH INDICATORS FOR RHODE ISLANDERS BY TYPE OF MEASURE

ACCESS TO HEALTH CARE

Indicator #	Health Indicator	Years Available	Data Set	Page #
VI-2	Percent of New Mothers Using Contraception by Health Insurance Coverage	2002 – 2011	Prenatal Risk and Monitoring System (PRAMS)	96
VI-3	Percent of Mothers Who Had Postpartum Checkup by Health Insurance Coverage	2002 - 2011	Prenatal Risk and Monitoring System (PRAMS)	96

LIST OF HEALTH INDICATORS FOR RHODE ISLANDERS BY TYPE OF MEASURE

HEALTH STATUS

Indicator #	Health Indicator	Years Available	Data Set	Page #
III (8-9)	Percent of Hospitalizations with Primary Diagnosis of Mental Disorder by Age Group and Health Insurance Coverage	2001 – 2011	Hospital Discharge	60
III (12-15)	Percent of Hospitalizations - >7 or >30 Days by Age Group and Health Insurance Coverage	2001 – 2011	Hospital Discharge	62
III (16-17)	Average Length of Stay for Hospitalizations in Days by Age Group and Health Insurance Coverage	2001 – 2011	Hospital Discharge	64
V-4	Percent of Repeat Births to Teen Mothers by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	86
V-6	Percent of RI Births to Women with Parity (>3) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	87
V-7	Percent of Pregnant Women Who Smoke Cigarettes by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	87
V-8	Percent of Women with Short Interbirth Interval (<18 months) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	87
V-9	Percent of Cesarean Births by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	87
V-11	Percent of Low Birthweight Infants (<2500 grams) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	88
V-12	Percent of Very Low Birthweight Infants (<1500 grams) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	88
V-13	Percent of Premature Births (<37 weeks) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	88
V-14	Percent of Multiple Births by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth File	88

LIST OF HEALTH INDICATORS FOR RHODE ISLANDERS BY TYPE OF MEASURE

HEALTH STATUS

Indicator #	Health Indicator	Years Available	Data Set	Page #
V-15	Neonatal Mortality (<28 days) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth & Death Files	89
V-16	Postneonatal Mortality (28-365 days) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth & Death Files	89
V-17	Infant Mortality (<1 year) by Health Insurance Coverage	1996 – 2011	Vital Statistics Birth & Death Files	89
V1-1	Percent of RI Mothers Who Breastfed by Health Insurance Coverage	2002 – 2011	PRAMS	96
VII-12	Percent with Cognitive Disability by Health Insurance Coverage	2008 – 2011	American Community Survey	106
VII-13	Percent with Ambulatory Disability by Health Insurance Coverage	2008 – 2011	American Community Survey	106
VII-14	Percent with Independent Living Disability by Health Insurance Coverage	2008 – 2011	American Community Survey	106
VII-15	Percent with Self Care Disability by Health Insurance Coverage	2008 – 2011	American Community Survey	107
VII-16	Percent with Serious Vision or Hearing Difficulty by Health Insurance Coverage	2008 - 2011	American Community Survey	107

LIST OF HEALTH INDICATORS FOR RHODE ISLANDERS BY TYPE OF MEASURE

SOCIAL MEASURE

Indicator #	Health Indicator	Years Available	Data Set	Page #
VI-4	Percent of Pregnant Women Who Moved During Pregnancy by Health Insurance Coverage	2002 – 2011	PRAMS	96
VI-5	Percent of Pregnant Women Who were Homeless During Pregnancy by Health Insurance Coverage	2002 – 2011	PRAMS	96
VI-6	Percent of Pregnant Women Who Couldn't Pay Bills During Pregnancy by Health Insurance Coverage	2002 – 2011	PRAMS	97
VI-7	Percent of Pregnant Women Who Argued More With Husband/Partner During Pregnancy by Health Insurance Coverage	2002 – 2011	PRAMS	97
VI-8	Percent of Pregnant Women Whose Pregnancies are Unplanned by Health Insurance Coverage	2002 - 2011	PRAMS	97

LIST OF HEALTH INDICATORS FOR RHODE ISLANDERS BY TYPE OF MEASURE

LONG TERM CARE

Indicator #	Health Indicator	Years Available	Data Set	Page #
II-9	Limited Due to Physical/Emotional Problems	2003 – 2011	BRFSS	41
II-11	Fair/Poor Health Status	2003 – 2011	BRFSS	42
II-12	Physical Health Not Good	2003 – 2011	BRFSS	42
II-13	Average Days Per Month Physical Health Not Good	2003 – 2011	BRFSS	43
II-14	Mental Health Not Good	2003 – 2011	BRFSS	43
II-15	Average Days Per Month Mental Health Not Good	2003 – 2011	BRFSS	43
II-16	Smoke Cigarettes	2003 – 2011	BRFSS	44
III-18	Hospitalizations Discharged Home	2003 – 2011	Hospital Discharge	65
III-19	Hospitalizations Discharged to Home Health Agency	2003 – 2011	Hospital Discharge	65
III-20	Hospitalizations Discharged to Skilled Nursing Facility	2003 – 2011	Hospital Discharge	65

LIST OF HEALTH INDICATORS FOR RHODE ISLANDERS BY TYPE OF MEASURE

QUALITY OF CARE

Indicator #	Health Indicator	Years Available	Data Set	Page #
II-3	Flu Shot	2003 – 2011	BRFSS	39
II-4	Pneumonia Vaccine	2003 – 2011	BRFSS	40
III-10	Ambulatory Care Sensitive Conditions (ACS) Hospitalizations (<18)	2001 – 2011	Hospital Discharge	61
III-11	Ambulatory Care Sensitive Conditions (ACS) Hospitalizations (18-64)	2001 – 2011	Hospital Discharge	61
IV-3	Overall PQI Hospitalizations	2005 – 2011	Hospital Discharge	76
IV-4	Acute PQI Hospitalizations	2005 – 2011	Hospital Discharge	77
IV-5	Chronic PQI Hospitalizations	2005 – 2011	Hospital Discharge	77
IV-6	Diabetes PQI Hospitalizations (short term complications)	2005 – 2011	Hospital Discharge	77
IV-7	Chronic Obstructive Pulmonary Disease or Asthma PQIs Hospitalizations	2005 – 2011	Hospital Discharge	78
IV-8	Congestive Heart Failure PQI Hospitalizations	2005 – 2011	Hospital Discharge	78
IV-9	Bacterial Pneumonia PQI Hospitalizations	2005 – 2011	Hospital Discharge	78
IV-10	Urinary Tract Infection PQI Hospitalizations	2005 – 2011	Hospital Discharge	79
VI-2	Postpartum Women Using Contraception	2002 - 2011	PRAMS	96

Section Ia: List of Health Indicators For Uninsured Rhode Islanders By Age

1) Percent Uninsured – all ages – one, two, and three year averages

2) Percent Uninsured Children (<18) – one, two, and three year averages

3) Percent Uninsured Rhode Islanders (<65) – one, two, and three year averages

4) Percent of Rhode Islanders with Employer Based Coverage (<65)

5) Percent of Rhode Islanders with Medicaid Coverage (<65)

Data Source: Rhode Island Medicaid Research and Evaluation Project, Current Population Survey, Census 2001-2011
Annual Social and Economic Supplements (ASES) – September 2010

Technical Notes: September Estimates

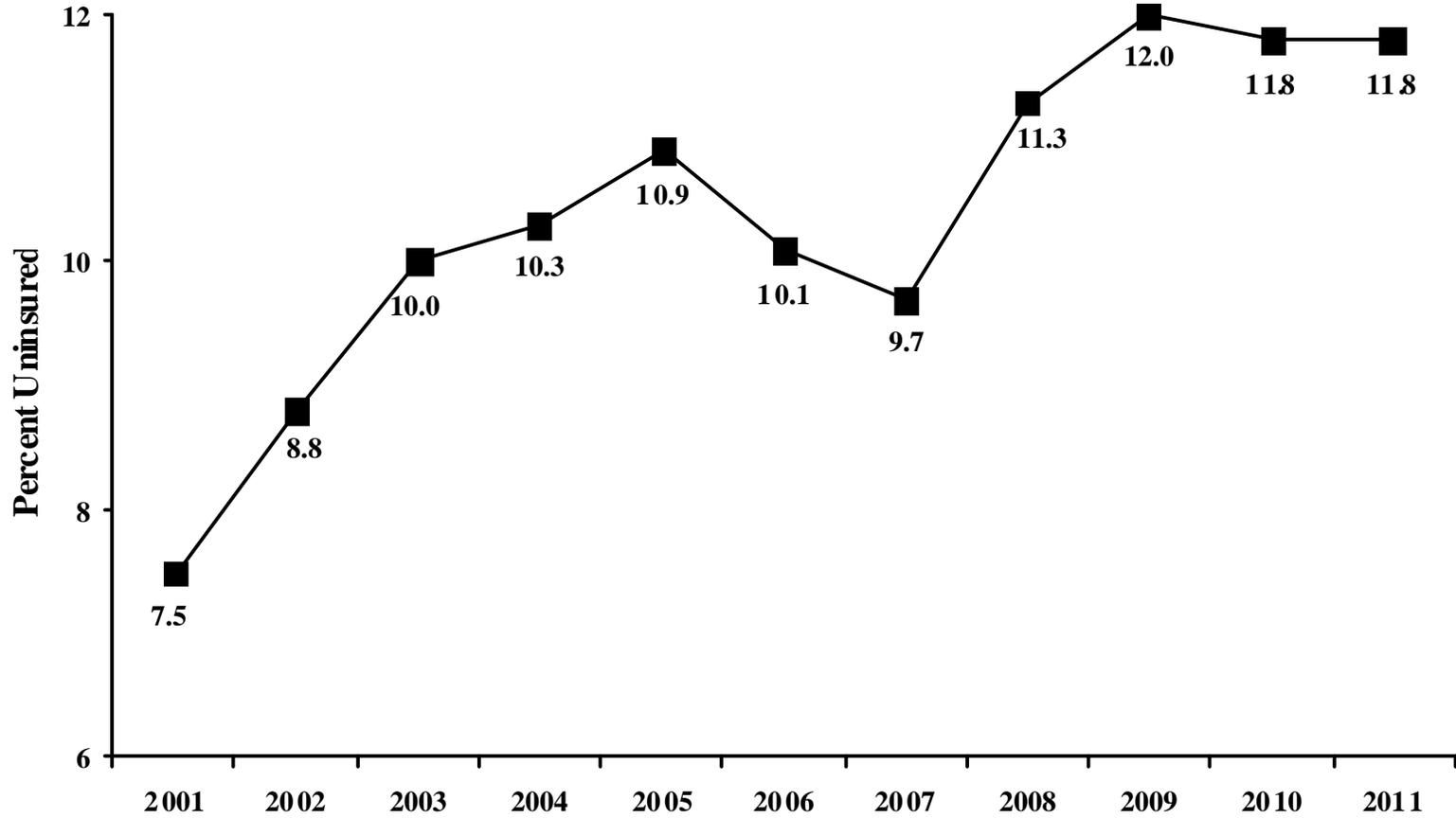
Health Insurance Coverage is measured at time of interview for previous year. Someone is considered uninsured if they do not have coverage for entire year.

Section Ib: Health Indicator Data Table for Uninsured Rhode Islanders by Age 2001-2011

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1) Percent Uninsured – all ages											
One year average	7.7	9.8	10.2	10.4	11.5	8.6	10.8	11.8	12.3	11.4	12.0
Two year average	7.5	8.8	10.0	10.3	10.9	10.1	9.7	11.3	12.0	11.8	11.8
Three year average	7.1	8.3	9.2	10.1	10.7	10.2	10.3	10.4	11.6	11.8	11.9
2) Percent Uninsured Children (<18)											
One year average	4.5	4.7	5.2	7.1	7.6	4.1	8.8	7.9	6.0	5.3	5.8
Two year average	4.1	4.6	4.9	6.2	7.4	5.9	6.5	8.3	6.9	5.6	5.6
Three year average	4.6	4.3	4.8	5.7	6.7	6.3	6.9	6.9	7.6	6.4	6.0
3) Percent Uninsured Islanders (<65)											
One year average	9.0	11.3	11.7	11.7	13.0	9.7	12.2	13.4	13.9	13.1	14.0
Two year average	8.9	10.2	11.5	11.7	12.3	11.4	10.2	12.8	13.6	13.5	13.6
Three year average	8.4	9.7	10.7	11.6	12.1	11.5	11.6	11.8	13.1	13.4	13.6
4) Percent of Rhode Islanders with Employer Based Coverage (<65)	73.9	69.3	70.4	67.2	67.6	69.3	68.2	65.5	63.6	63.9	62.4
5) Percent of Rhode Islanders with Medicaid Coverage (<65)	13.9	16.5	15.8	17.4	16.9	19.7	15.6	16.2	19.7	18.5	19.8

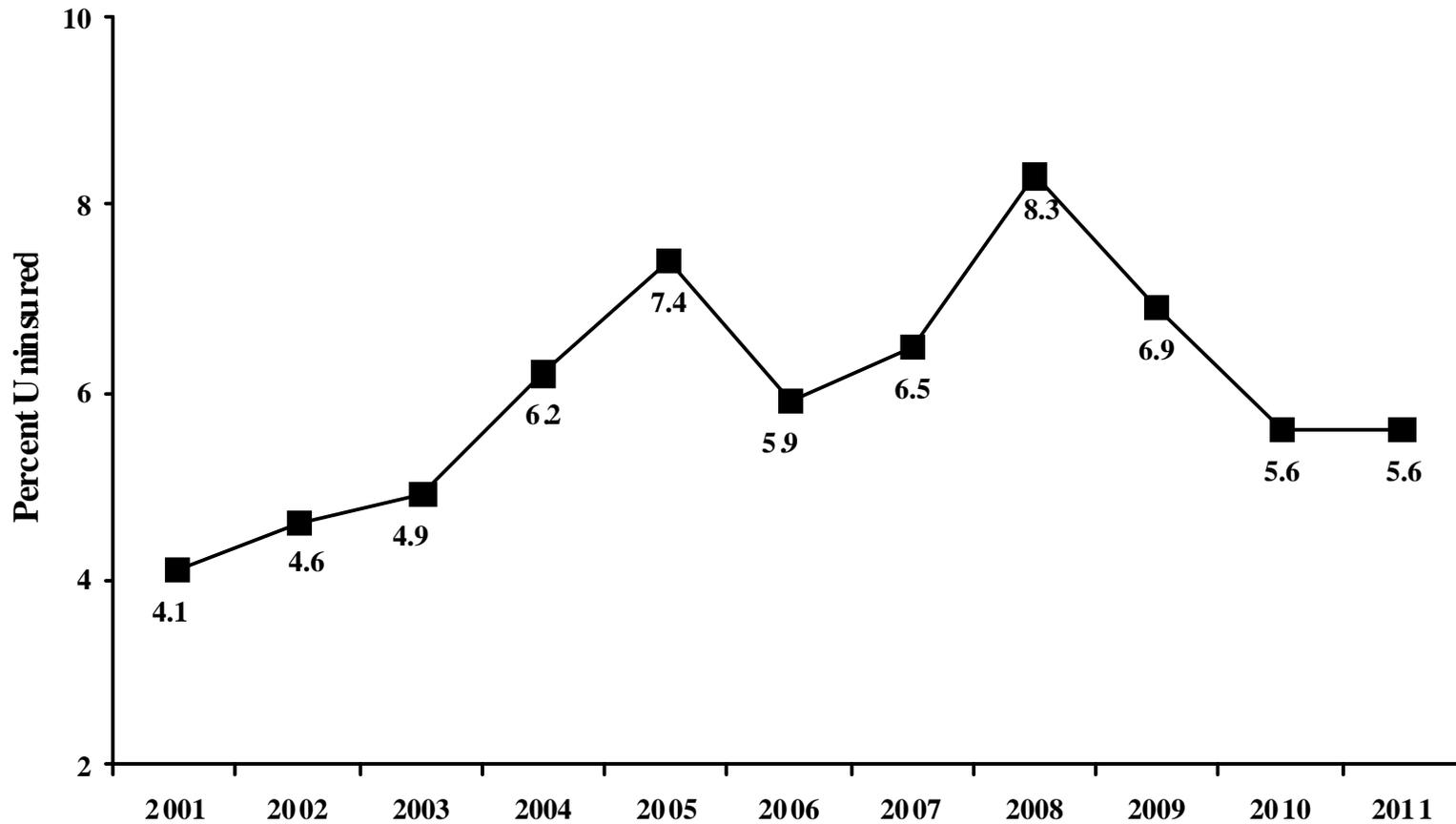
Data Source: Census, Current Population Survey, 2001-2011, Annual Social and Economic Supplements (ASEC) – September Estimates 2011

**Figure 1: Percent Uninsured Rhode Islanders
All Ages - Two Year Average**



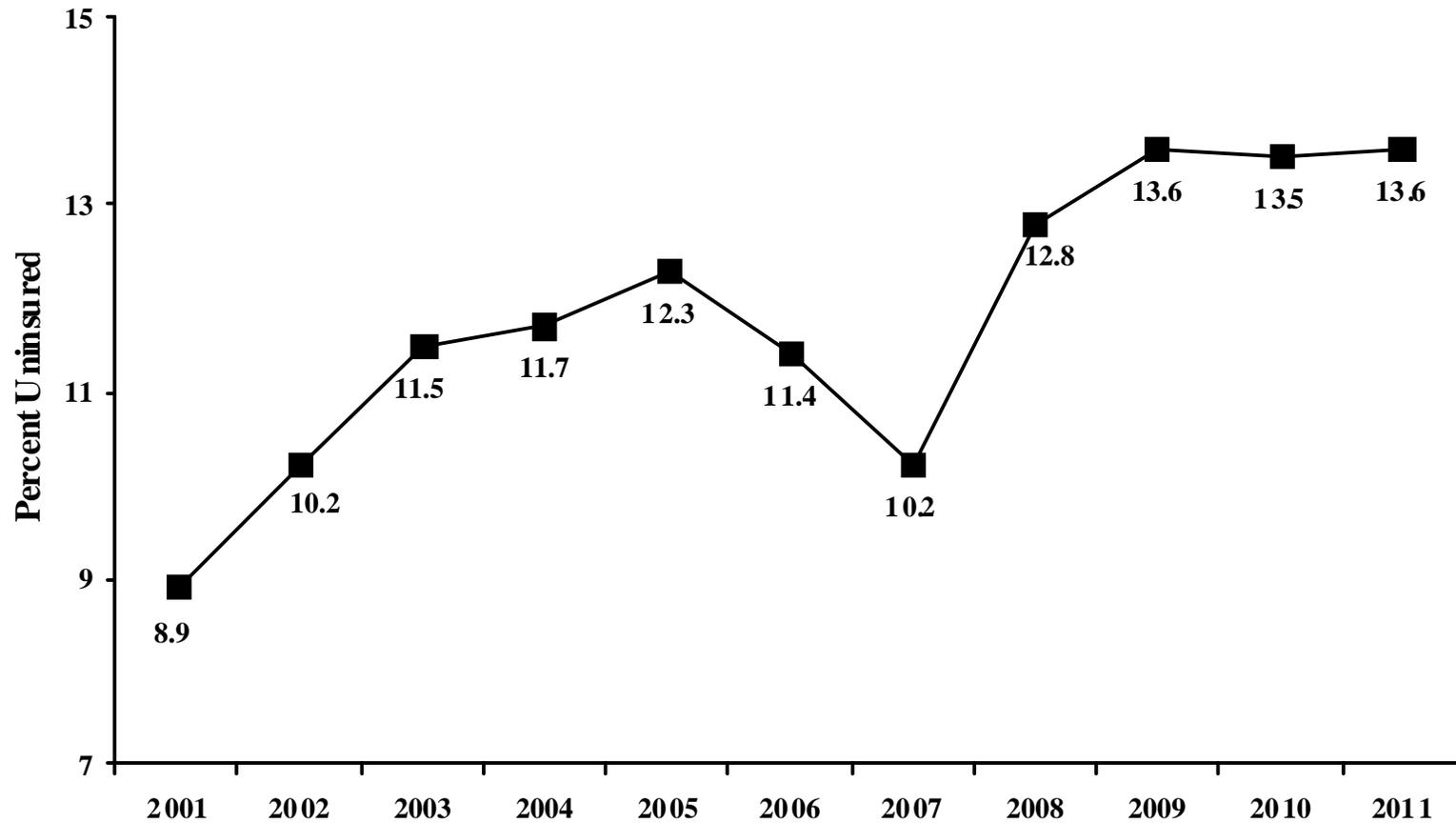
Data Source: Census, Current Population Survey, September Estimate, 2001-2011

Figure 2: Percent Uninsured Rhode Island Children (<18) Two Year Average



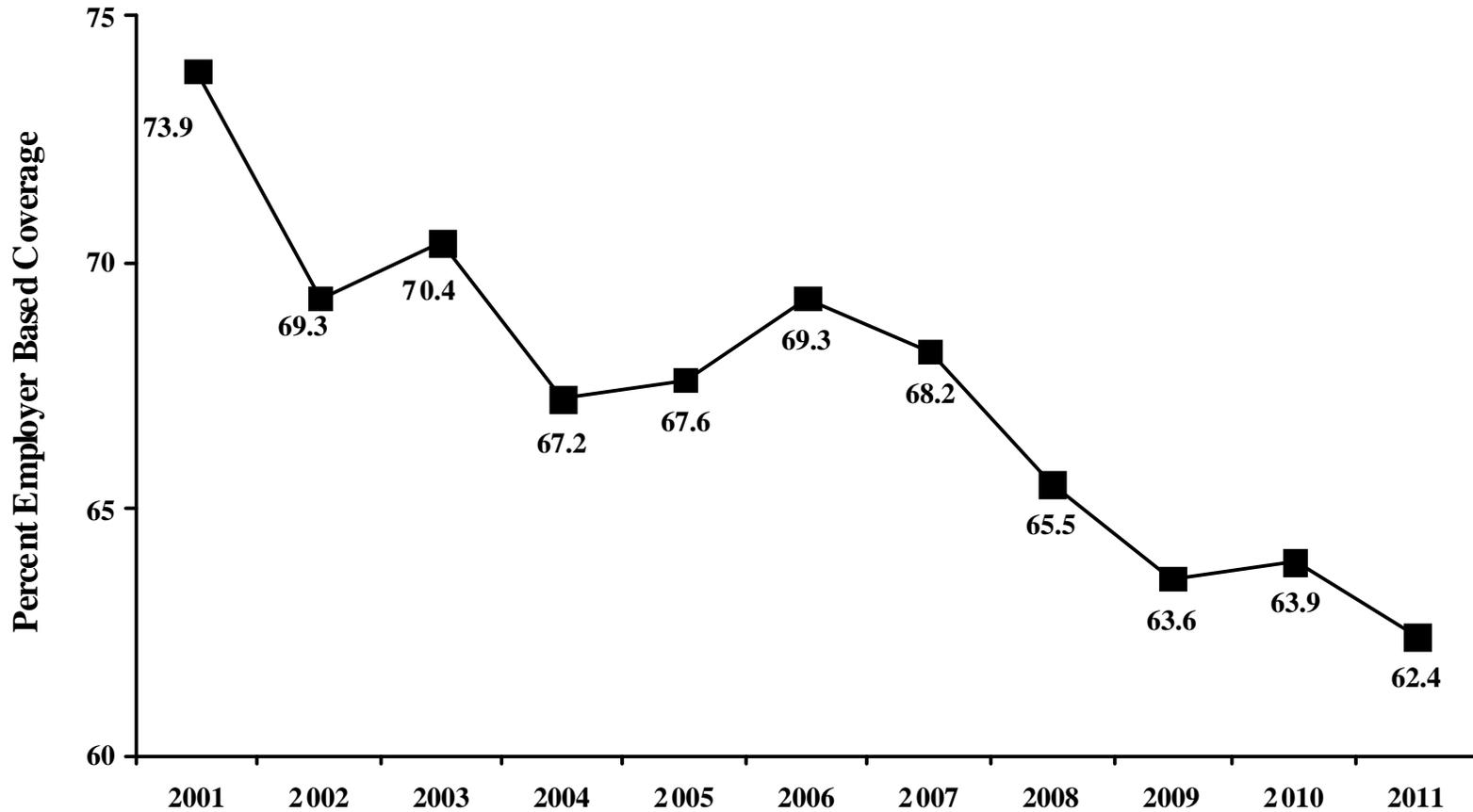
Data Source: Census, Current Population Survey, September Estimate, 2001-2011

Figure 3: Percent Uninsured Rhode Islanders (<65) Two Year Average



Data Source: Census, Current Population Survey, September Estimate, 2001-2011

Figure 4: Percent of Rhode Islanders with Employer Based Coverage (<65)



Data Source: Census, Current Population Survey, September Estimate, 2001-2011

Section IIa: List of Health Indicators for Access to Health Care and Health Status for Rhode Islanders 18-64 by Health Insurance Coverage*

1) Percent Couldn't See Doctor Due to Cost

2) Percent Had a Routine Check-up in Past Year

3) Percent Had Flu Shot in past Year

4) Percent Ever Had Pneumonia Vaccine

5) Percent Have Diabetes

6) Percent Have Asthma

7) Percent Have Arthritis

8) Percent Who are Obese

9) Percent Limited in Any Way Due to Physical or Emotional Problems

10) Percent Have Health Problem That Requires Special Equipment

11) Percent with Fair/Poor Health

12) Percent Physical Health Not Good >14 Days Per Month

13) Average Days Per Month Physical Health Not Good

14) Percent Mental Health Not Good >14 Days Per Month

15) Average Days Per Month Mental Health Not Good

16) Percent Who Smoke Cigarettes

17) Percent Who Exercised in Past Month

Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health 2003-2010

* Health Insurance Coverage is measured at the time of interview (point in time) -

“What type of health care coverage do you use to pay for most of your medical care?”

**Section IIb: Health Indicator Data Table for Access to Health Care and Health Status
for Rhode Islanders 18-64 Years Old by Health Insurance Coverage 2003-2010**

	2003-2004	2005-2006	2007-2008	2009-2010
1) Percent Couldn't See Doctor Due to Cost in Past Year				
Medicare	13.7	18.5	21.3	19.1
Medicaid	13.0	15.5	13.4	15.9
RItE Care	10.3	9.6	13.2	11.5
Private	5.1	5.3	6.4	6.1
Uninsured	45.9	48.6	50.1	58.6
2) Percent Had a Routine Check-up in Past Year				
Medicare	88.0	83.8	88.9	84.5
Medicaid	88.8	85.2	84.4	86.4
RItE Care	82.7	84.9	72.2	75.1
Private	80.6	80.1	79.7	79.5
Uninsured	52.3	42.1	44.2	40.0
3) Percent Had Flu Shot in Past Year				
Medicare	47.5	42.1	43.0	46.6
Medicaid	36.0	31.1	46.1	38.4
RItE Care	20.8	21.7	26.6	46.2
Private	31.2	26.7	36.5	43.3
Uninsured	13.3	15.0	21.4	18.5

Data Source: Behavioral Risk Factor Surveillance System (BRFSS) 2003-2010, RI Department of Health
 Note: Years are grouped in two year categories to ensure sample size >100 in each insurance group

	2003-2004	2005-2006	2007-2008	2009-2010
4) Percent Ever Had Pneumonia Vaccine				
Medicare	32.8	24.8	32.8	34.3
Medicaid	26.6	28.8	23.6	15.7
RIte Care	15.2	4.8	16.0	22.2
Private	14.4	12.2	12.1	15.9
Uninsured	17.2	16.8	11.9	12.0
5) Percent Have Diabetes				
Medicare	12.1	13.6	14.7	14.9
Medicaid	16.5	7.4	17.2	15.2
RIte Care	2.7	2.1	3.5	1.3
Private	4.1	4.6	4.6	5.0
Uninsured	1.5	3.6	3.0	3.6
6) Percent Have Asthma				
Medicare	21.0	24.9	24.6	22.9
Medicaid	27.0	23.6	33.7	24.5
RIte Care	32.0	23.5	26.2	37.6
Private	14.7	15.2	15.1	16.2
Uninsured	11.4	17.0	14.2	17.9

Data Source: Behavioral Risk Factor Surveillance System (BRFSS) 2003-2010, RI Department of Health

Note: Years are grouped in two year categories to ensure sample size >100 in each insurance group

	2003-2004	2005-2006	2007-2008	2009-2010
7) Percent have Arthritis				
Medicare	42.5	42.3	49.8	41.2
Medicaid	36.8	33.6	41.8	30.7
RIte Care	19.8	22.2	23.0	28.5
Private	21.9	21.5	22.8	23.2
Uninsured	14.4	12.9	13.6	13.7
8) Percent Who are Obese				
Medicare	23.0	25.3	33.4	31.2
Medicaid	31.5	30.2	37.1	36.0
RIte Care	20.8	24.7	27.0	43.6
Private	17.2	19.2	21.3	25.0
Uninsured	18.1	20.5	20.4	26.5
9) Percent Limited in Any Way Due to Physical or Emotional Problems				
Medicare	55.8	53.4	62.6	53.7
Medicaid	51.4	46.7	52.0	44.6
RIte Care	24.7	23.9	22.6	24.4
Private	11.8	13.5	15.0	12.7
Uninsured	12.3	19.4	15.1	21.2

Data Source: Behavioral Risk Factor Surveillance System (BRFSS) 2003-2010, RI Department of Health

Note: Years are grouped in two year categories to ensure sample size >100 in each insurance group

	2003-2004	2005-2006	2007-2008	2009-2010
10) Percent Have Health Problem That Requires Special Equipment				
Medicare	19.1	21.4	22.4	25.5
Medicaid	14.8	14.7	23.4	18.7
RItE Care	2.3	1.0	5.7	5.8
Private	2.0	2.7	3.0	3.1
Uninsured	1.5	3.3	4.0	3.7
11) Percent with Fair/Poor Health				
Medicare	49.7	44.7	46.5	36.1
Medicaid	43.1	36.3	42.6	32.4
RItE Care	13.6	9.5	13.4	11.7
Private	6.6	6.7	7.0	6.2
Uninsured	19.9	23.4	22.4	18.0
12) Percent Physical Health Not Good \geq14 Days Per Month				
Medicare	32.9	33.4	35.7	34.0
Medicaid	32.6	30.2	31.5	26.1
RItE Care	8.9	11.8	13.2	9.7
Private	6.7	7.5	7.5	6.2
Uninsured	10.4	9.8	13.9	11.7

Data Source: Behavioral Risk Factor Surveillance System (BRFSS) 2003-2010, RI Department of Health

Note: Years are grouped in two year categories to ensure sample size >100 in each insurance group

	2003-2004	2005-2006	2007-2008	2009-2010
13) Average Days Per Month Physical Health Not Good *				
Medicare	16.4	16.9	17.5	17.5
Medicaid	18.1	16.5	14.0	14.4
RIte Care	7.6	11.9	10.2	10.5
Private	7.5	7.8	7.9	7.5
Uninsured	11.8	12.0	12.3	9.9
14) Percent Mental Health Not Good \geq14 Days Per Month				
Medicare	26.1	23.2	24.6	31.9
Medicaid	33.0	26.6	32.0	31.4
RIte Care	24.0	17.7	14.0	19.6
Private	8.1	8.0	9.5	7.4
Uninsured	18.4	17.8	17.6	20.9
15) Average Days Per Month Mental Health Not Good **				
Medicare	14.1	14.3	15.7	16.9
Medicaid	14.3	16.2	17.2	16.6
RIte Care	13.5	13.0	11.0	13.7
Private	8.2	8.4	9.0	8.3
Uninsured	11.7	12.0	12.3	12.4

* for those whose physical health is not good at least one day per month

** for those whose mental health is not good at least one day per month

Data Source: Behavioral Risk Factor Surveillance System (BRFSS) 2003-2010, RI Department of Health

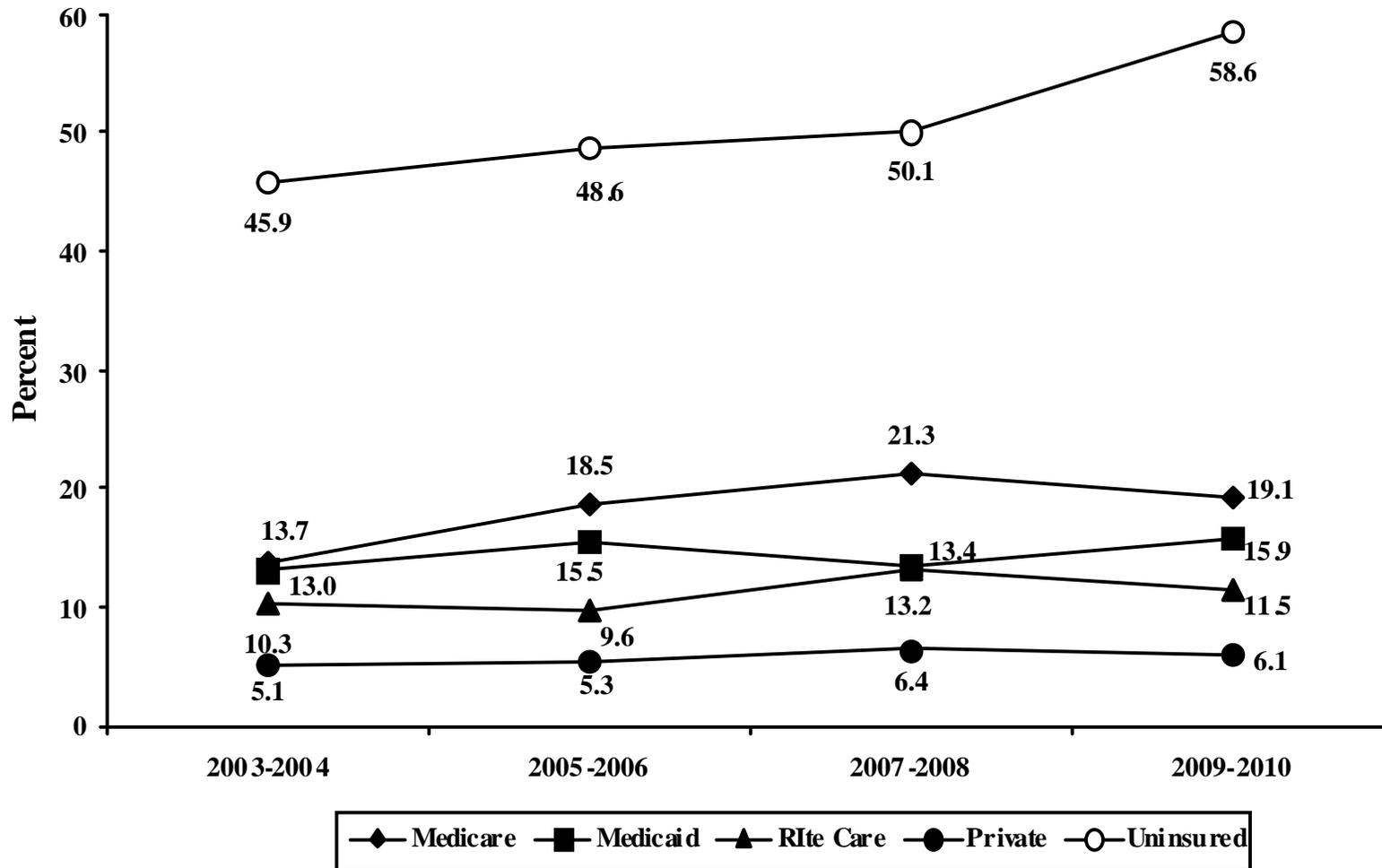
Note: Years are grouped in two year categories to ensure sample size >100 in each insurance group

	2003-2004	2005-2006	2007-2008	2009-2010
16) Percent Who Smoke Cigarettes				
Medicare	36.7	23.5	28.4	27.1
Medicaid	38.3	32.4	43.5	32.2
RItE Care	44.2	36.2	42.8	32.4
Private	20.7	19.1	15.3	12.9
Uninsured	40.6	35.7	28.9	30.9
17) Percent Who Exercised in Past Month				
Medicare	53.2	55.9	61.1	60.1
Medicaid	55.6	53.3	54.8	55.7
RItE Care	71.6	68.1	68.6	70.7
Private	82.1	81.5	82.5	81.3
Uninsured	75.4	65.2	67.7	70.6

Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, CY 2003-2010, RI Department of Health

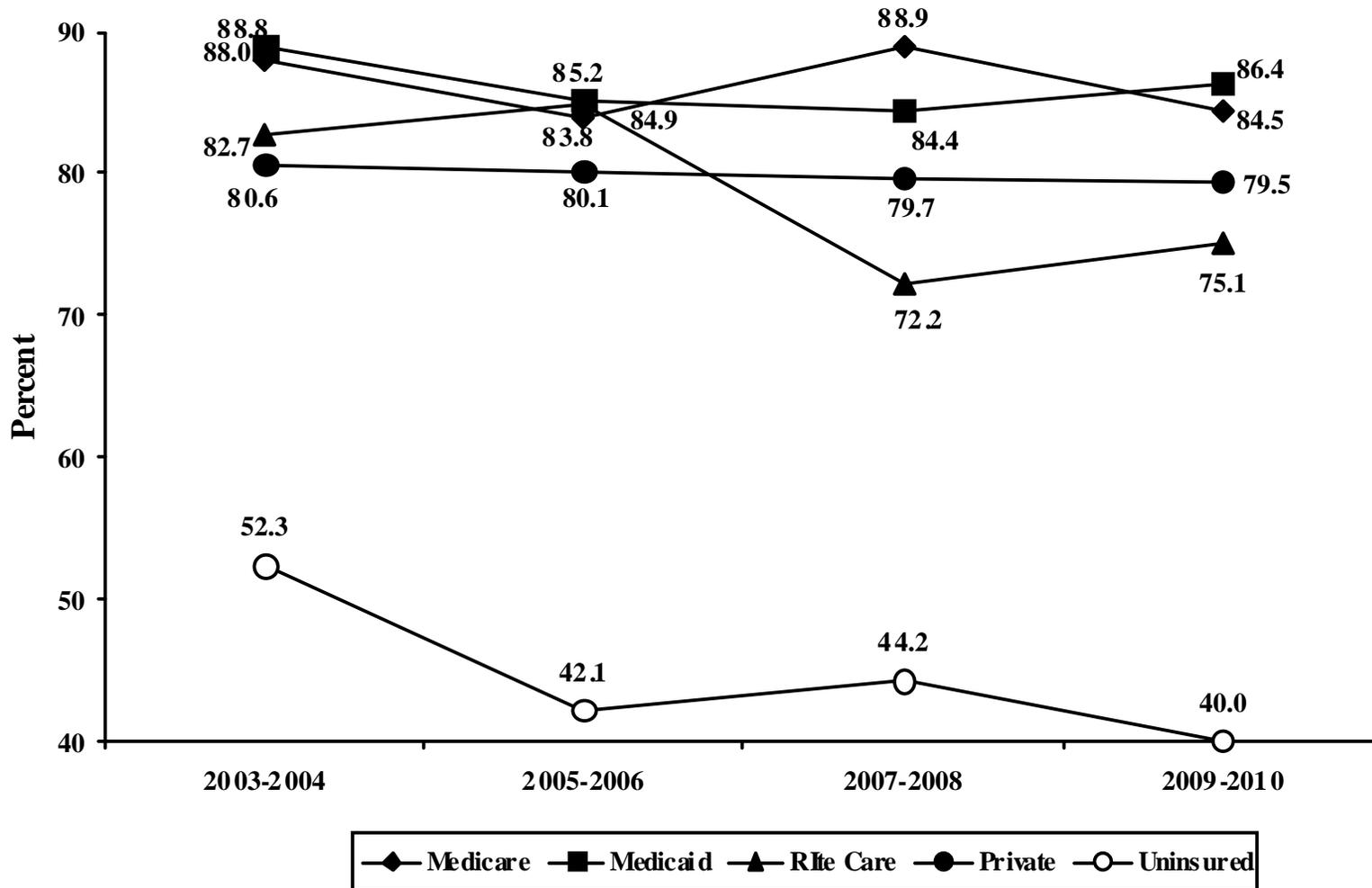
Note: Years are grouped in two year categories to ensure sample size >100 in each insurance group

**Figure 5: Percent of Rhode Islanders (18-64)
Who Couldn't See Doctor Due to Cost in Past Year
by Health Insurance Coverage**



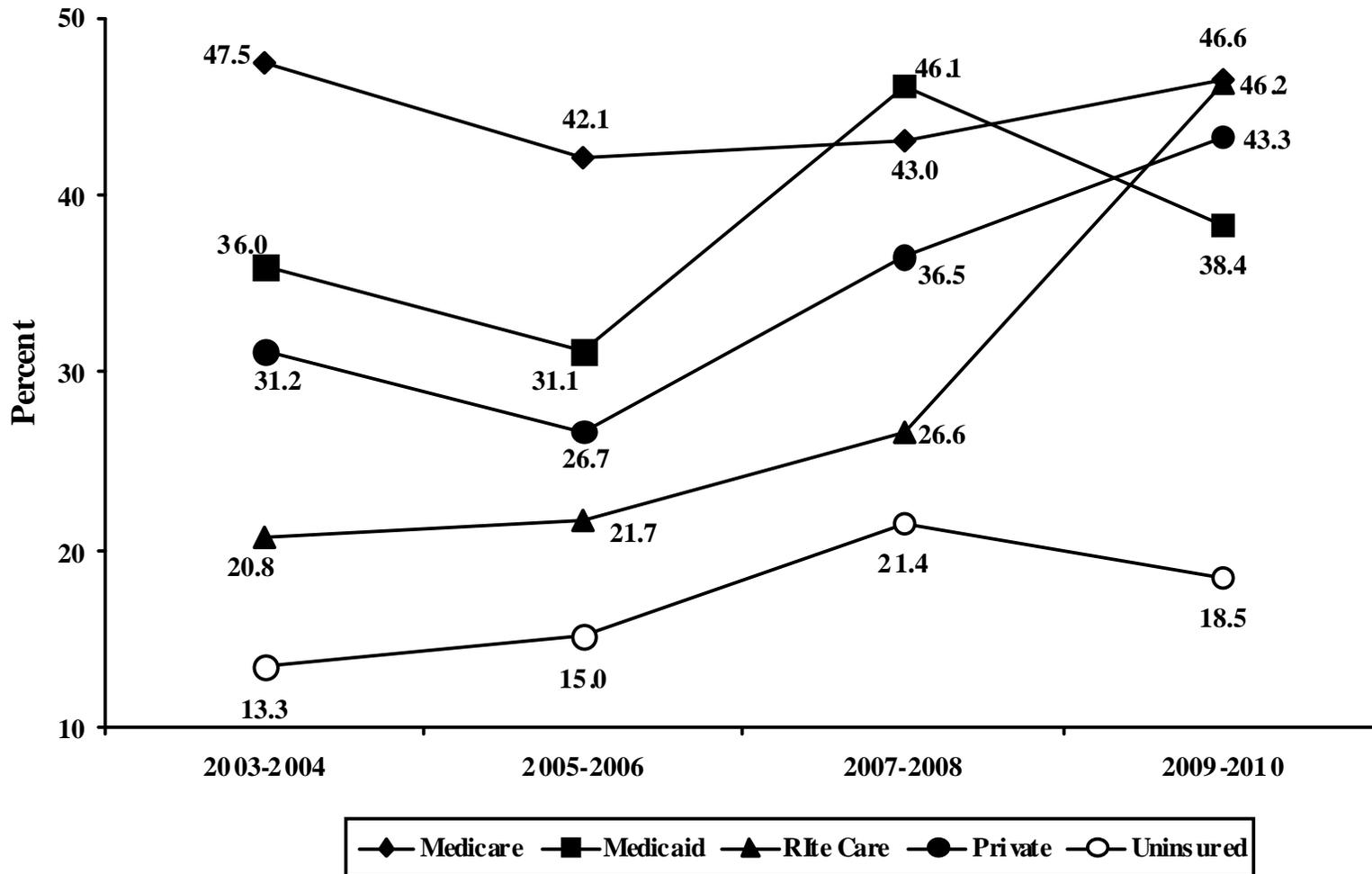
Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

**Figure 6: Percent of Rhode Islanders (18-64)
Who Had a Routine Check-up in Past Year
by Health Insurance Coverage**



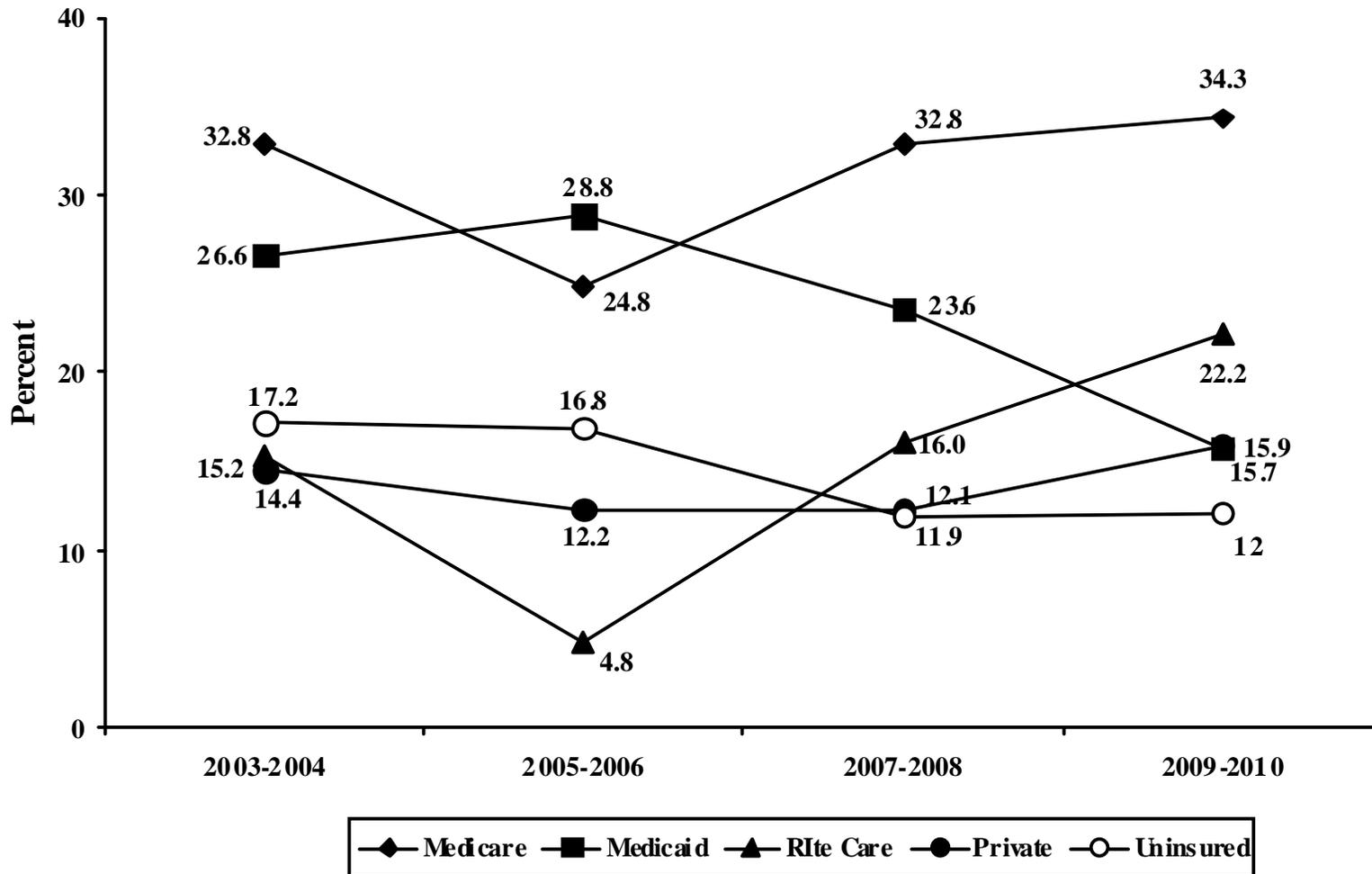
Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

**Figure 7: Percent of Rhode Islanders (18-64)
Who Had a Flu Shot in Past Year
by Health Insurance Coverage**



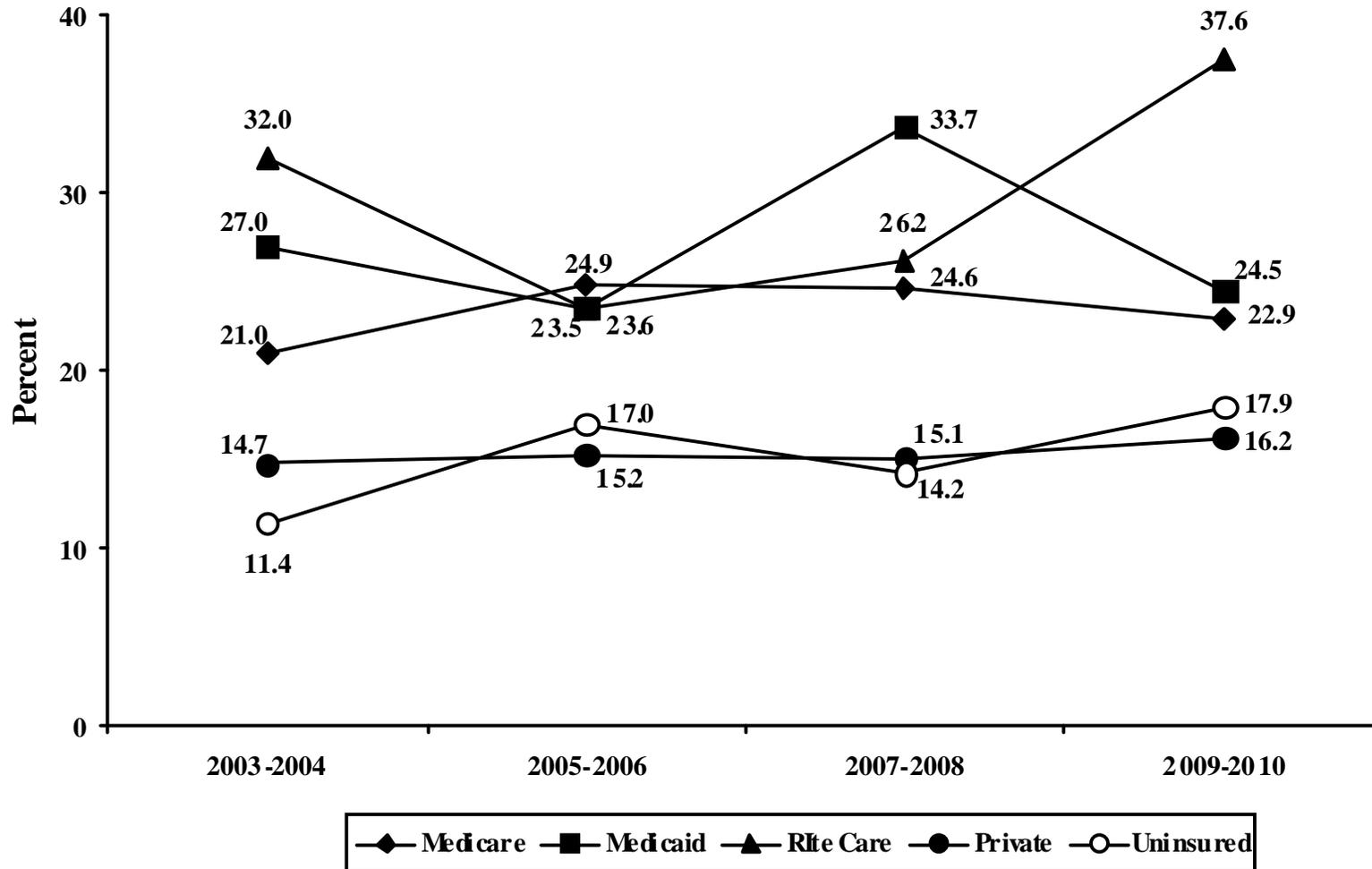
Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

Figure 8: Percent of Rhode Islanders (18-64) Who Had a Pneumonia Vaccine in Past Year by Health Insurance Coverage



Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

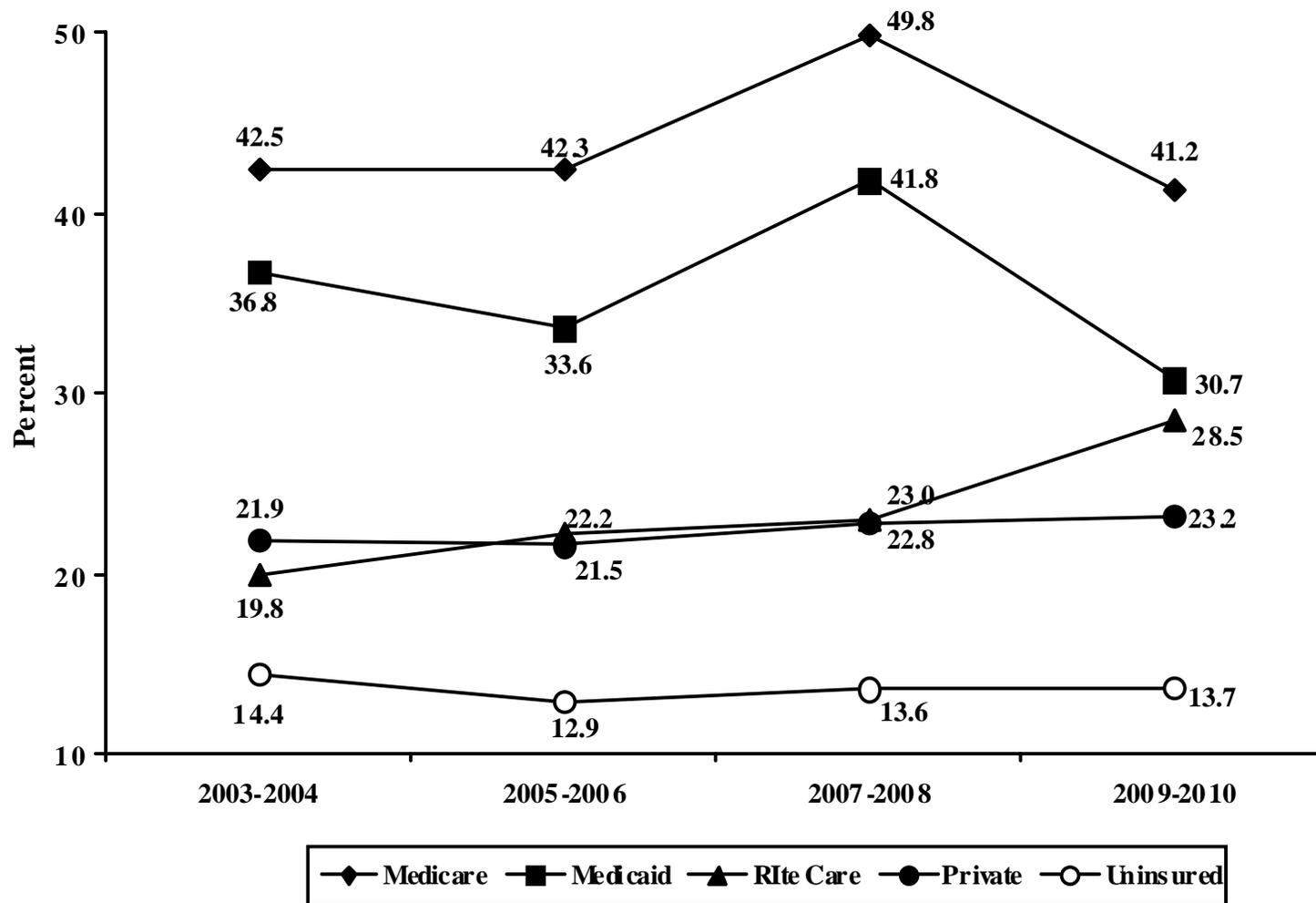
Figure 9: Percent of Rhode Islanders (18-64) Who Have Asthma by Health Insurance Coverage



Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

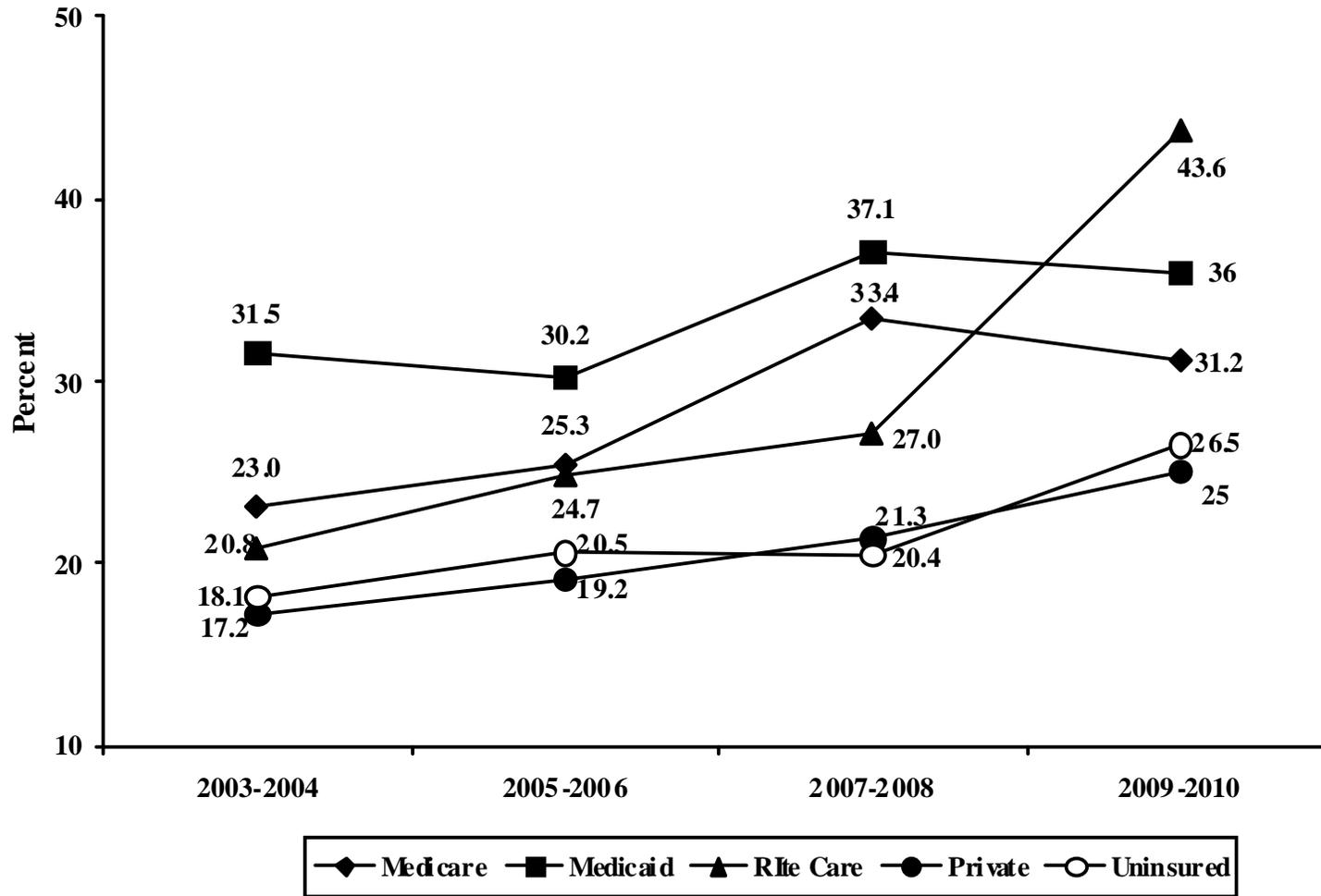
Note: Disease rates may fluctuate from year to year due to a small increase in cases.

Figure 10: Percent of Rhode Islanders (18-64) Who Have Arthritis by Health Insurance Coverage



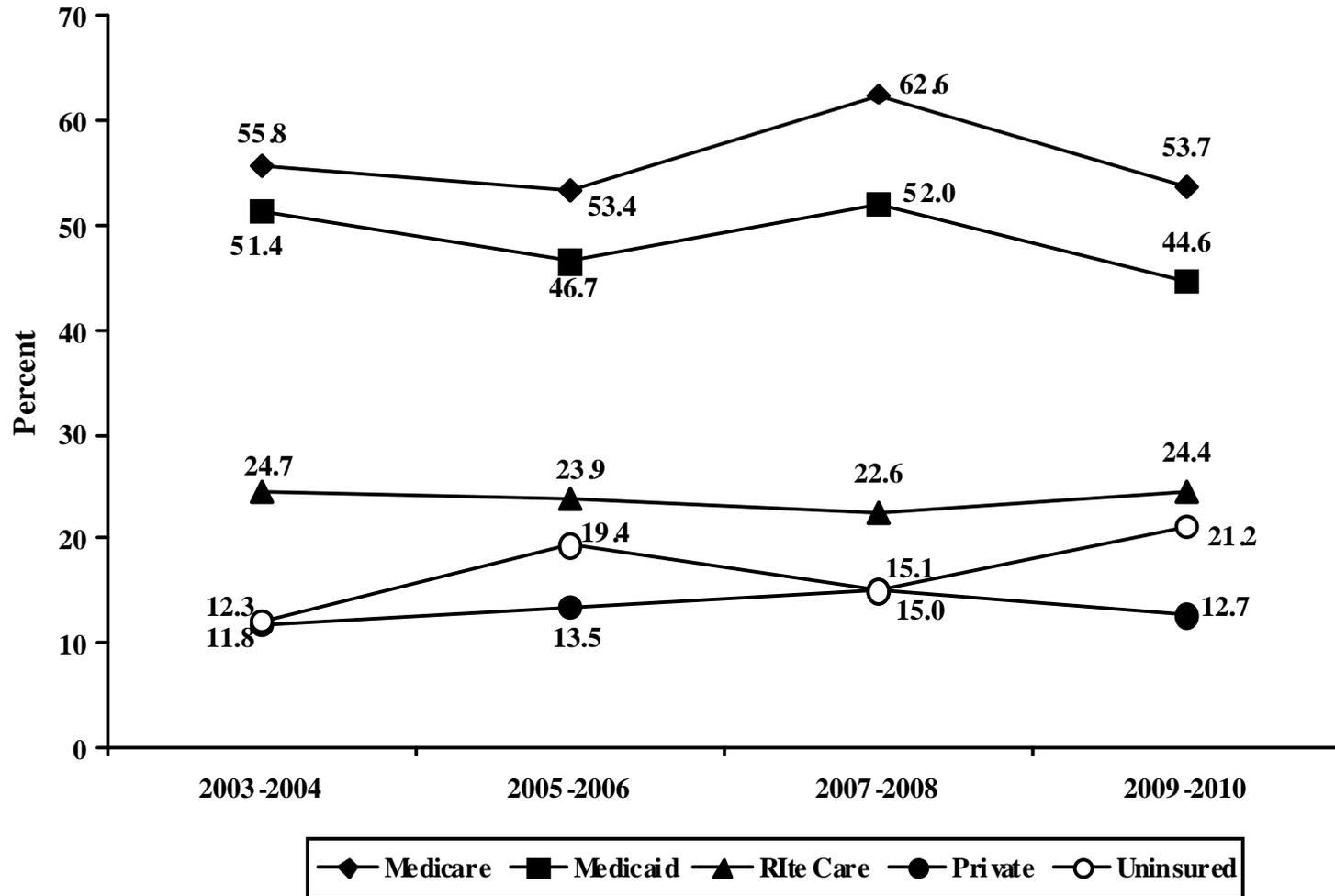
Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

Figure 11: Percent of Rhode Islanders (18-64) Who are Obese by Health Insurance Coverage



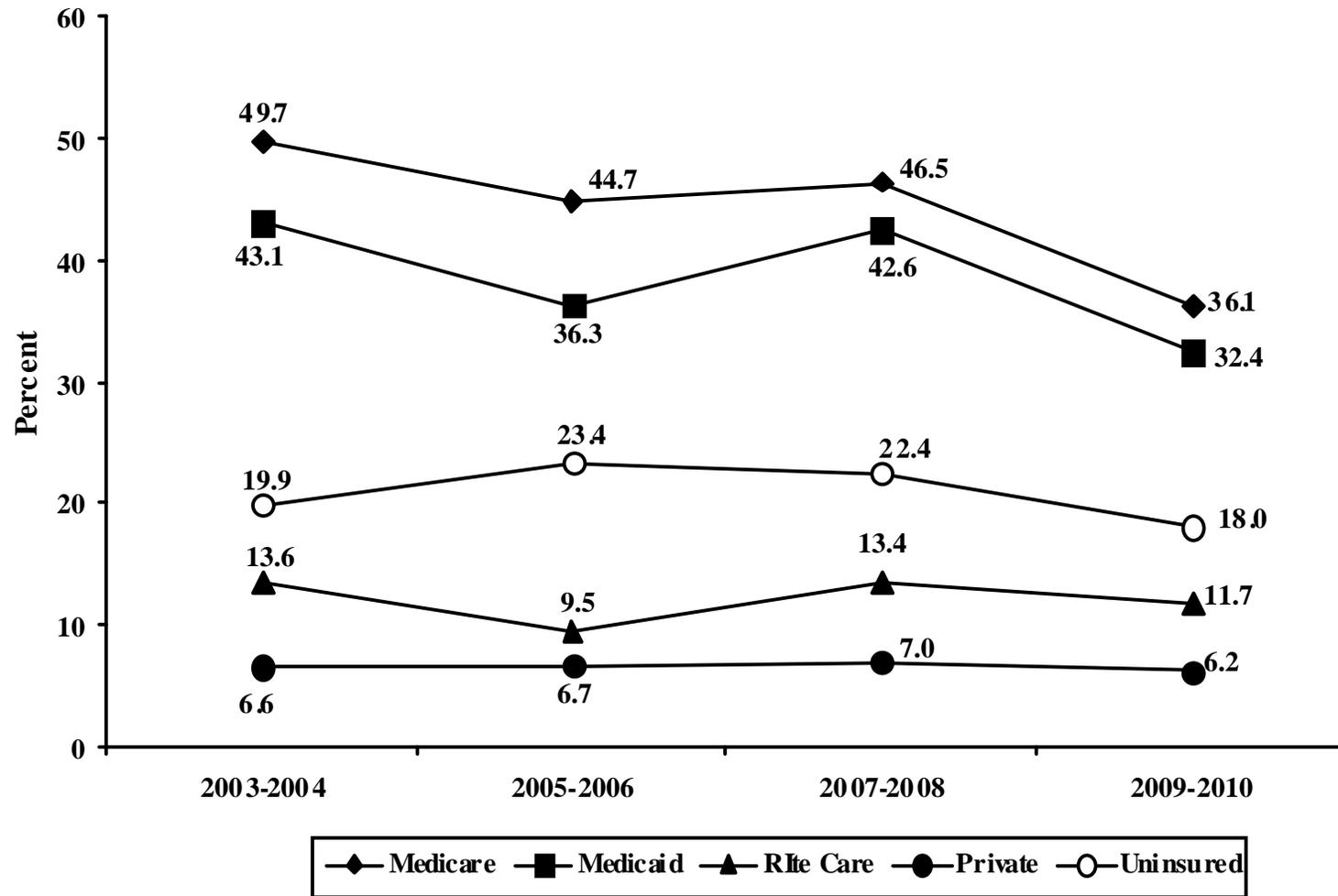
Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010
 Note: Disease rates may fluctuate from year to year due to a small increase in cases

Figure 12: Percent of Rhode Islanders (18-64) Who are Limited in Any Way Due to Physical or Emotional Problems by Health Insurance Coverage



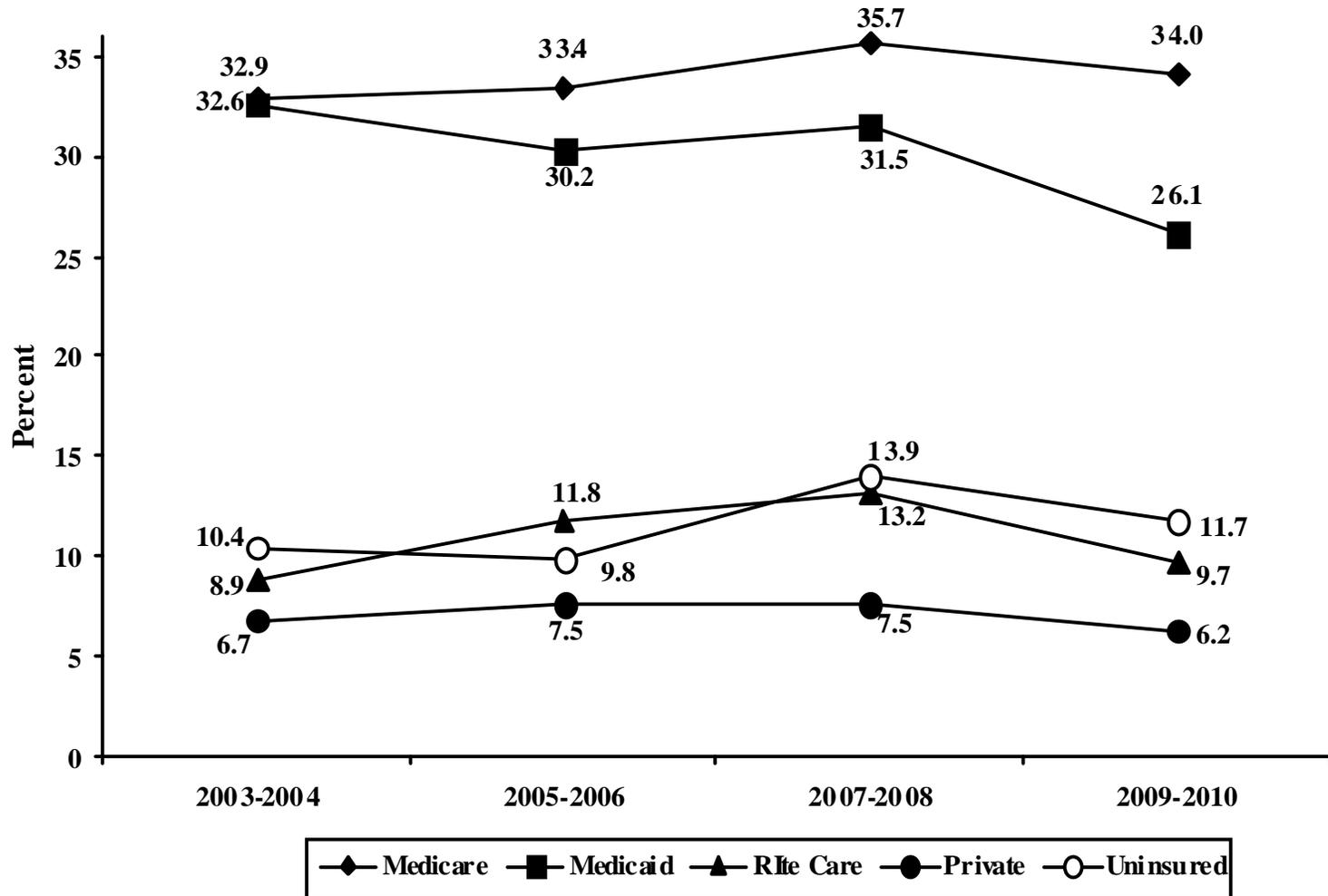
Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

Figure 13: Percent of Rhode Islanders (18-64) with Fair/Poor Health by Health Insurance Coverage



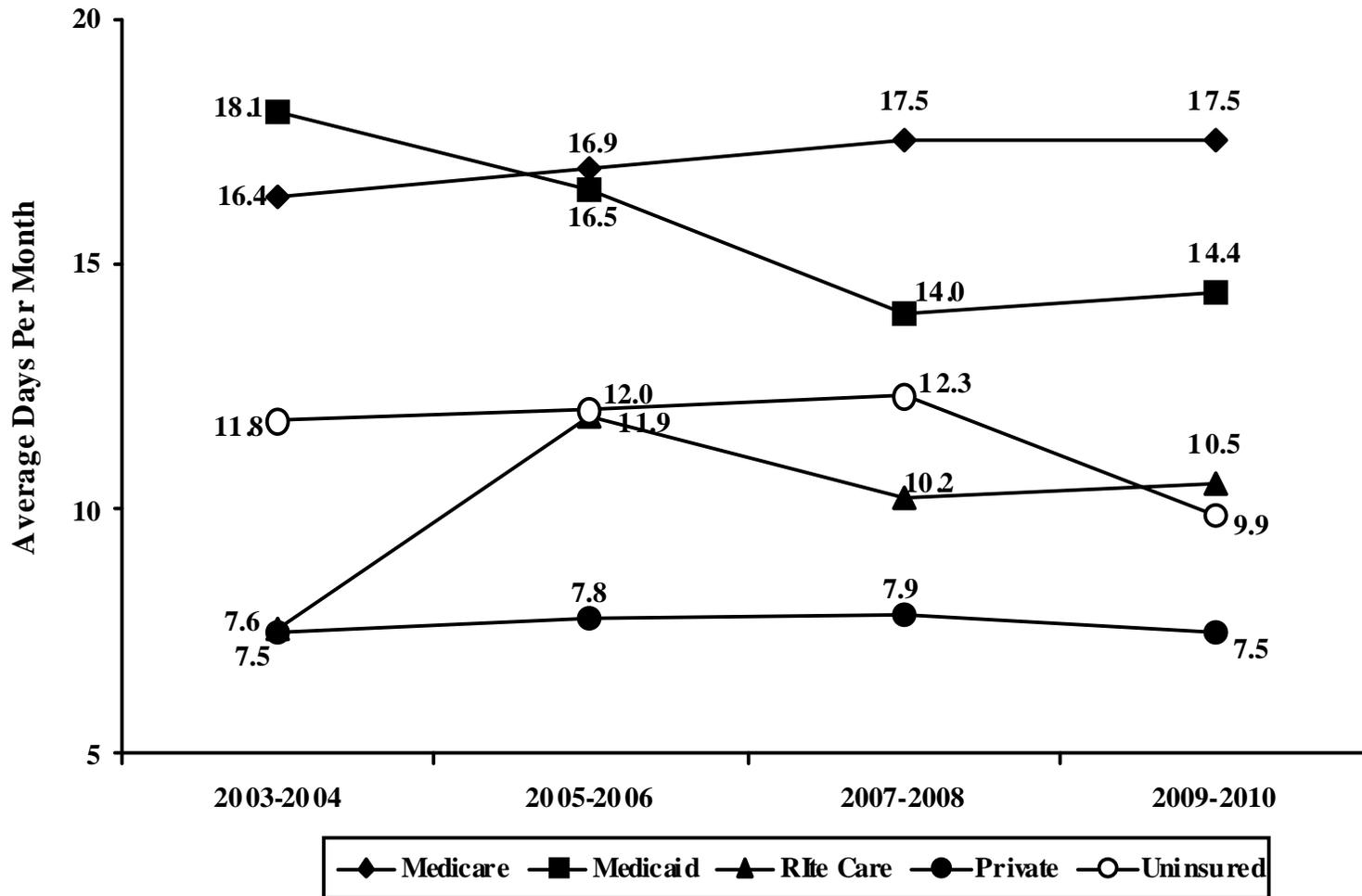
Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

**Figure 14: Percent of Rhode Islanders (18-64)
Whose Physical Health Not Good ≥ 14 Days Per Month**



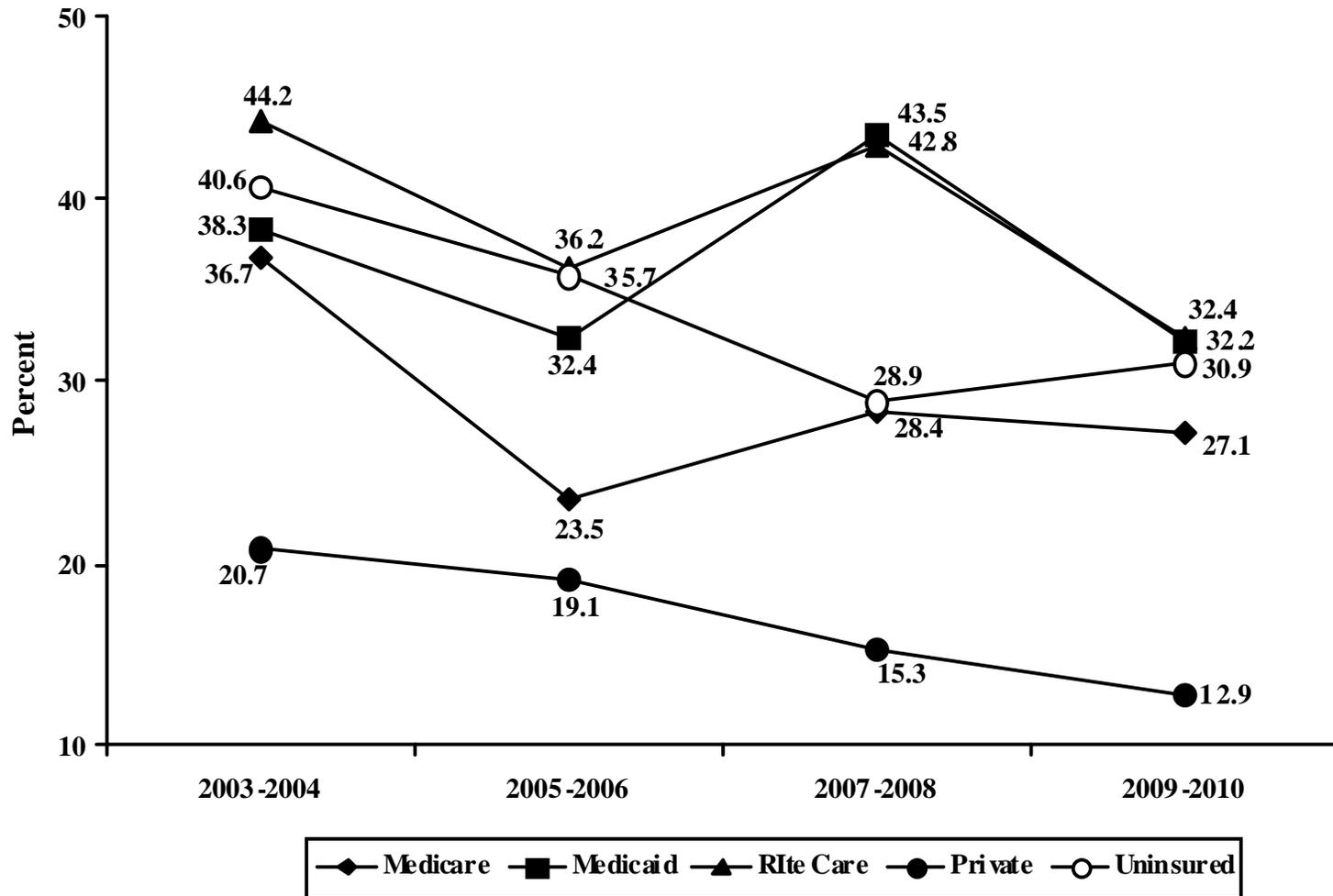
Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

Figure 15: Average Days Per Month Physical Health Is Not Good For Rhode Islanders (18-64)



Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

Figure 16: Percent of Rhode Islanders (18-64) Who Smoke Cigarettes by Health Insurance Coverage



Data Source: Behavioral Risk Factor Surveillance System (BRFSS), RI Department of Health, 2003-2010

Section IIIa: List of Health Indicators for Hospitalizations to Rhode Islanders <65 years old by Health Insurance Coverage*

1) Total Number of Hospitalizations (<65)

2) Total Number of Hospitalizations to Children (< 18)

3) Total Number of Hospitalizations to Adults (18-64)

4) Percent of Hospitalizations to Females (<65)

5) Percent of Hospitalizations to Minorities (<65)

6) Percent of Emergency Hospital Admissions (<65)

7) Percent of Hospital Admissions for Newborn Deliveries

8) Percent of Hospitalizations with Primary Diagnosis of Mental Disorder for Children (<18)

9) Percent of Hospitalizations with Primary Diagnosis of Mental Disorder for Adults (18-64)

10) Percent of Hospitalizations for Ambulatory Care Sensitive Conditions (ACS) for Children (<18)

11) Percent of Hospitalizations for Ambulatory Care Sensitive Conditions (ACS) for Adults (18-64)

12) Percent of Hospitalizations - >7 Days for Children (<18)

13) Percent of Hospitalizations - >7 Days for Adults (18-64)

14) Percent of Hospitalizations - >30 Days for Children (<18)

15) Percent of Hospitalizations - >30 Days for Adults (18-64)

16) Average Length of Stay (LOS) for Hospitalizations in days for Children (<18)

17) Average Length of Stay (LOS) for Hospitalizations in days for Adults (18-64)

18) Percent of Hospitalizations Discharged Home for Adults (18-64)

19) Percent of Hospitalizations Discharged to Home Under Care of Home Health Agency for Adults (18-64)

20) Percent of Hospitalizations Discharged to Skilled Nursing Facility for Adults (18-64)

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011 Technical Notes: Statewide overnight hospitalizations for RI acute care hospitals. Includes deliveries and births. * Health Insurance Coverage is measured as "expected payor" at time of hospital discharge.

**Section IIIb: Health Indicator Data Table for Hospitalizations to Rhode Islanders <65 Years Old by Health Insurance Coverage
CY 2001-2011**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1) Total Number of RI Hospitalizations <65	84,176	86,518	88,367	89,022	89,679	90,485	92,352	91,421	91,792	89,297	88,715
Medicare	7,870	8,201	8,443	8,825	9,616	10,150	10,812	11,228	11,681	12,164	12,691
Medicaid	22,683	23,176	24,851	24,580	26,281	26,745	26,213	25,466	25,335	24,913	25,668
Private	42,149	45,699	49,260	48,667	47,681	46,930	47,697	47,096	45,505	42,284	40,843
Uninsured	4,274	4,523	4,065	4,461	4,361	4,726	5,210	5,227	6,194	6,387	6,701
2) Total Number of Hospitalizations to Children <18	22,494	23,017	23,463	22,864	22,681	22,016	22,214	21,566	21,701	20,888	20,515
Medicaid	9,091	9,006	9,746	9,292	9,742	9,778	10,029	9,588	9,678	9,545	9,351
Private	10,436	11,579	13,067	12,633	12,327	11,505	11,289	11,079	11,022	10,325	10,091
Uninsured	612	537	225	195	212	180	228	322	434	322	370
3) Total Number of Hospitalizations to Adults 18-64	61,682	63,501	64,904	66,158	66,998	68,469	70,138	69,855	70,091	68,409	68,200
Medicare	7,845	8,168	8,434	8,812	9,603	10,143	10,800	11,223	11,679	12,163	12,665
Medicaid	13,592	14,170	15,105	15,288	16,539	16,967	16,184	15,878	15,657	15,368	16,317
Private	31,713	34,116	36,193	36,032	35,354	34,425	36,408	36,017	34,483	31,159	30,752
Uninsured	3,662	3,984	3,840	4,266	4,149	4,546	4,982	4,905	5,760	6,065	6,331

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

Note: Medicare numbers and rates are excluded for children <18 due to small numbers (i.e. 10-20 annual hospitalizations)

Note: Medicaid includes fee-for-service and managed care (i.e. RItE Care or Rhody Health Partners)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
4) Percent of Hospitalizations to Females <65											
Medicare	45.3	48.3	48.2	48.6	49.1	48.9	48.0	48.8	47.1	47.4	47.0
Medicaid	63.7	64.1	65.6	64.4	64.9	64.4	64.4	64.9	64.0	63.7	63.0
Private	58.6	58.8	59.4	59.2	59.6	58.9	59.1	58.5	57.9	58.6	58.2
Uninsured	43.7	43.7	36.7	36.3	37.6	37.0	38.8	40.6	40.9	38.6	39.7
5) Percent of Hospitalizations to Minorities <65											
Medicare	16.3	16.4	15.7	15.6	16.1	16.8	17.7	17.1	17.0	17.8	17.5
Medicaid	46.0	46.6	45.4	44.2	45.2	45.6	45.3	46.2	45.9	46.8	46.4
Private	13.3	13.2	14.0	13.9	14.3	13.9	14.5	14.9	15.3	14.9	15.6
Uninsured	32.9	32.2	32.8	34.4	35.1	34.0	34.0	36.3	35.8	36.1	35.8
6) Percent of Emergency Hospital Admissions <65											
Medicare	60.4	60.8	61.8	62.7	65.6	66.4	65.7	66.7	64.8	66.7	66.4
Medicaid	37.7	37.2	36.3	37.2	38.1	39.5	36.3	36.8	37.3	38.2	39.0
Private	34.8	35.4	35.3	36.1	36.5	39.1	38.8	38.9	39.8	39.9	39.2
Uninsured	63.9	67.4	81.8	82.1	82.8	83.0	83.1	82.2	80.6	81.1	82.8

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

Note: Medicaid includes fee-for-service and managed care (i.e. RItE Care or Rhody Health Partners)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
7) Percent of Hospital Admissions for Newborn Deliveries <65											
Medicare	0.1	0.05	0.05	0.12	0.09	0.03	0.04	0.02	0.01	0.0	0.2
Medicaid	20.9	21.9	22.1	21.3	21.2	21.2	21.9	21.9	21.4	21.5	20.6
Private	14.5	14.8	16.0	15.5	15.5	14.7	13.6	13.5	13.6	14.2	14.4
Uninsured	11.1	9.0	3.0	1.7	2.2	1.4	1.4	2.3	3.1	2.3	1.9
8) Percent of Hospitalizations with Primary Diagnosis of Mental Disorder for Children <18											
Medicaid	6.3	6.1	7.1	7.4	8.5	6.7	6.9	7.5	8.4	10.4	10.6
Private	8.0	8.8	8.0	8.0	7.5	6.9	7.8	8.8	8.5	10.3	10.4
Uninsured	1.3	1.4	3.5	5.6	8.5	5.6	5.3	6.8	7.8	9.0	9.5
9) Percent of Hospitalizations with Primary Diagnosis of Mental Disorder for Adults 18-64											
Medicare	25.8	25.8	24.1	25.6	26.2	28.0	28.2	28.1	30.0	29.6	31.1
Medicaid	19.8	18.6	20.2	21.6	21.0	20.8	18.6	18.1	17.0	14.6	20.5
Private	11.9	11.0	9.4	9.0	9.3	9.8	11.2	12.5	12.7	14.3	16.0
Uninsured	15.9	17.1	16.3	13.6	10.4	15.2	13.8	11.3	11.5	16.4	17.2

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

Note: Mental Disorder – ICD9 codes 290-319

Note: Medicaid includes fee-for-service and managed care (i.e. RItE Care or Rhody Health Partners)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
10) Percent of Hospitalizations for Ambulatory Care Sensitive Conditions (ACS) for Children <18**											
Medicaid	11.5	10.0	10.8	10.1	10.0	9.9	9.0	9.8	10.5	10.1	8.3
Private	8.9	8.6	8.9	8.8	8.5	8.7	8.0	9.0	10.3	9.3	8.4
Uninsured	6.7	5.6	13.3	14.9	17.5	17.8	21.9	22.4	16.6	18.3	19.5
11) Percent of Hospitalizations for Ambulatory Care Sensitive Conditions (ACS) for Adults 18-64 **											
Medicare	18.1	17.1	18.5	16.4	16.5	16.0	16.3	17.4	17.2	17.1	15.9
Medicaid	9.5	9.4	9.6	9.5	10.0	9.2	9.0	10.0	10.3	10.8	10.0
Private	8.1	8.1	8.3	8.0	7.8	7.4	7.6	8.1	8.2	7.8	7.4
Uninsured	14.2	14.2	18.0	15.7	16.2	16.8	16.9	17.0	17.3	15.6	17.2

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

** Note: ACS Conditions include asthma, pneumonia, diabetes, gastroenteritis, hypertension, COPD, CHF, angina, PID, ENT, hypoglycemia

Note: Medicaid includes fee-for-service and managed care (i.e. RItE Care or Rhody Health Partners)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
12) Percent of Hospitalizations - >7 Days for Children <18											
Medicaid	11.3	10.8	11.6	12.1	12.3	12.1	12.3	12.1	12.1	11.9	12.3
Private	8.1	8.8	9.3	9.3	9.8	9.1	10.2	9.9	9.5	9.3	9.5
Uninsured	6.2	7.3	4.4	4.1	6.1	3.9	6.6	5.9	4.8	8.1	6.5
13) Percent of Hospitalizations - >7 Days for Adults 18-64											
Medicare	26.0	27.1	27.2	26.0	26.9	26.0	25.9	26.1	24.6	23.8	23.2
Medicaid	15.8	14.4	15.1	15.7	15.5	14.8	14.4	14.8	13.4	12.4	12.4
Private	10.9	10.7	11.1	10.6	10.6	10.7	10.9	11.4	11.1	10.3	10.2
Uninsured	12.8	12.9	15.2	13.0	12.5	13.1	13.5	13.4	13.5	13.1	11.9

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

Note: Medicaid includes fee-for-service and managed care (i.e. RItE Care or Rhody Health Partners)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
14) Percent of Hospitalizations - >30 Days for Children <18											
Medicaid	3.0	2.7	2.4	2.7	2.9	2.7	2.6	2.6	2.6	2.5	2.5
Private	1.2	1.3	1.6	1.5	1.7	1.4	1.7	1.6	1.7	1.7	1.7
Uninsured	1.0	1.5	0.0	0.0	0.5	0.6	0.4	0.6	0.9	0.6	0.0
15) Percent of Hospitalizations - >30 Days for Adults 18-64											
Medicare	2.1	2.2	2.1	2.3	2.0	2.6	2.2	1.9	1.7	1.6	1.3
Medicaid	1.6	1.5	1.4	1.4	1.5	1.4	1.3	1.3	1.4	1.2	1.2
Private	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.6
Uninsured	0.9	0.6	1.0	1.2	0.9	1.1	1.1	1.2	0.9	0.7	0.9

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

Note: Medicaid includes fee-for-service and managed care (i.e. RItE Care or Rhody Health Partners)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
16) Average Length of Stay (LOS) in Days for Hospitalizations for Children <18											
Medicaid	6.1	6.0	5.4	6.6	6.0	5.5	5.7	5.5	5.5	5.2	5.4
Private	4.1	4.2	4.5	4.5	4.6	4.3	4.5	4.4	4.4	4.5	4.5
Uninsured	3.6	3.8	2.8	2.2	3.3	2.7	2.8	3.0	3.3	3.1	2.9
17) Average Length of Stay (LOS) in Days for Hospitalizations for Adults 18-64											
Medicare	6.8	6.9	6.9	6.9	6.9	7.0	6.8	6.6	6.4	6.3	6.1
Medicaid	5.2	5.2	5.1	5.3	5.4	5.1	5.2	5.2	5.0	4.9	4.9
Private	4.2	4.2	4.3	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.1
Uninsured	4.4	4.3	4.7	4.3	4.2	4.4	4.4	4.5	4.4	4.3	4.2

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

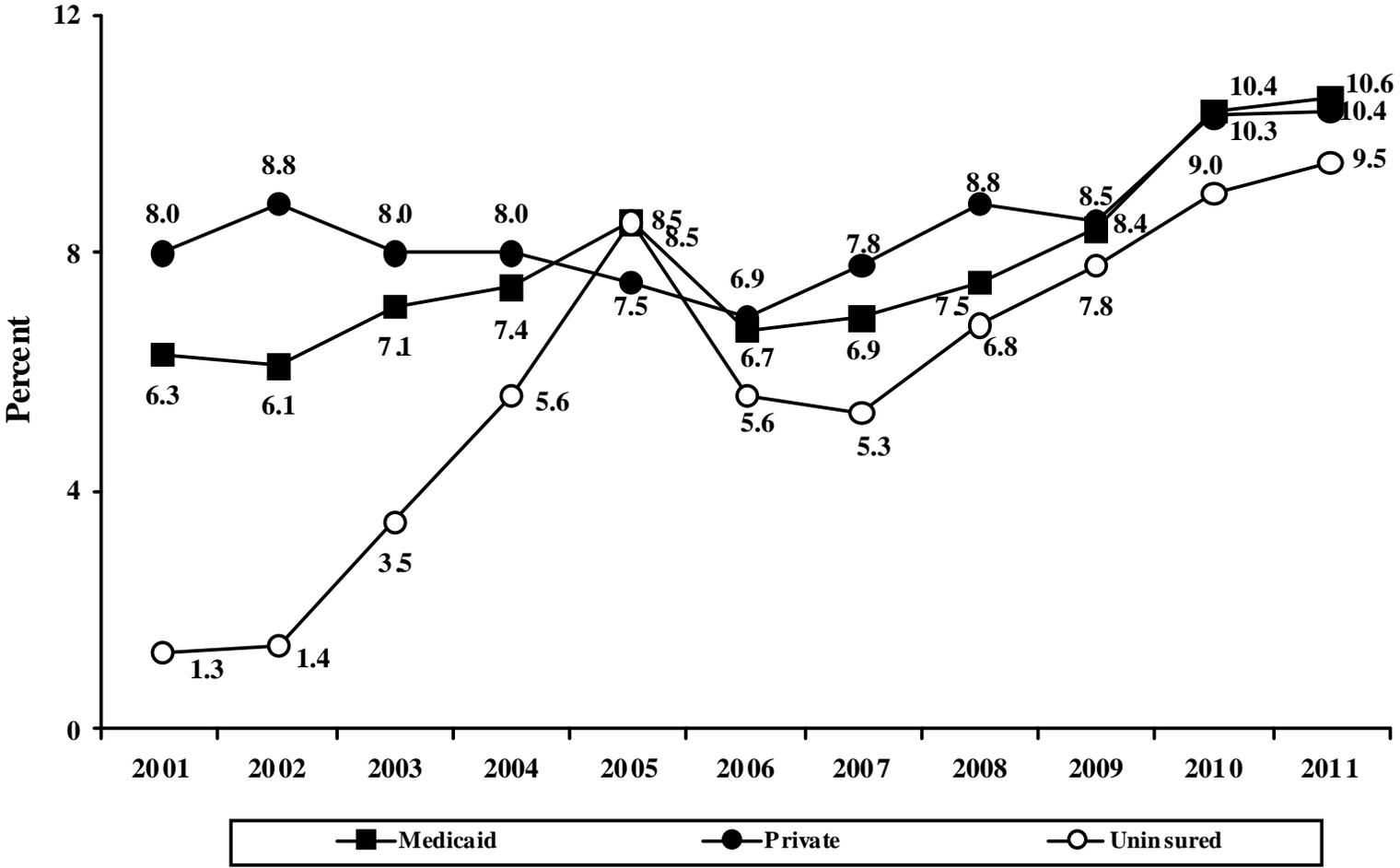
Note: Medicaid includes fee-for-service and managed care (i.e. RItE Care or Rhody Health Partners)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
18) Percent of Hospitalizations Discharged Home for Adults 18-64											
Medicare	60.1	61.6	60.7	61.5	61.2	64.6	63.2	62.1	62.4	61.6	60.8
Medicaid	80.8	82.4	82.5	81.1	81.4	82.9	82.4	81.7	80.8	80.1	79.0
Private	81.2	81.9	81.9	81.2	80.5	82.6	81.2	81.2	80.7	80.5	79.4
Uninsured	86.2	87.5	85.9	86.1	87.3	86.5	85.5	85.5	85.9	86.9	86.8
19) Percent of Hospitalizations Discharged to Home Under Care of Home Health Agency for Adults 18-64											
Medicare	17.0	16.8	16.2	15.6	15.8	13.7	15.5	16.0	15.6	16.1	17.6
Medicaid	9.1	7.9	7.7	8.2	8.1	7.1	7.9	8.2	8.8	9.1	9.1
Private	9.2	8.5	8.8	9.0	10.1	9.0	10.4	10.2	10.4	10.8	11.4
Uninsured	3.6	2.5	2.5	2.6	2.4	2.5	2.4	2.8	2.6	2.2	2.6
20) Percent of Hospitalizations Discharged to Skilled Nursing Facility for Adults 18-64											
Medicare	8.0	8.3	9.0	9.3	9.4	7.9	8.5	9.0	9.1	9.4	9.7
Medicaid	2.3	2.1	2.2	2.4	2.2	2.0	2.0	2.4	2.7	3.1	3.3
Private	1.6	1.9	2.4	2.2	2.3	2.3	2.4	2.6	3.2	2.9	2.9
Uninsured	0.4	0.5	0.7	0.5	0.4	0.3	0.2	0.4	0.5	0.3	0.3

Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

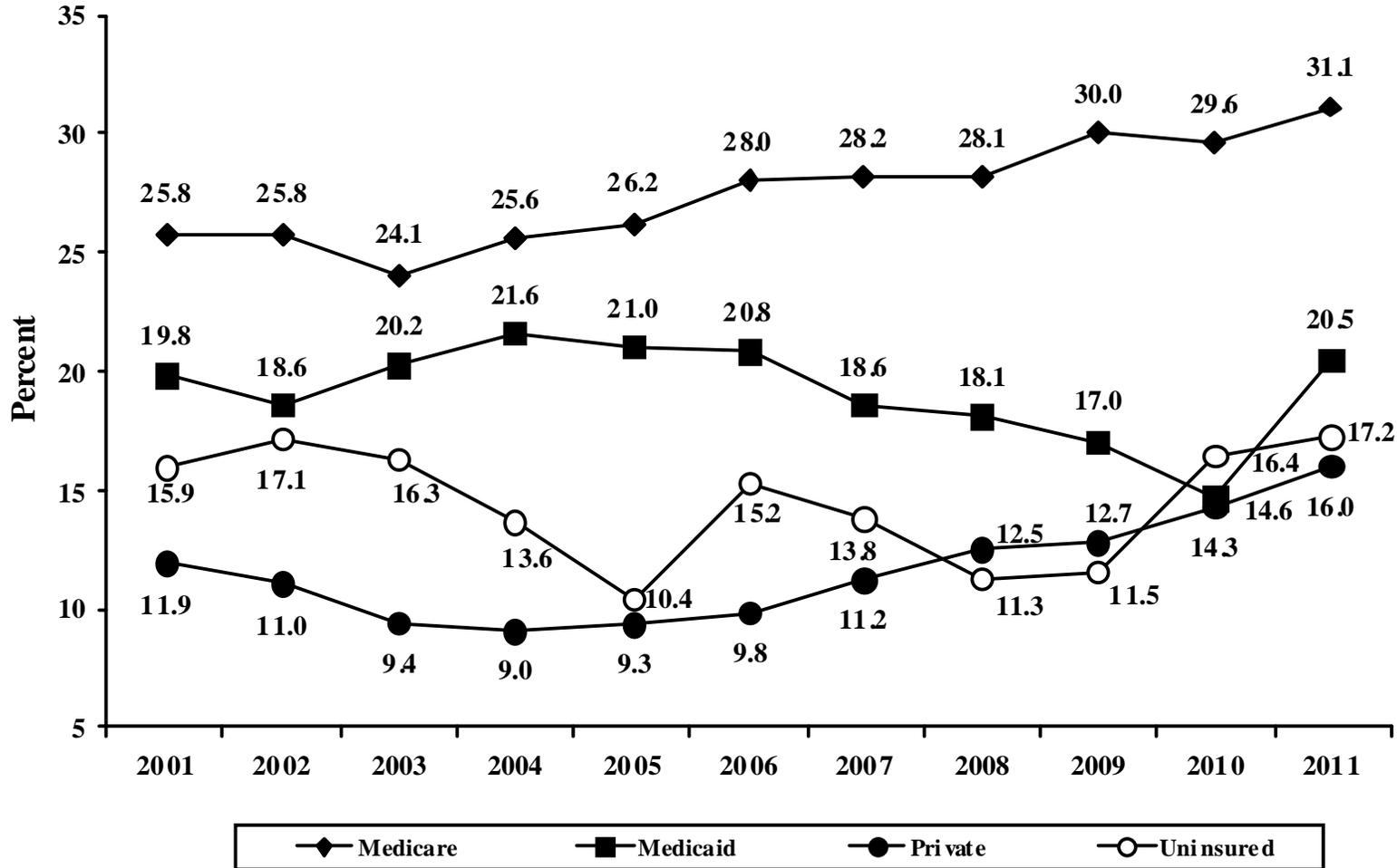
Note: Medicaid includes fee-for-service and managed care (i.e. RItE Care or Rhody Health Partners)

Figure 17: Percent of RI Hospitalizations with Primary Diagnosis of Mental Disorder for Children <18 by Health Insurance Coverage



Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011
 Mental Disorder – ICD9 Codes 290-319
 Note: Medicaid includes managed care (i.e. Rite Care or Rhody Health Partners)

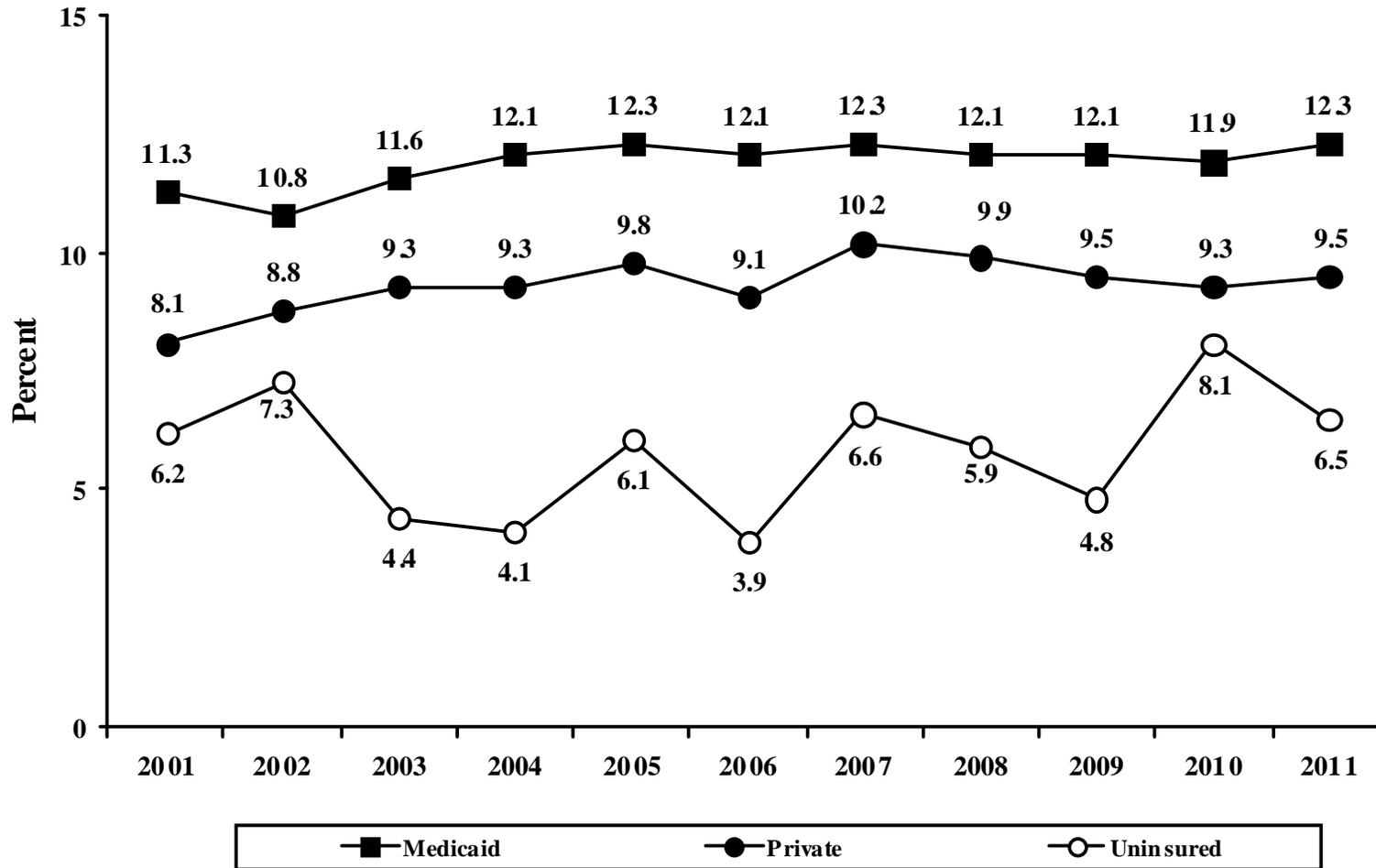
Figure 18: Percent of RI Hospitalizations with Primary Diagnosis of Mental Disorder for Adults 18-64 by Health Insurance Coverage



Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011
 Mental Disorder – ICD9 Codes 290-319

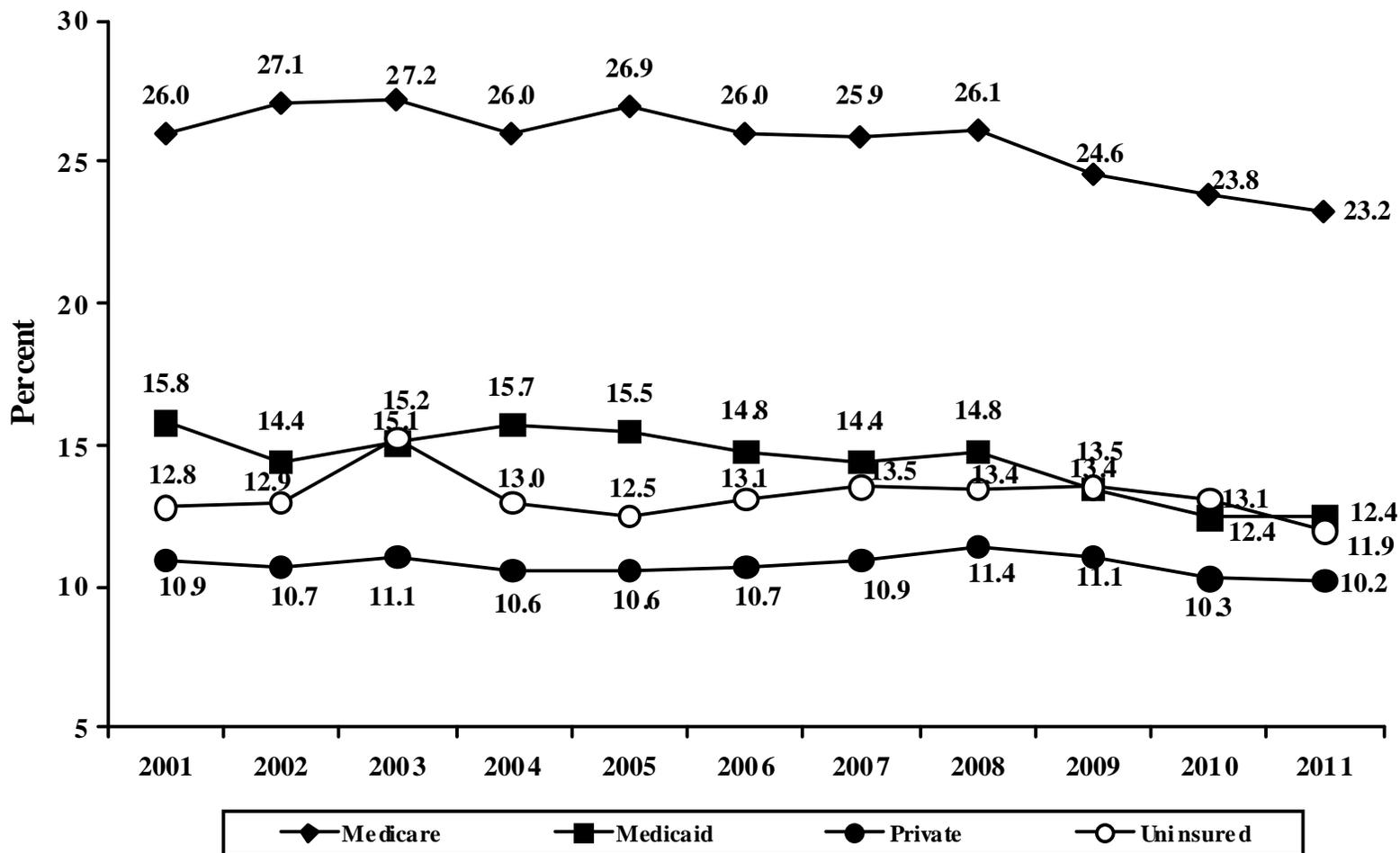
Note: Medicaid includes managed care (i.e. RItE Care or Rhody Health Partners)

Figure 19: Percent of Hospitalizations >7 Days for Children <18 by Health Insurance Coverage



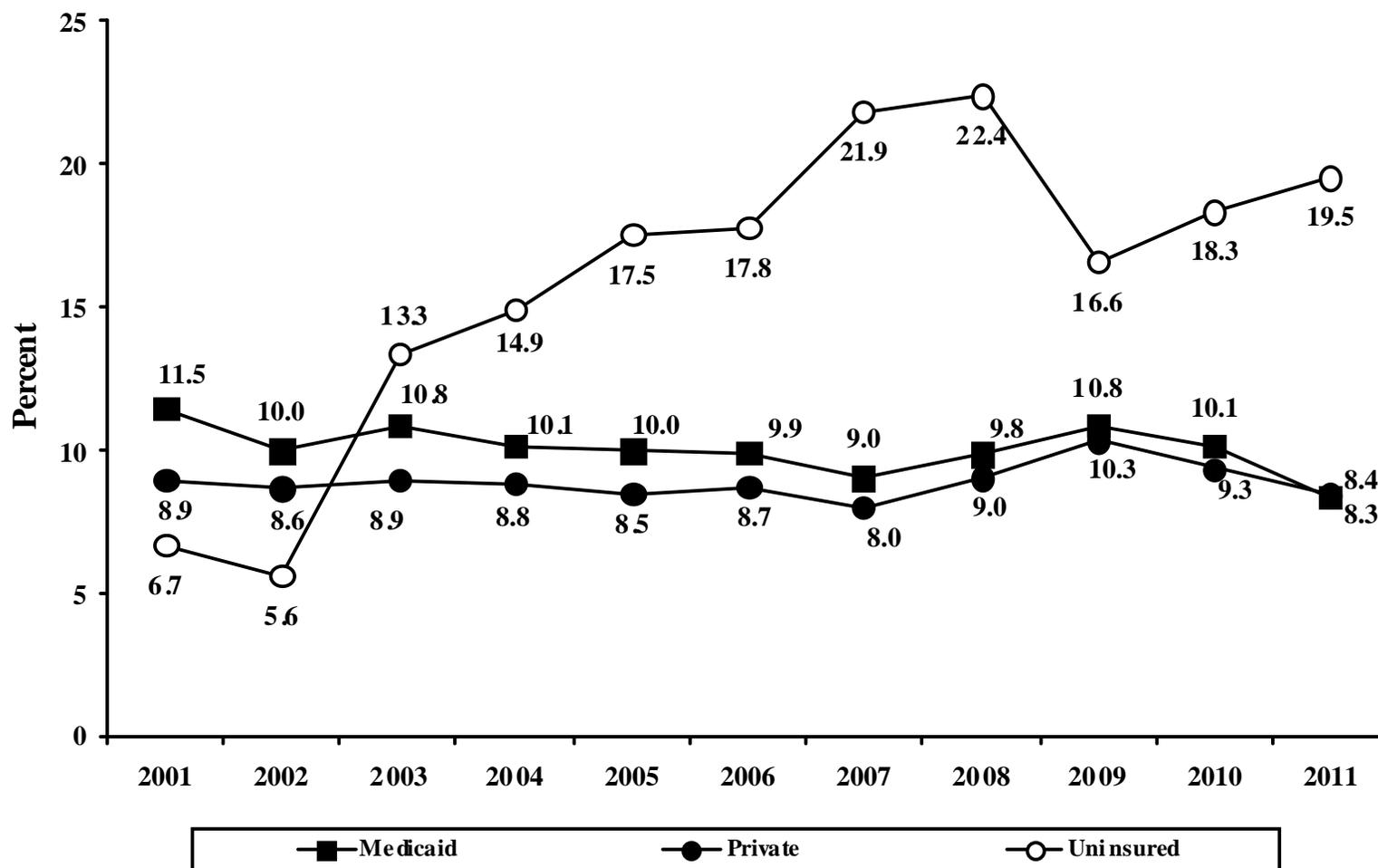
Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011
 Note: Medicaid includes managed care (i.e. Rite Care or Rhody Health Partners)

Figure 20: Percent of Hospitalizations >7 Days for Adults 18-64 by Health Insurance Coverage



Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011
 Note: Medicaid includes managed care (i.e. RITE Care or Rhody Health Partners)

Figure 21: Percent of Hospitalizations for Ambulatory Care Sensitive Conditions (ACS)* for Children <18 by Health Insurance Coverage

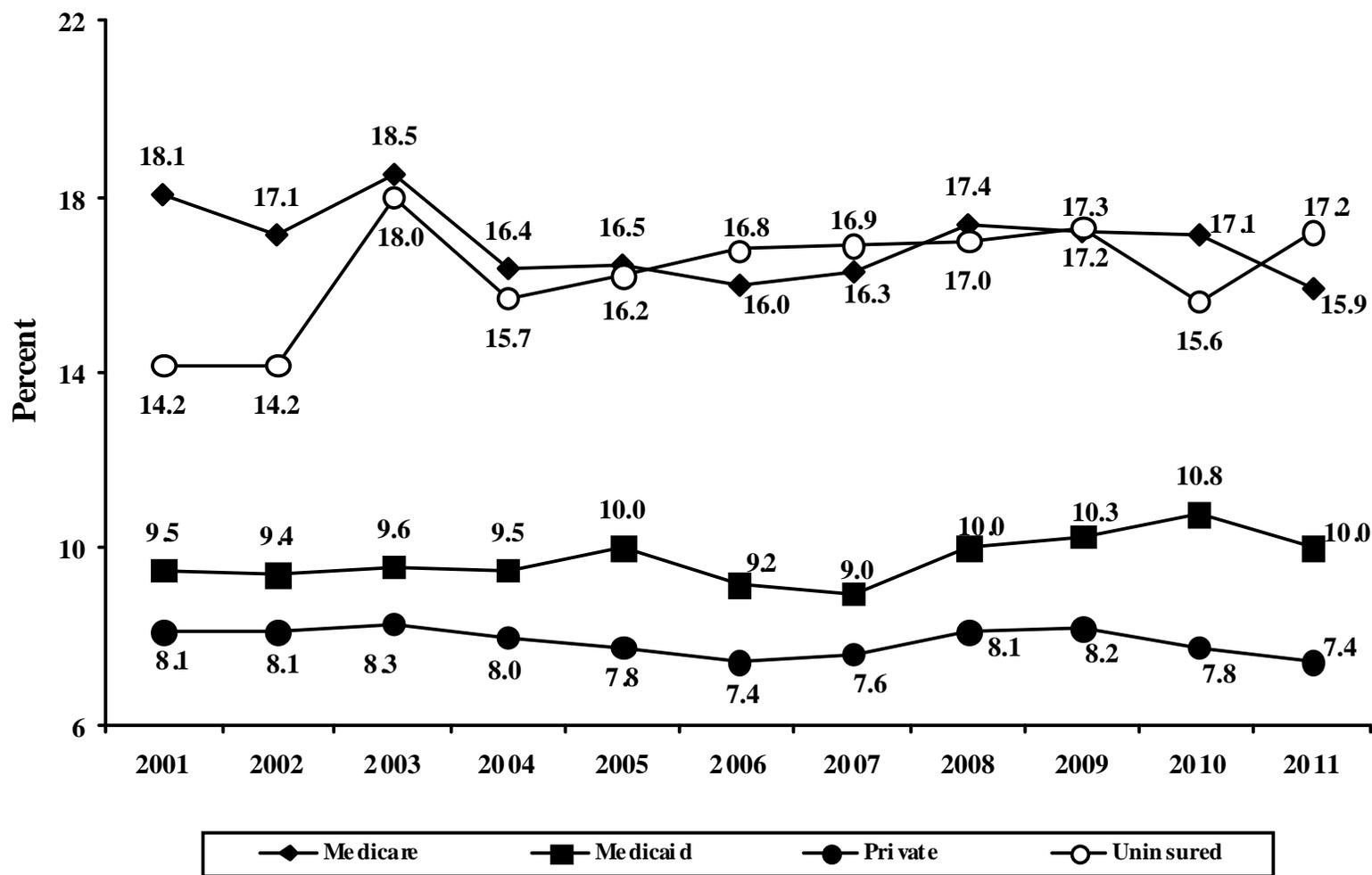


Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

*Note – ACS conditions include asthma, pneumonia, diabetes, gastroenteritis, hypertension, COPD, CHF, angina, PID, ENT, hypoglycemia

Note: Medicaid includes managed care (i.e. .RIte Care or Rhody Health Partners)

Figure 22: Percent of Hospitalizations for Ambulatory Care Sensitive Conditions (ACS)* for Adults 18-64 by Health Insurance Coverage

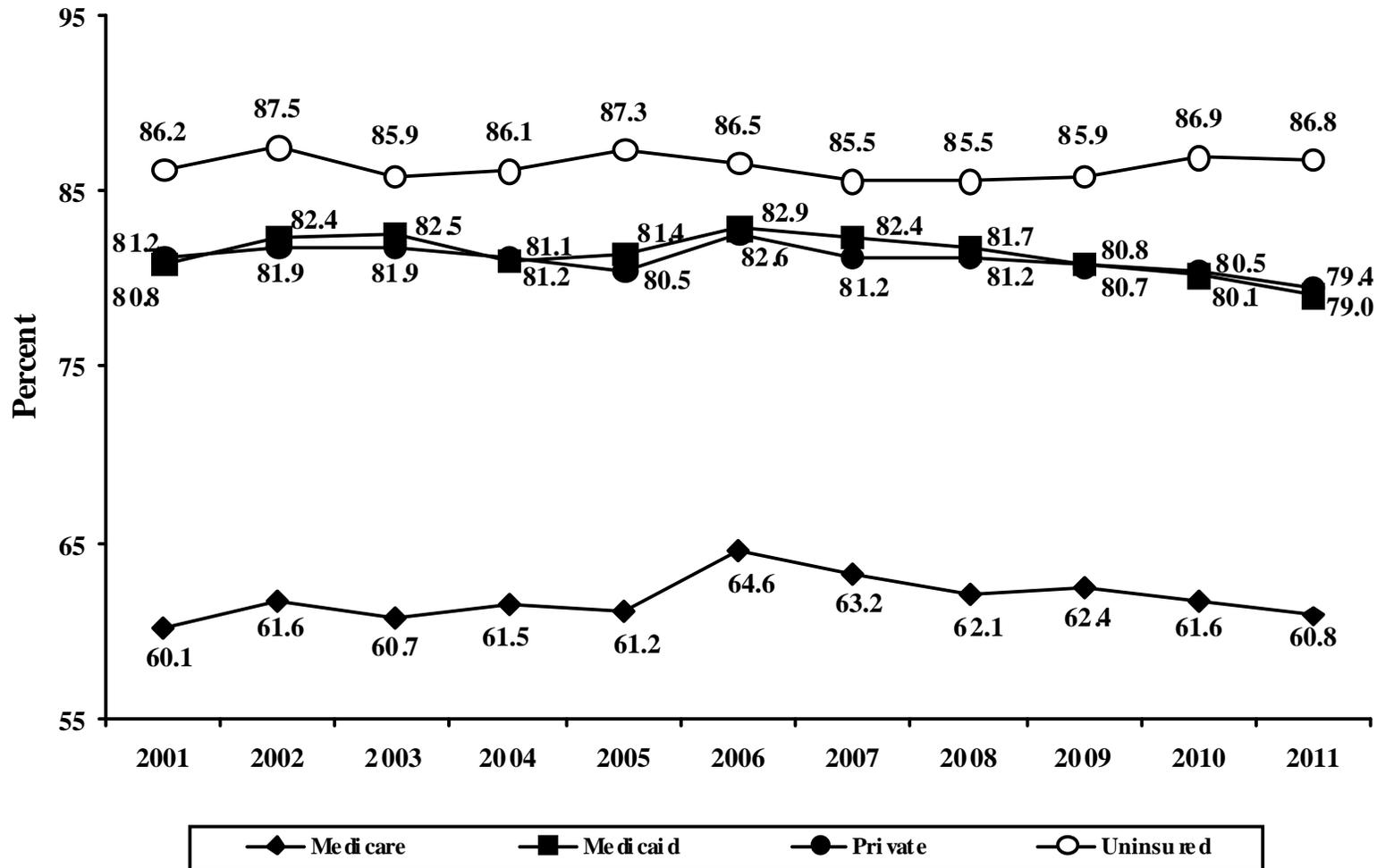


Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011

*Note – ACS conditions include asthma, pneumonia, diabetes, gastroenteritis, hypertension, COPD, CHF, angina, PID, ENT, hypoglycemia

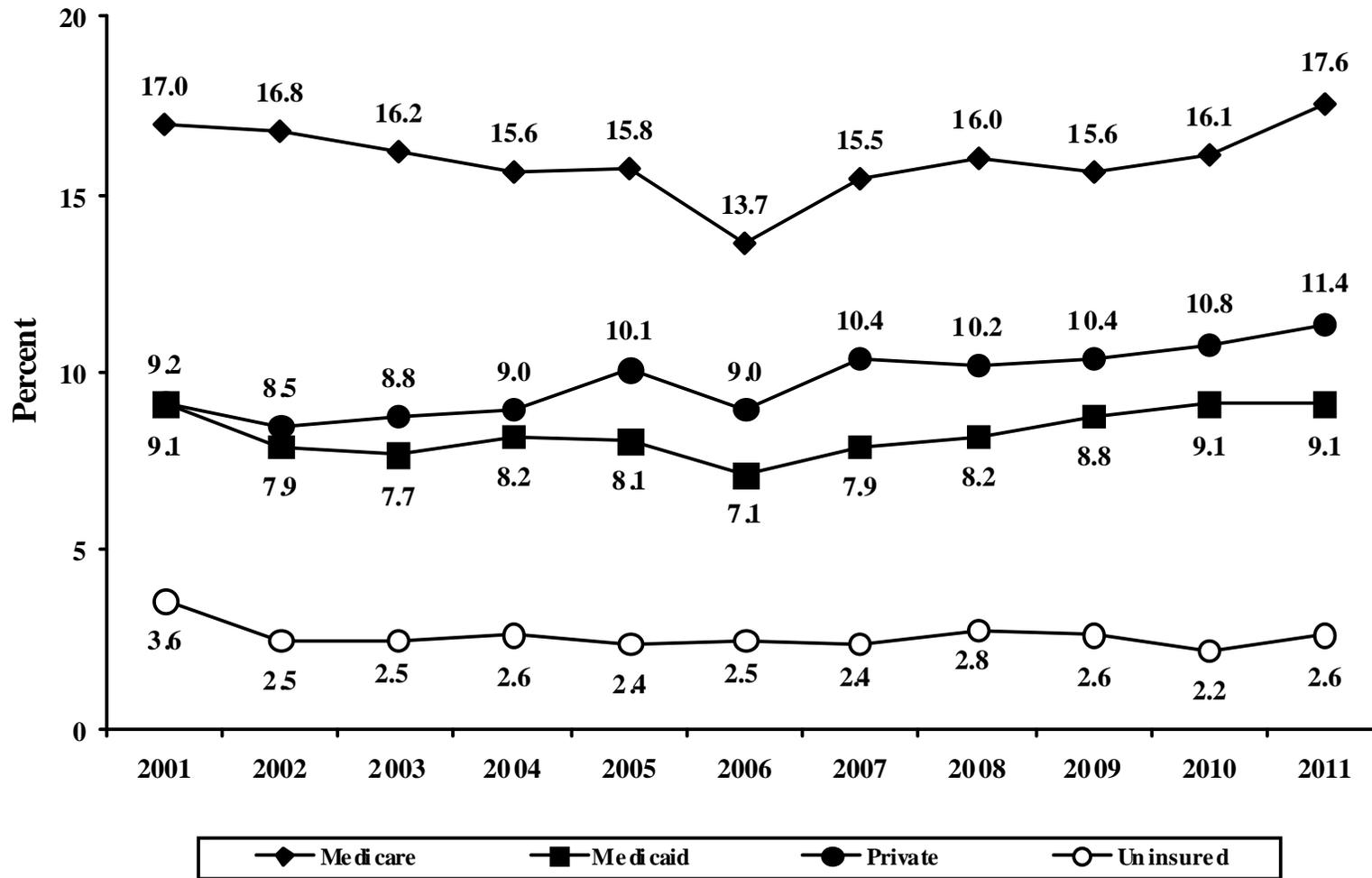
Note: Medicaid includes managed care (i.e. Rite Care or Rhody Health Partners)

Figure 23: Percent of Hospitalizations Discharged to Home for Adults 18-64 by Health Insurance Coverage



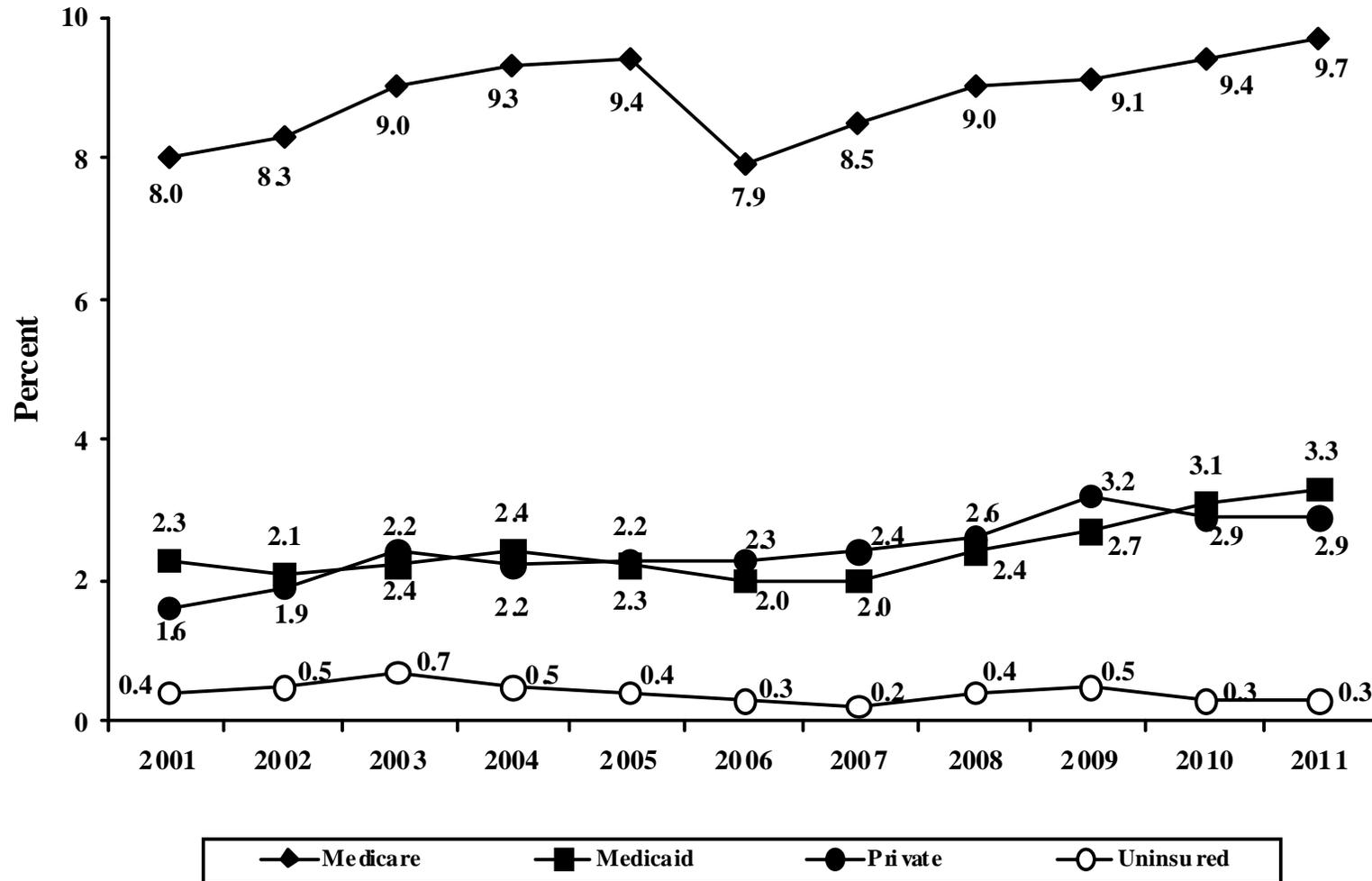
Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011
 Rhode Island Medicaid Research & Evaluation Project
 Note: Medicaid includes managed care (i.e. Rite Care or Rhody Health Partners)

Figure 24: Percent of Hospitalizations Discharged Under Care of Home Health Agency for Adults 18-64 by Health Insurance Coverage



Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011
 Rhode Island Medicaid Research & Evaluation Project
 Note: Medicaid includes managed care (i.e. Rite Care or Rhody Health Partners)

Figure 25: Percent of Hospitalizations Discharged to Skilled Nursing Facility for Adults 18-64 by Health Insurance Coverage



Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2001-2011
 Rhode Island Medicaid Research & Evaluation Project
 Note: Medicaid includes managed care (i.e. Rite Care or Rhody Health Partners)

Section IVa: List of Health Indicators for Prevention Quality Indicators (PQIs)* for Hospital Admissions to Rhode Islanders ≥ 18 by Health Insurance Coverage

1) Number of PQI Hospitalizations (numerator) (≥ 18) **

2) Number of RI Population (denominator) (≥ 18) ***

3) Overall PQI Admission Rate per 100,000 (≥ 18)

4) Acute PQI Admission Rate per 100,000 (≥ 18)

5) Chronic PQI Admission Rate per 100,000 (≥ 18)

6) Diabetes with Short Term Complications PQI Admission Rate per 100,000 (≥ 18)

7) Chronic Obstructive Pulmonary Disease or Asthma PQI Admission Rate per 100,000 (≥ 40)

8) Congestive Heart Failure PQI Admission Rate per 100,000 (≥ 18)

9) Bacterial Pneumonia PQI Admission Rate per 100,000 (≥ 18)

10) Urinary Tract Infection PQI Admission Rate per 100,000 (≥ 18)

* Prevention Quality Indicators (PQIs) are a set of quality measures designed by the Agency for Health Care Research and Quality (AHRQ) that can be used with hospital inpatient discharge data to identify “ambulatory care sensitive conditions (ACSCs).” ACSCs are conditions for which good outpatient care can potentially prevent the need for hospitalizations, or for which early intervention can prevent complications or more serious disease.

AHRQ Prevention Quality Indicator Software used is version 4.3, 8/11
 PQIs only reported if > 50 cases in each insurance group

** = Data Source: Hospital Discharge 2008-2011 (numerator for rates) – Health Insurance Coverage is measured as “expected payer” at time of hospital discharge

*** = Data Source: American Community Survey (ACS), Census 2008-2011, (denominator for rates)

Health Insurance coverage is measured by marking yes or no for current coverage for each type of eight different health coverages

Section IVb: Health Indicator Data Table for Prevention Quality Indicators (PQIs) Hospital Admission Rate per 100,000 Rhode Islanders >=18 by Health Insurance Coverage				
	2008	2009	2010	2011
1) Number of PQI Hospitalizations (>=18)				
Medicare	10,989	10,512	9,995	9,458
Medicaid	1,281	1,370	1,300	1,364
Private	3,151	3,043	2,480	2,141
Uninsured	631	706	649	773
2) Number of RI Population (>=18)				
Medicare	173,376	172,419	175,830	179,842
Medicaid	93,379	96,486	107,694	113,724
Private	624,980	600,796	583,798	596,094
Uninsured	95,066	109,399	117,035	108,679
3) Overall Prevention Quality Indicators (PQIs) * Rate per 100,000 (>=18)				
Medicare	6,338.2	6,096.8	5,684.5	5,259.1
Medicaid	1,371.8	1,419.9	1,207.1	1,199.4
Private	504.1	506.5	424.8	359.2
Uninsured	663.7	645.3	554.5	711.3

Data Source: Rhode Island Hospital, Discharge Data Set, RI Department of Health , CY 2008-2011

Note – Medicaid includes fee for service and managed care (i.e. RItE Care or Rhody Health Partners)

* List of PQIs – Bacterial Pneumonia, Urinary Tract Infection, Dehydration, Diabetes, Chronic Obstructive Pulmonary Disease, Congestive Heart Failure, Hypertension, Angina, Adult Asthma

	2008	2009	2010	2011
4) Acute Prevention Quality Indicators (PQIs) * Rate per 100,000 (>=18)				
Medicare	2,676.8	2,500.3	2,281.8	2,127.4
Medicaid	500.1	493.3	421.6	340.3
Private	218.4	221.2	171.0	154.8
Uninsured	226.2	220.3	170.0	252.1
5) Chronic Prevention Quality Indicators (PQIs) ** Rate per 100,000 (>=18)				
Medicare	3,661.4	3,597.1	3,402.7	3,131.6
Medicaid	871.7	927.6	785.6	859.1
Private	285.8	285.3	253.9	204.3
Uninsured	437.6	425.1	385.4	459.2
6) Diabetes with Short Term Complications PQIs Rate per 100,000 (>=18)				
Medicare	90.6	78.3	87.0	78.4
Medicaid	63.2	100.5	92.9	95.0
Private	18.4	20.0	23.0	19.8
Uninsured	57.9	85.9	62.4	80.1

Data Source: Rhode Island Hospital, Discharge Data Set, RI Department of Health , CY 2008-2011

Note – Medicaid includes fee for service and managed care (i.e. RIte Care or Rhody Health Partners)

* Acute PQIs – Bacterial Pneumonia, Urinary Tract Infection, Dehydration

** Chronic PQIs – Diabetes, Chronic Obstructive Pulmonary Disease, Congestive Heart Failure, Hypertension, Angina, Adult Asthma

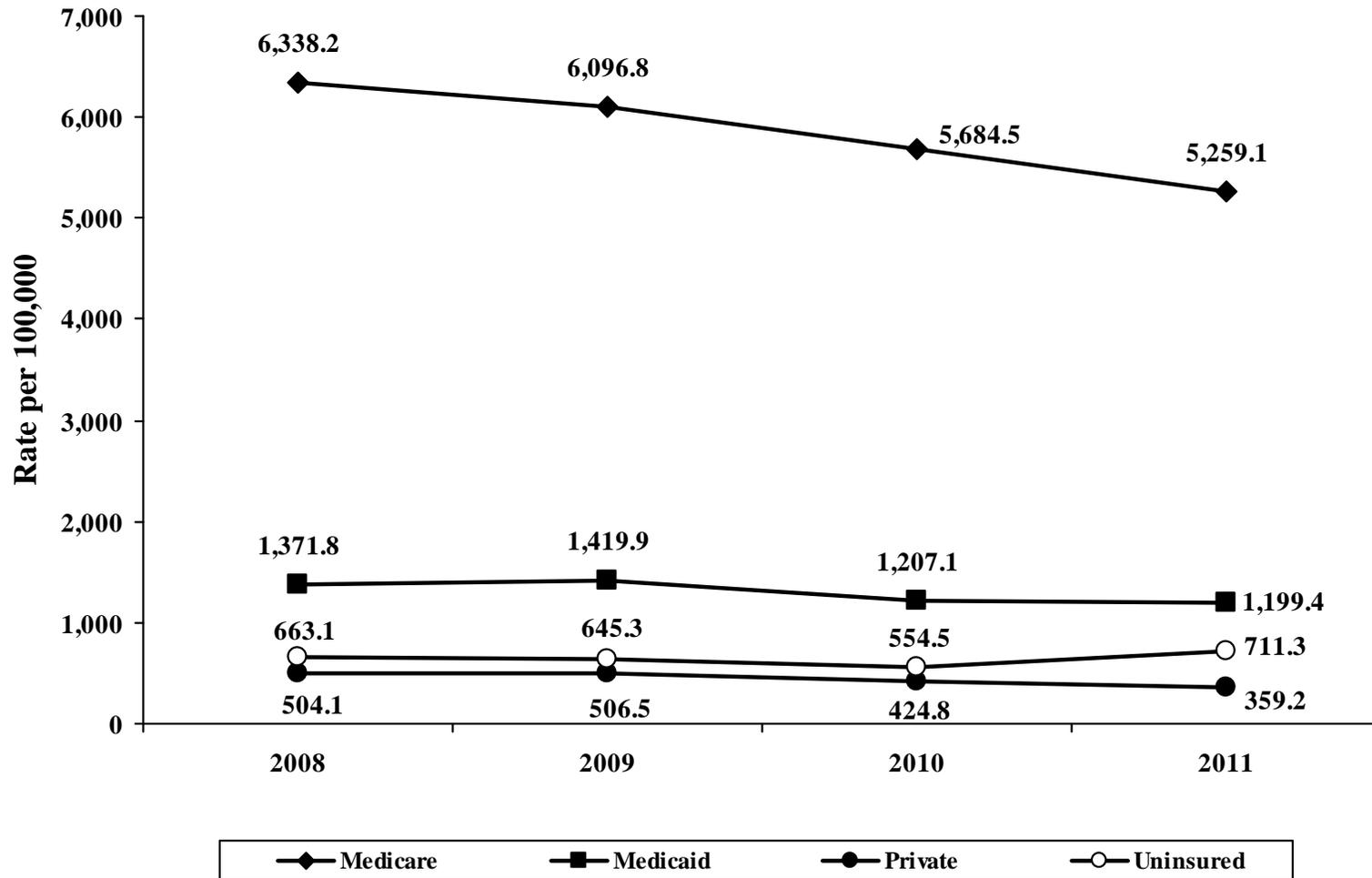
	2008	2009	2010	2011
7) Chronic Obstructive Pulmonary Disease or Asthma PQIs Rate per 100,000 (>=40)				
Medicare	1,306.6	1,336.1	1,267.8	1,162.8
Medicaid	622.7	690.8	539.9	589.0
Private	165.0	171.4	142.0	126.5
Uninsured	320.9	297.0	278.9	306.0
8) Congestive Heart Disease PQIs Rate per 100,000 (>=18)				
Medicare	1,784.0	1,699.9	1,586.2	1,425.7
Medicaid	202.4	163.8	121.6	130.1
Private	83.8	73.2	64.1	47.1
Uninsured	69.4	66.7	59.0	66.3
9) Bacterial Pneumonia PQIs Rate per 100,000 (>=18)				
Medicare	1,317.9	1,216.2	1,061.8	1,037.0
Medicaid	253.8	255.0	209.9	168.8
Private	110.2	113.4	85.0	78.7
Uninsured	117.8	120.7	89.7	136.2

Data Source: Rhode Island Hospital, Discharge Data Set, RI Department of Health , CY 2008-2011
Note – Medicaid includes fee for service and managed care (i.e. RIte Care or Rhody Health Partners)

	2008	2009	2010	2011
10) Urinary Tract Infection PQIs Rate per 100,000 (>=18)				
Medicare	831.1	880.4	850.3	736.2
Medicaid	156.4	152.4	147.6	112.6
Private	55.0	61.1	49.5	45.0
Uninsured	64.2	62.2	53.8	75.5

Data Source: Rhode Island Hospital, Discharge Data Set, RI Department of Health , CY 2008-2011
Note – Medicaid includes fee for service and managed care (i.e. RItE Care or Rhody Health Partners)

Figure 26: Overall PQI Admission Rate for Rhode Islanders (≥ 18) by Health Insurance Coverage

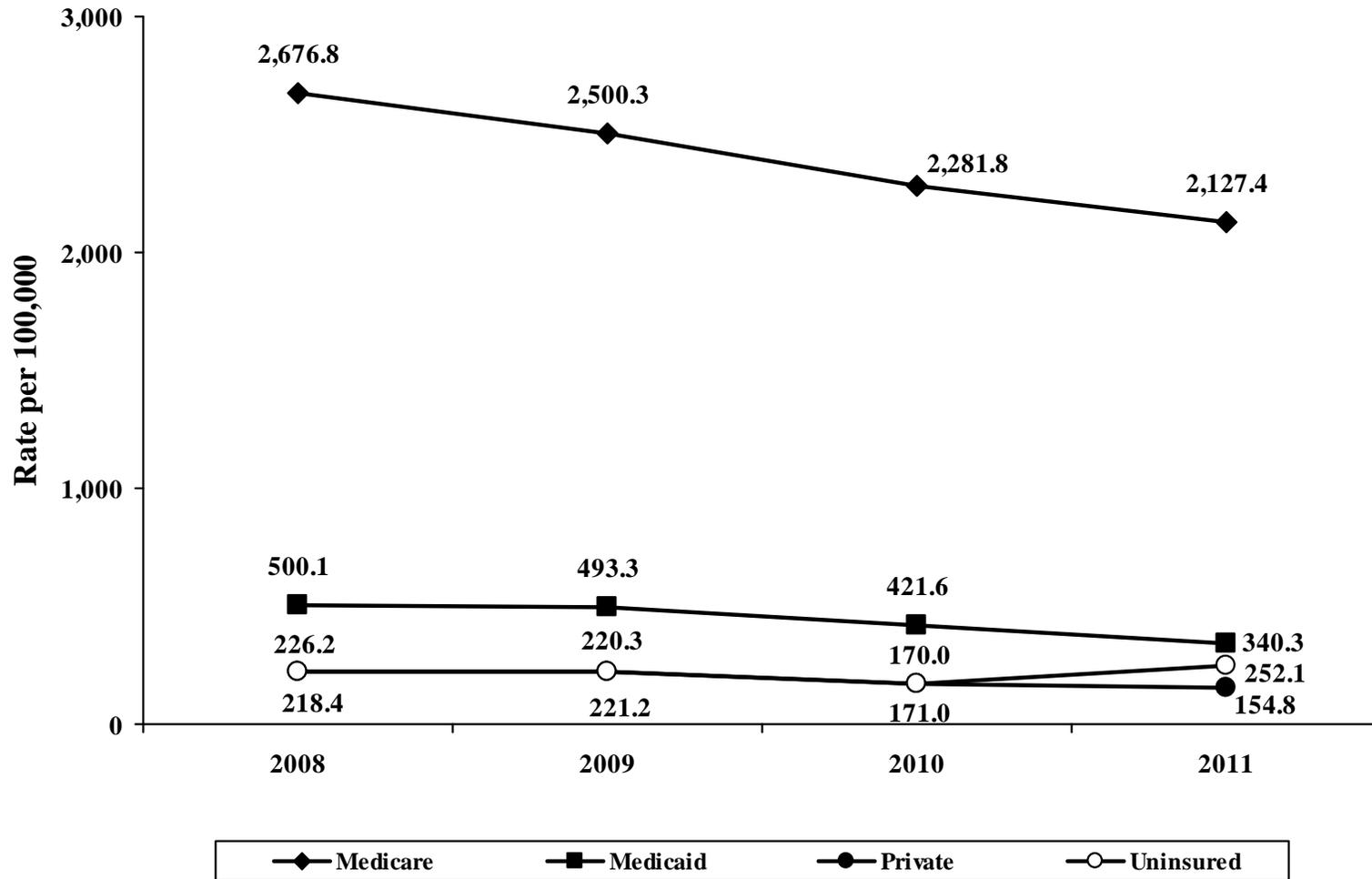


Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2008-2011, Rhode Island Medicaid Research & Evaluation Project

Note: Medicaid includes fee for service and managed care (i.e. RItE Care or Rhody Health Partners)

List of PQIs – Bacterial Pneumonia, Urinary Tract Infection, Dehydration, Diabetes, Chronic Obstructive Pulmonary Disease, Congestive Heart Failure, Hypertension, Angina, Adult Asthma

Figure 27: Acute PQI Admission Rate for Rhode Islanders (≥ 18) by Health Insurance Coverage

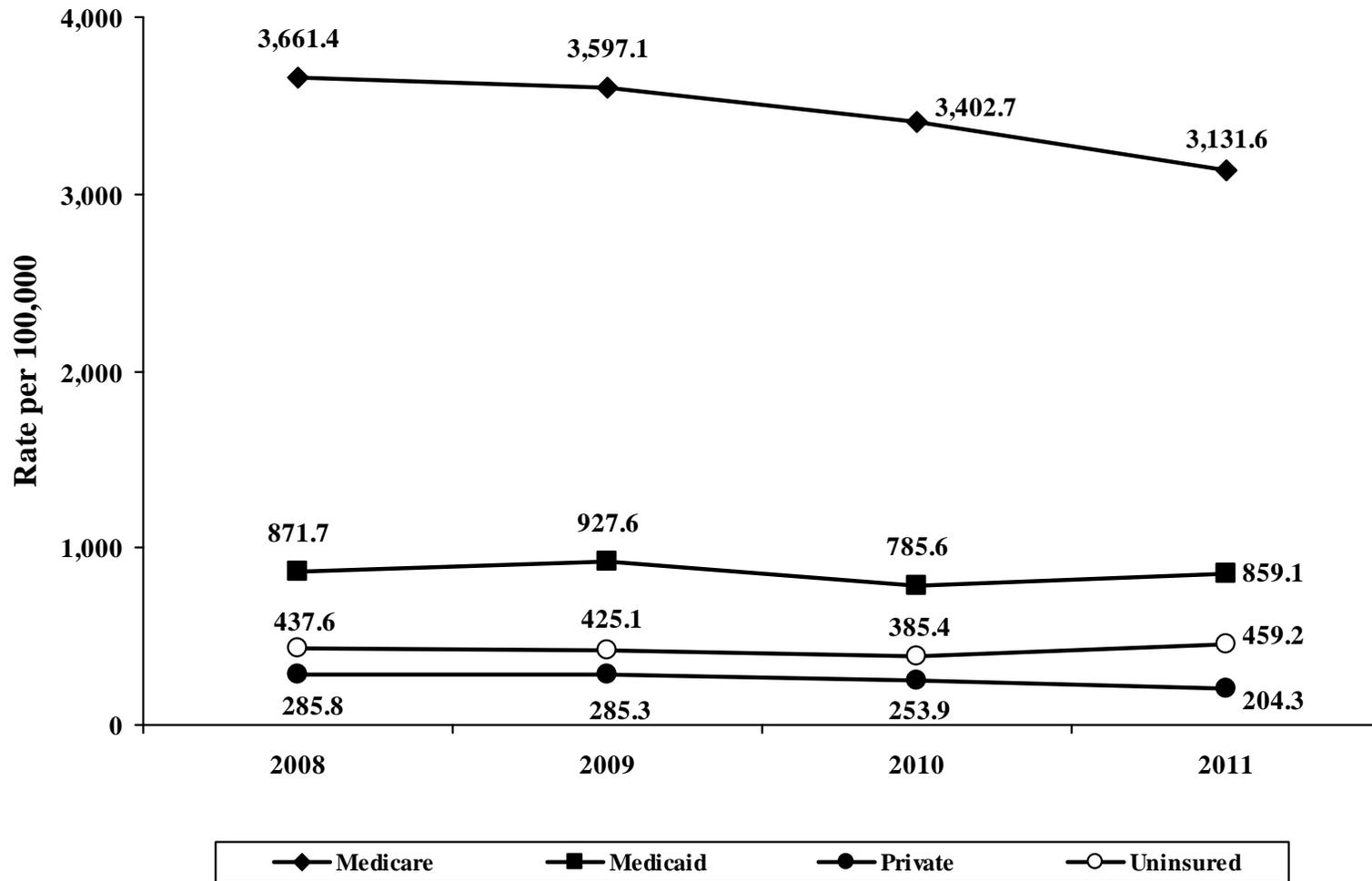


Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2008-2011, Rhode Island Medicaid Research & Evaluation Project

Note: Medicaid includes fee for service and managed care (i.e. RItE Care or Rhody Health Partners)

List of Acute PQIs – Bacterial Pneumonia, Urinary Tract Infection, Dehydration

Figure 28: Chronic PQI Admission Rate for Rhode Islanders (≥ 18) by Health Insurance Coverage

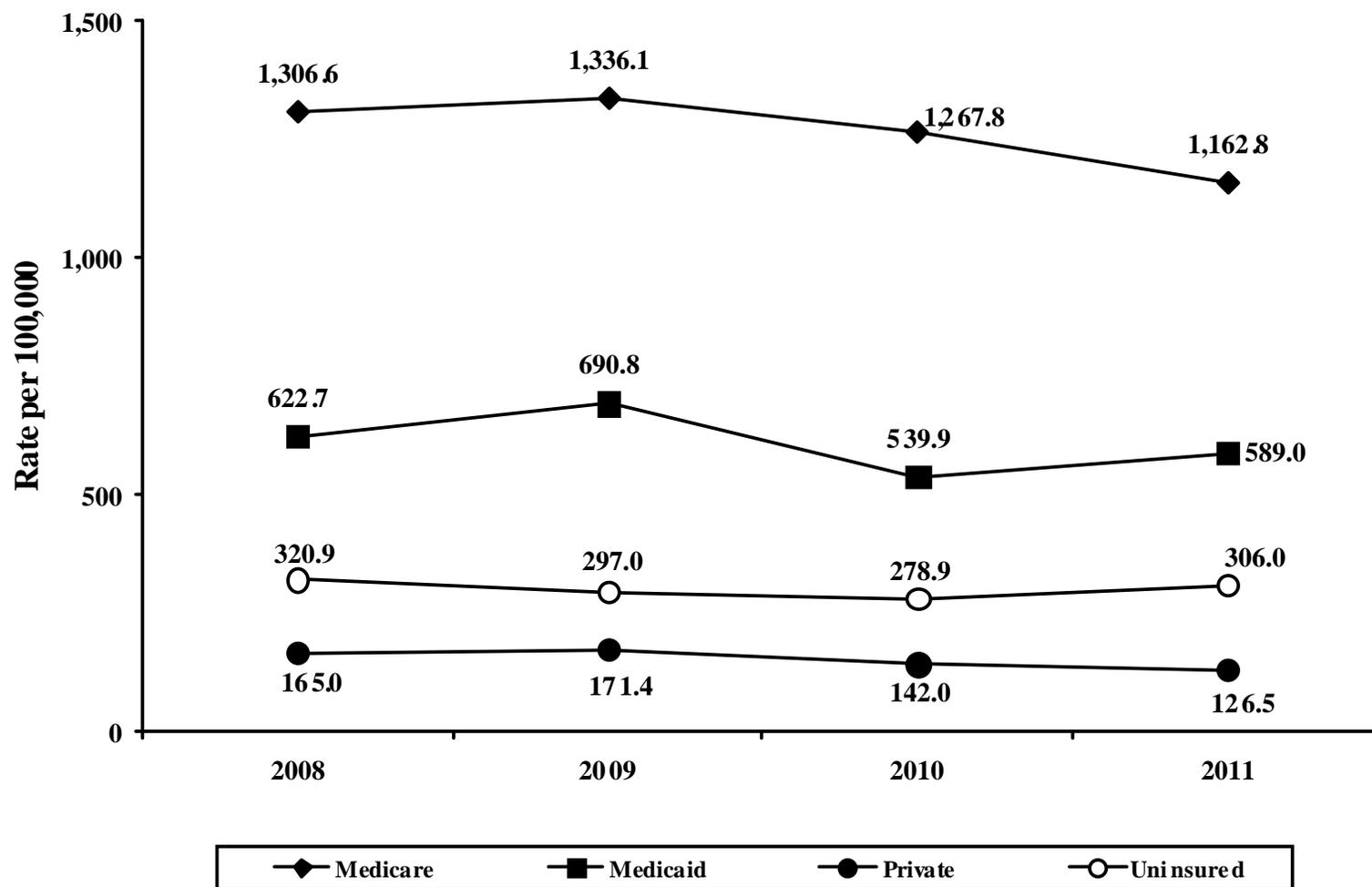


Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2008-2011, Rhode Island Medicaid Research & Evaluation Project

Note: Medicaid includes fee for service and managed care (i.e. RItE Care or Rhody Health Partners)

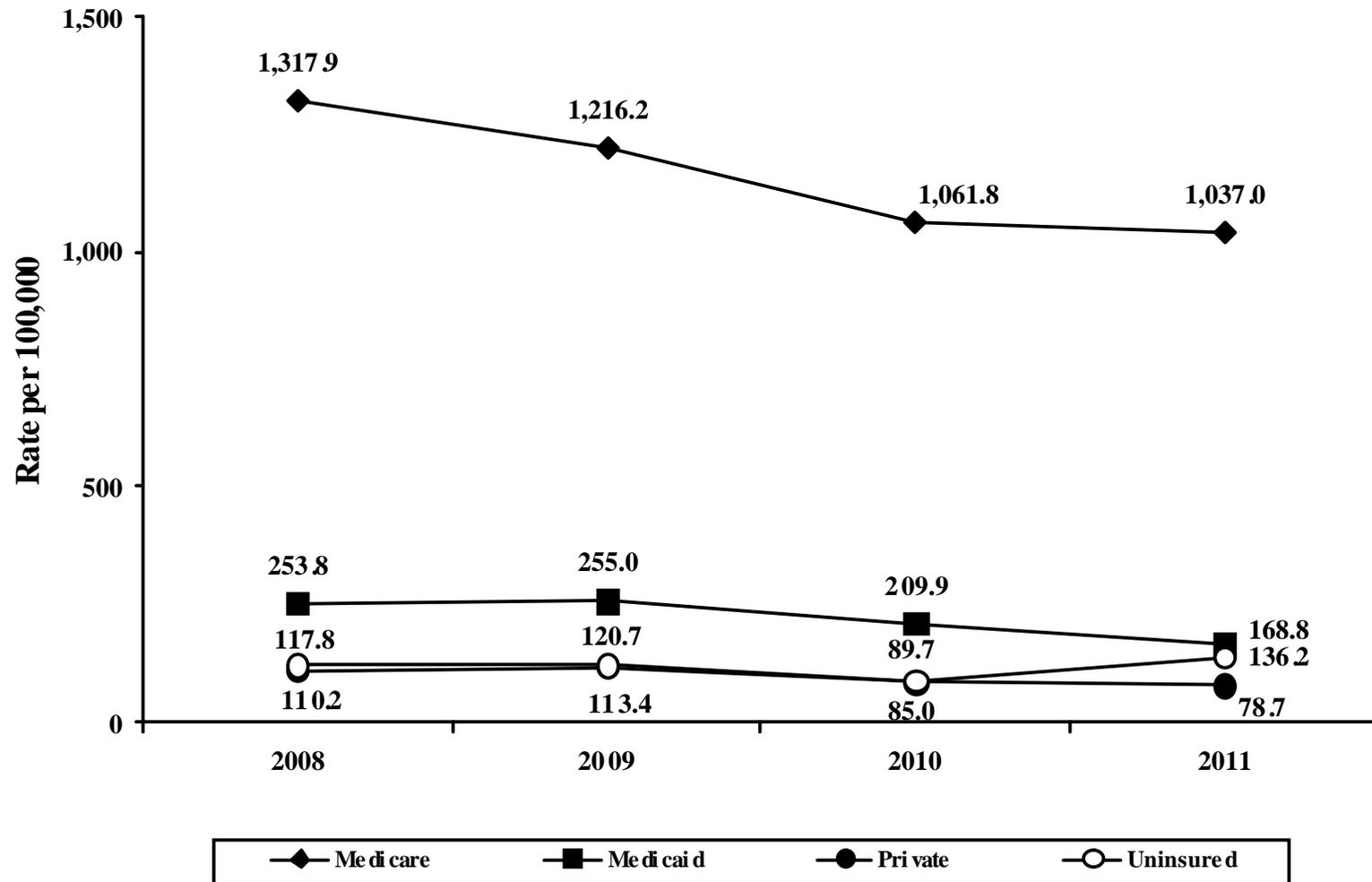
List of Chronic PQIs – Diabetes, Chronic Obstructive Pulmonary Disease, Congestive Heart Failure, Hypertension, Angina, Adult Asthma

Figure 29: Chronic Obstructive Pulmonary Disease or Asthma PQI Admission Rate for Rhode Islanders (≥ 40) by Health Insurance Coverage



Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2008-2011, Rhode Island Medicaid Research & Evaluation Project
 Note: Medicaid includes fee for service and managed care (i.e. Rite Care or Rhody Health Partners)

Figure 29a: Bacterial Pneumonia PQI Admission Rate for Rhode Islanders (≥ 18) by Health Insurance Coverage



Data Source: Rhode Island Hospital Discharge Data Set, RI Department of Health, CY 2008-2011, Rhode Island Medicaid Research & Evaluation Project
 Note: Medicaid includes fee for service and managed care (i.e. RITE Care or Rhody Health Partners)

Section Va: List of Health Indicators for Prenatal Care and Birth Outcomes by Health Insurance Coverage*

1) Total Number of RI Resident Births

2) Total Number of Teen Births (<20)

3) Percent of Total Births to Teenagers (<20)

4) Percent Second Time Births to Teen Mothers

5) Percent of Births to Women (≥ 35)

6) Percent of Births to Women with High Parity (>3)

7) Percent of Pregnant Women Who Smoke Cigarettes

8) Percent of Women with Short Interbirth Interval (<18 months)

9) Percent of Cesarean Births

10) Percent Live in Core Cities

11) Percent of Low Birthweight Infants (<2500 grams)

12) Percent of Very Low Birthweight Infants (<1500 grams)

13) Percent of Premature Births (<37 weeks)

14) Percent of Multiple Births

15) Neonatal Mortality Rate per 1,000 Births (<28 days)

16) Postneonatal Mortality Rate per 1,000 Births (28-365 days)

17) Infant Mortality Rate per 1,000 Births (<1 year)

Data Source: Rhode Island Medicaid Research and Evaluation Project, RI DHS, Vital Statistics Birth File, RI Department of Health 1998-2011

* Health Insurance Coverage is measured after delivery in hospital on birth worksheet filled out by mother and asks "Insurance at time of delivery?"

Note: Uninsured women are not included because <100 births a year

Section Vb: Health Indicator Data Table for Prenatal Care and Birth Outcomes by Health Insurance Coverage CY 2000-2011

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1) Total Number of RI Resident Births	12,065	12,200	12,441	12,690	12,309	12,263	11,978	12,016	11,690	11,135	10,844	10,642
RIte Care	4,271	4,533	4,543	4,700	5,478	5,798	5,530	5,657	5,495	5,321	5,142	5,164
Private	7,577	7,453	7,620	7,769	6,658	6,237	6,313	6,179	6,034	5,653	5,527	5,314
2) Total Number of Teen Births (<20)	1,255	1,229	1,160	1,077	1,159	1,122	1,123	1,190	1,122	1,054	885	829
RIte Care	839	870	803	781	932	943	903	982	935	860	715	677
Private	368	328	357	266	206	155	190	177	150	151	152	126
3) Percent of Total Births to Teenagers (<20)												
RIte Care	19.6	19.2	17.7	16.6	17.0	16.3	16.3	17.4	17.0	16.2	13.9	13.1
Private	4.9	4.4	4.7	3.5	3.1	2.5	3.0	2.9	2.5	2.7	2.8	2.4
4) Percent Repeat Births to Teen Mothers (<20)												
RIte Care	24.1	22.0	22.6	19.5	20.1	19.1	22.2	18.7	19.1	19.5	18.1	17.0
Private	11.7	14.7	15.4	9.9	15.8	5.4	10.1	8.0	7.6	4.7	6.7	3.2
5) Percent of Births to Women (>=35)												
RIte Care	7.2	7.7	8.0	8.4	9.4	10.0	8.8	7.7	7.8	8.0	8.3	9.2
Private	20.5	21.9	23.1	24.3	24.9	26.3	26.6	26.8	25.0	25.6	25.1	23.6

Data Source: RI Medicaid Research and Evaluation Project, DHS, Vital Statistics Birth File, RI Department of Health, CY 2000-2011

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
6) Percent of Births to Women with Parity =>3 children												
RIte Care	12.7	12.3	12.7	13.1	12.0	11.6	12.5	12.1	13.4	12.5	12.2	13.5
Private	6.2	5.9	6.2	6.2	6.0	6.2	6.0	5.7	5.8	5.4	5.7	4.9
7) Percent of Pregnant Women Who Smoke Cigarettes												
RIte Care	24.1	23.0	20.6	20.2	18.4	16.3	17.9	18.7	17.1	16.0	15.0	15.1
Private	9.1	8.2	7.1	6.2	5.4	5.1	4.5	4.4	3.9	3.5	2.9	2.9
8) Percent of Women with Short Interbirth Interval (<18 months)												
RIte Care	29.7	30.3	31.3	27.9	27.2	27.3	28.3	28.8	29.0	29.1	27.8	24.4
Private	27.5	28.7	28.2	27.0	30.7	29.8	29.3	28.6	29.5	26.7	26.3	26.1
9) Percent of Cesarean Births												
RIte Care	20.6	22.2	24.0	24.6	26.3	26.7	27.9	29.2	28.6	28.7	29.2	29.5
Private	24.4	26.6	29.2	31.9	31.5	33.6	34.1	35.5	38.0	36.9	37.2	36.6
10) Percent Live in Core Cities *												
RIte Care	63.2	62.5	64.3	64.2	62.5	61.4	62.0	63.1	63.2	61.4	59.5	60.4
Private	23.6	23.5	24.9	24.3	23.2	20.6	22.8	23.4	22.9	23.8	24.4	23.6

Data Source: RI Medicaid Research and Evaluation Project, DHS, Vital Statistics Birth File, RI Department of Health, 2000-2011

* Core cities = Providence, Pawtucket, Central Falls, Woonsocket, Newport, West Warwick

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
11) Percent of Low Birthweight Infants (<2500 grams)												
RIte Care	8.2	8.5	8.4	9.6	8.8	8.0	8.7	8.8	9.3	8.6	8.2	8.4
Private	6.4	6.4	7.4	8.1	7.5	7.5	7.4	7.2	6.9	7.1	7.0	6.3
12) Percent of Very Low Birthweight Infants (<1500 grams)												
RIte Care	1.7	1.6	1.8	1.7	1.6	1.7	1.7	1.6	1.5	1.7	1.5	1.7
Private	1.4	1.4	1.6	1.8	1.4	1.4	1.3	1.9	1.4	1.4	1.5	1.2
13) Percent of Premature Births (<37 weeks)												
RIte Care	9.5	10.5	9.9	9.6	10.5	10.4	10.7	10.9	10.4	10.0	9.6	9.5
Private	9.0	8.5	9.5	10.2	9.7	10.1	10.5	10.6	9.7	9.8	9.4	8.3
14) Percent of Multiple Births												
RIte Care	2.3	3.2	2.5	2.4	3.3	2.8	2.8	2.7	3.0	3.0	2.2	2.3
Private	3.5	4.1	5.0	5.2	4.6	5.2	5.2	4.4	4.6	4.9	4.9	4.1

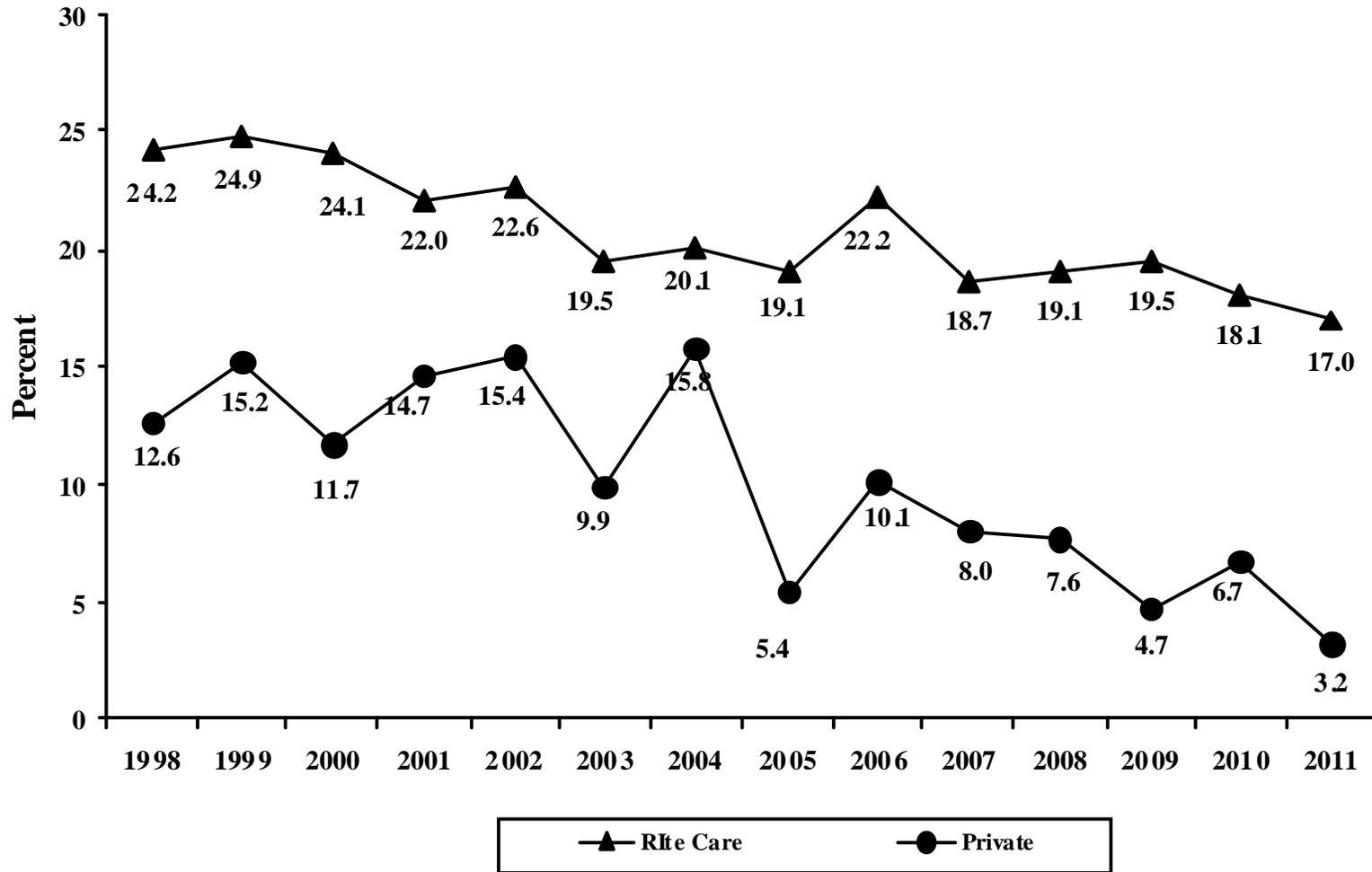
Data Source: RI Medicaid Research and Evaluation Project, DHS, Vital Statistics Birth File, RI Department of Health, 2000-2011

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
15) Neonatal Mortality (<28 days) Rate per 1000 Births												
Rite Care	3.5	6.6	4.6	5.3	3.5	3.6	4.9	4.4	4.4	4.3	3.9	5.0
Private	5.0	4.0	2.9	4.0	4.2	5.0	3.8	5.5	4.1	4.1	5.8	3.4
16) Postneonatal Mortality (28-365 days) Rate per 1000 Births												
Rite Care	1.6	2.0	3.3	3.0	1.5	2.4	2.0	2.5	2.4	2.1	2.5	2.7
Private	1.1	0.8	1.3	0.8	1.1	0.8	0.5	1.1	0.7	0.5	0.7	0.8
17) Infant Mortality (<1 year) Rate per 1000 Births												
Rite Care	5.2	8.6	7.9	8.3	4.9	6.0	6.9	6.9	6.7	6.4	6.4	7.7
Private	6.1	4.8	4.2	4.8	5.3	5.8	4.3	6.6	4.8	4.6	6.5	4.1

Data Source: RI Medicaid Research and Evaluation Project, DHS, Vital Statistics Birth File, RI Department of Health, 2000-2011

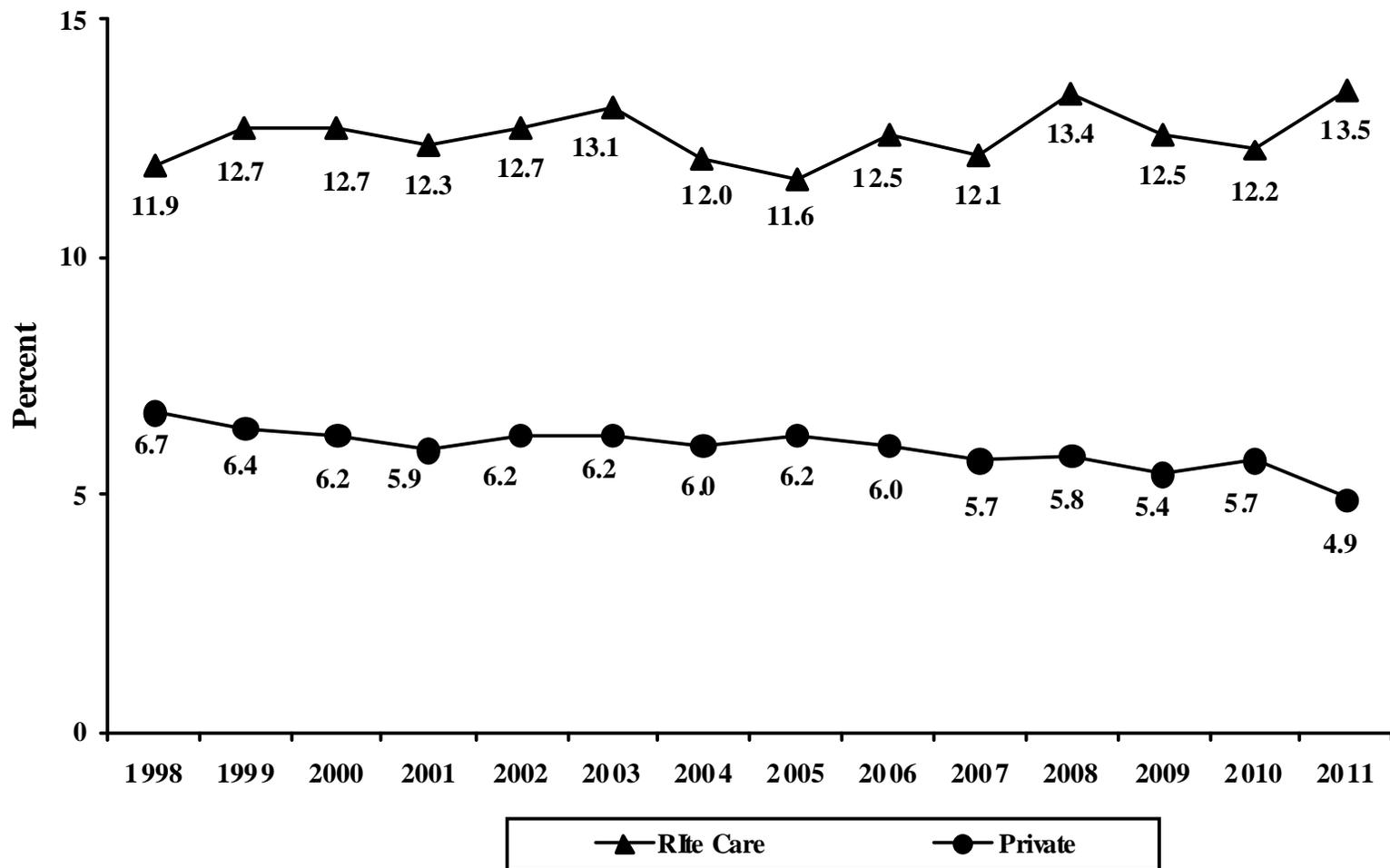
Technical Note: Infant mortality rates may fluctuate year to year due to small numbers. There are <50 deaths per year for infants on Medicaid.

Figure 30: Percent Repeat Births to Teen Mothers (<20) by Health Insurance Coverage



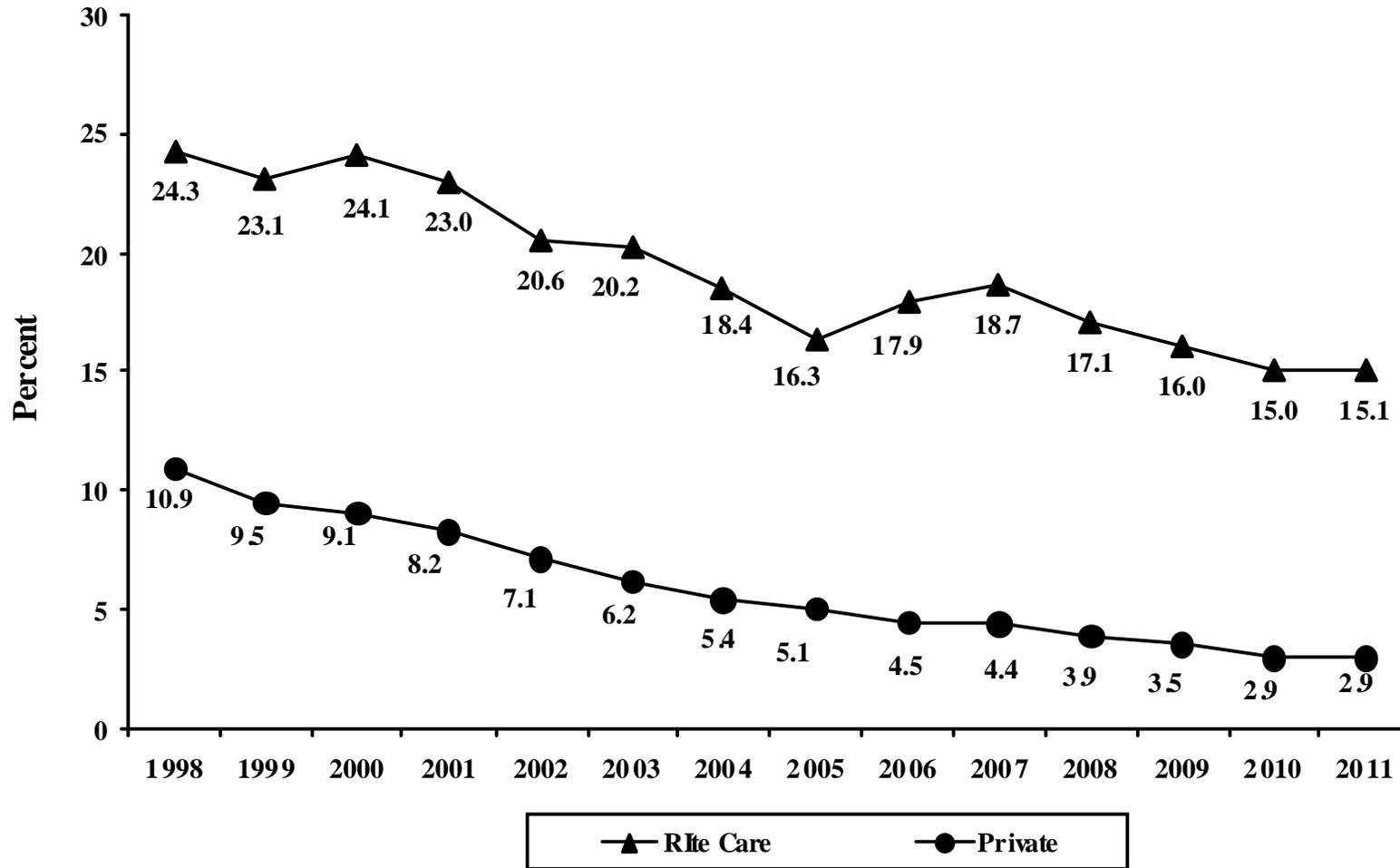
Data Source: Vital Statistics Birth File, RI Department of Health, 1998-2011

Figure 31: Percent of Births to Women with High Parity (≥ 3 Children) by Health Insurance Coverage



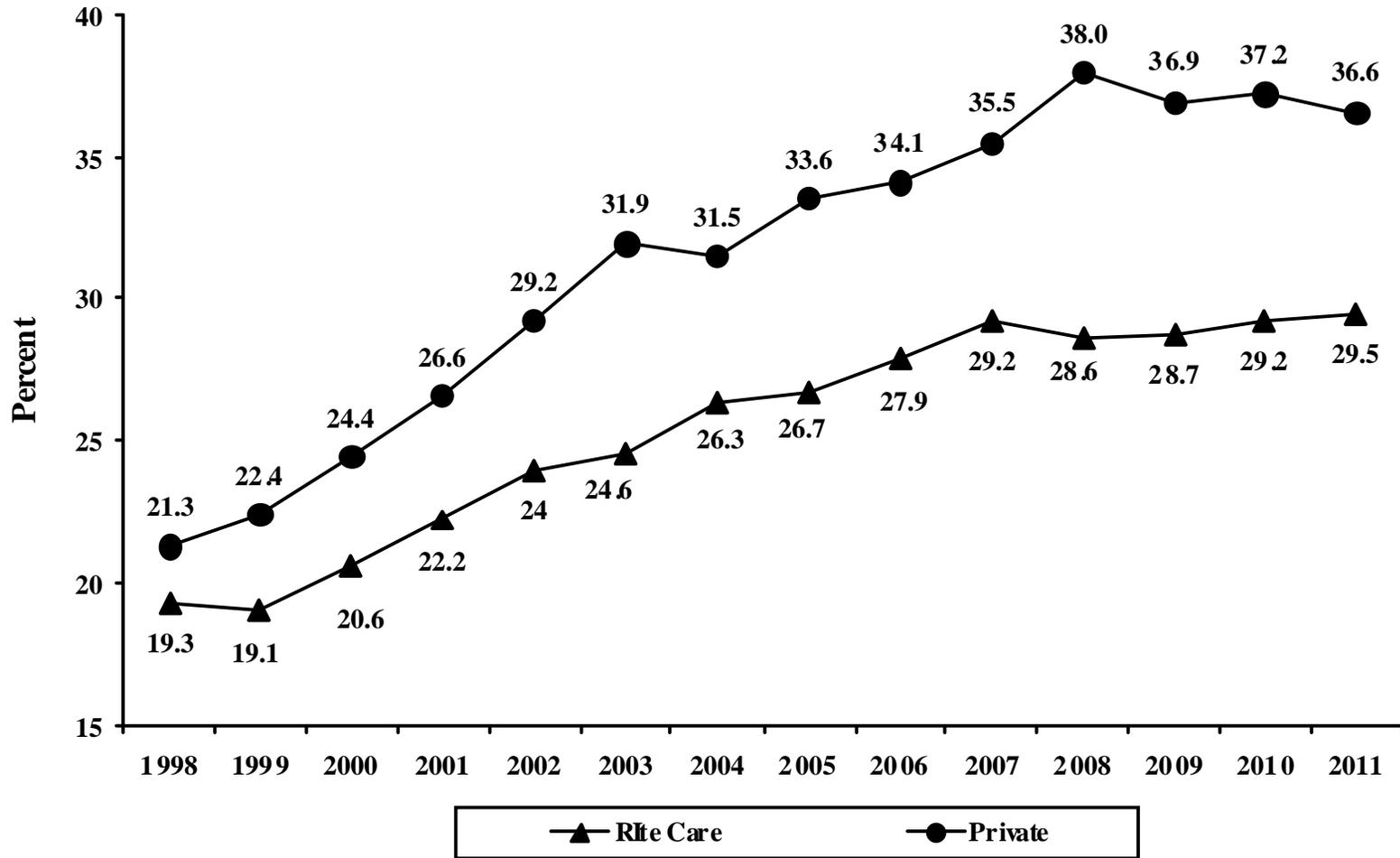
Data Source: Vital Statistics Birth File, RI Department of Health, 1998-2011

Figure 32: Percent of Pregnant Women Who Smoke Cigarettes by Health Insurance Coverage



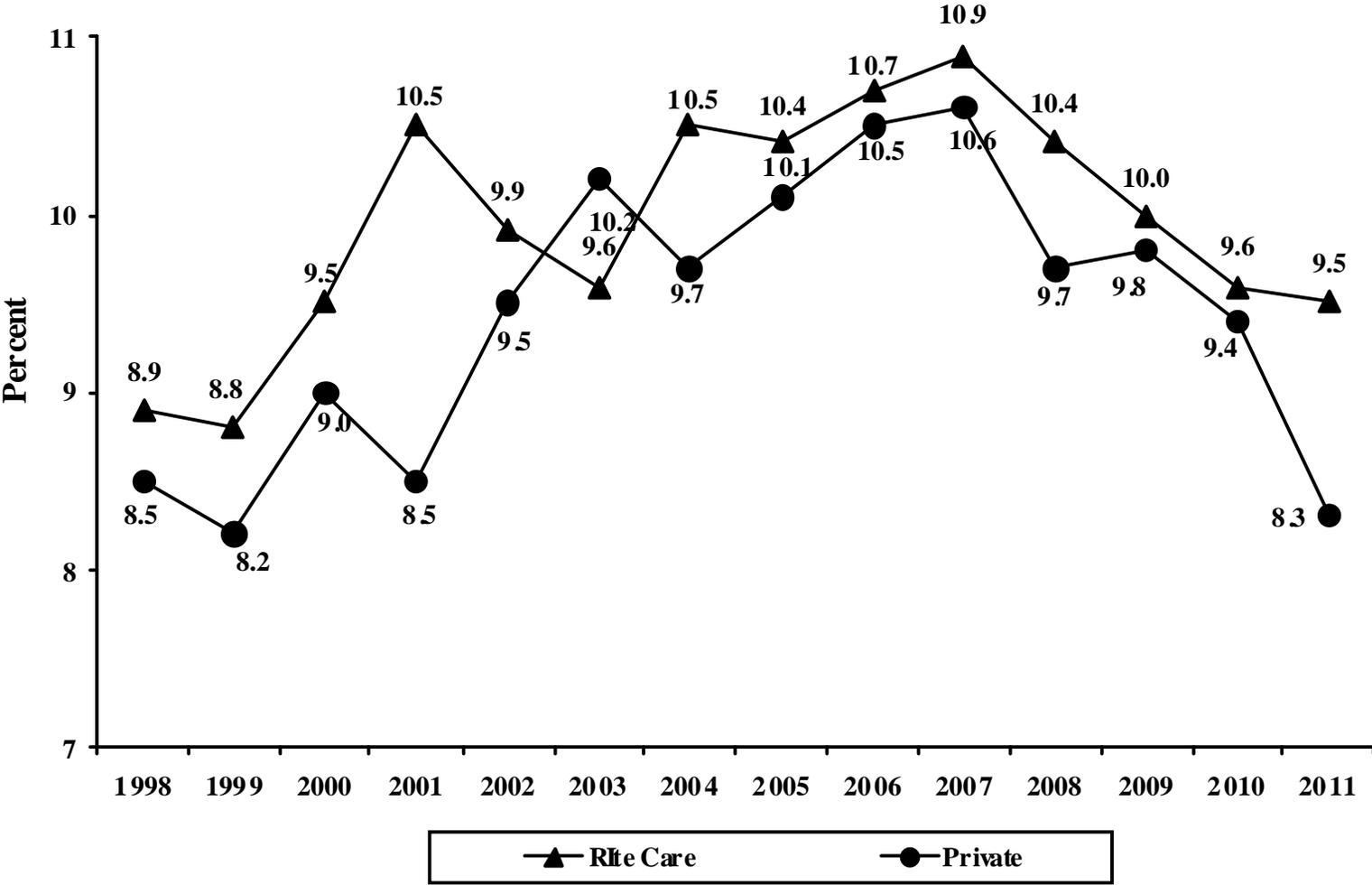
Data Source: Vital Statistics Birth File, RI Department of Health, 1998-2011

Figure 33: Percent of Cesarean Births by Health Insurance Coverage



Data Source: Vital Statistics Birth File, RI Department of Health, 1998-2011

Figure 34: Percent of Premature Births (<37 weeks) by Health Insurance Coverage



Data Source: Vital Statistics Birth File, RI Department of Health, 1998-2011

Section VIa: List of Health Indicators for Health Behaviors and Life Stress for Women During Pregnancy and the Postpartum Period by Health Insurance Coverage*
1) Percent of Women Who Ever Breastfeed
2) Percent of Postpartum Women Using Contraception
3) Percent of Women Who Had Postpartum Checkup
4) Percent of Pregnant Women Who Moved During Pregnancy
5) Percent of Pregnant Women Who were Homeless During Pregnancy
6) Percent of Pregnant Women Who Couldn't Pay Bills During Pregnancy
7) Percent of Pregnant Women Who Argued More With Husband/Partner During Pregnancy
8) Percent of Pregnant Women Whose Pregnancies are Unplanned

Data Source: Prenatal Risk and Monitoring System (PRAMS), RI Department of Health, 2002-2011

Technical Notes: Mail survey sent to RI mothers @ 3 months postpartum

* Health Insurance Coverage is measured @ 3 month postpartum for prenatal care and delivery
 "How was your prenatal care and/or delivery paid for?"

**Section VIb: Health Indicator Data Table for Health Behaviors and Life Stress for Women during Pregnancy
and the Postpartum Period by Health Insurance Coverage CY 2002 – 2011**

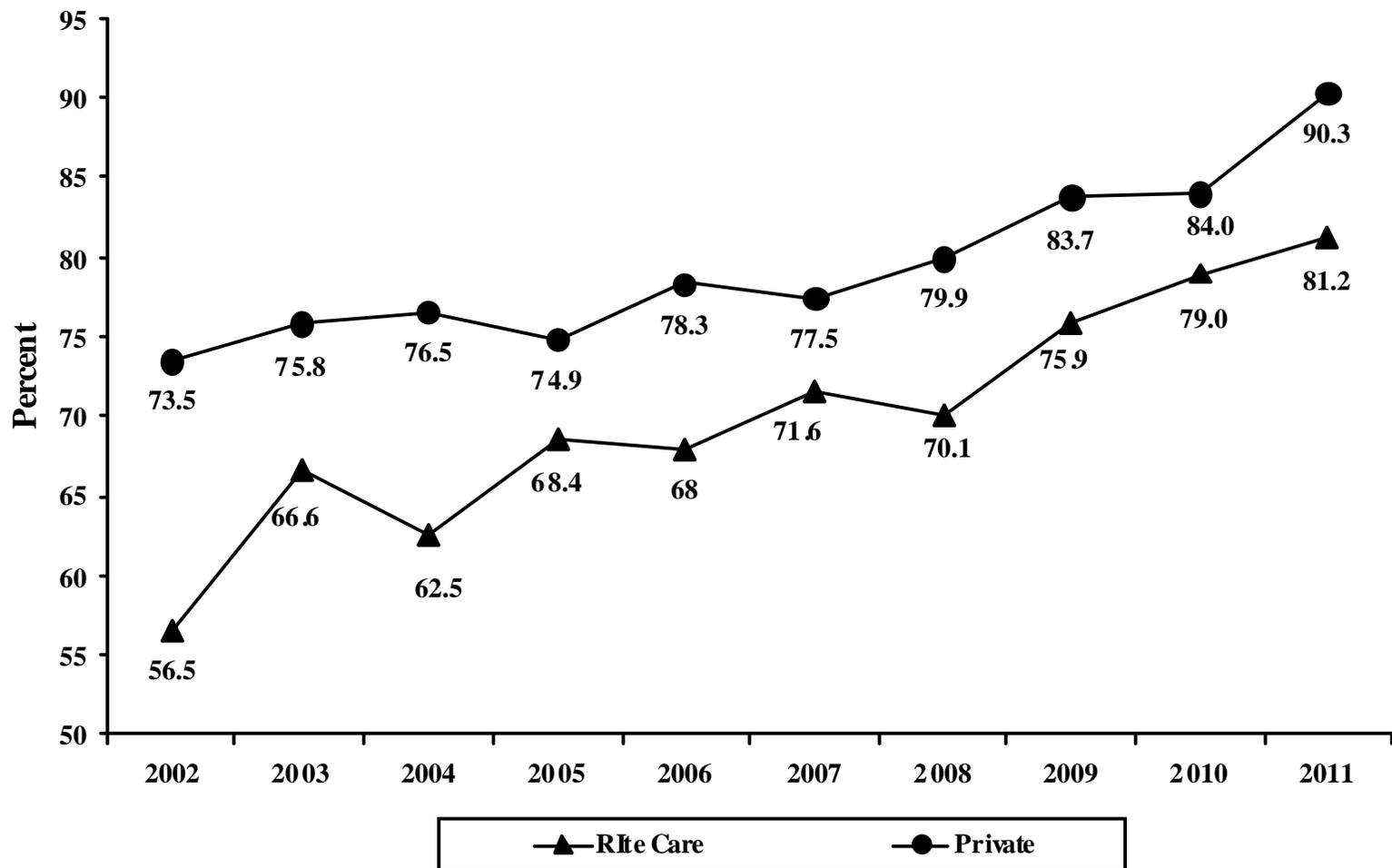
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1) Percent of Women Who Ever Breastfeed										
RIte Care	56.5	66.6	62.5	68.4	68.0	71.6	70.1	75.9	79.0	81.2
Private	73.5	75.8	76.2	74.9	78.3	77.5	79.9	83.7	84.0	90.3
2) Percent of Postpartum Women Using Contraception										
RIte Care	85.3	84.3	83.5	86.1	84.7	84.0	85.8	89.9	87.7	87.4
Private	83.6	81.9	88.2	85.9	85.7	87.1	85.5	88.5	80.2	88.5
3) Percent of Women Who Had Postpartum Check-up										
RIte Care	87.7	88.6	89.1	89.6	88.5	89.4	88.2	92.5	89.5	91.3
Private	97.8	95.9	97.1	95.1	96.4	95.7	95.3	95.5	98.1	95.9
4) Percent of Pregnant Women Who Moved During Pregnancy										
RIte Care	39.2	38.6	41.8	39.5	42.9	40.3	40.6	40.2	36.9	38.4
Private	29.5	23.7	25.9	25.8	26.7	25.4	29.8	18.2	25.5	24.8
5) Percent of Pregnant Women Who were Homeless During Pregnancy										
RIte Care	8.7	13.1	7.8	4.6	7.8	6.6	8.0	5.3	7.6	6.1
Private	1.0	1.4	1.2	0.2	1.3	0.6	1.4	0.7	0.3	1.0

Data Source: Prenatal Risk and Monitoring System (PRAMS), RI Department of Health, 2002-2011

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
6) Percent of Pregnant Women Who Couldn't Pay Bills During Pregnancy										
RIte Care	42.3	36.2	32.1	35.1	33.6	33.6	35.5	34.3	27.4	37.1
Private	12.3	11.9	10.6	10.0	12.2	14.3	17.8	13.9	14.5	10.9
7) Percent of Pregnant Women Who Argued more with Husband/Partner During Pregnancy										
RIte Care	42.7	36.1	36.0	33.9	40.3	32.9	31.1	31.5	28.1	26.8
Private	20.5	20.3	16.3	16.8	17.0	18.4	21.3	18.5	18.0	14.1
8) Percent of Pregnant Women Whose Pregnancies were Unplanned										
RIte Care	71.5	66.4	67.1	68.8	65.0	70.6	66.4	62.4	62.6	64.1
Private	32.1	32.3	34.1	31.9	34.9	29.6	40.0	28.5	32.6	31.2

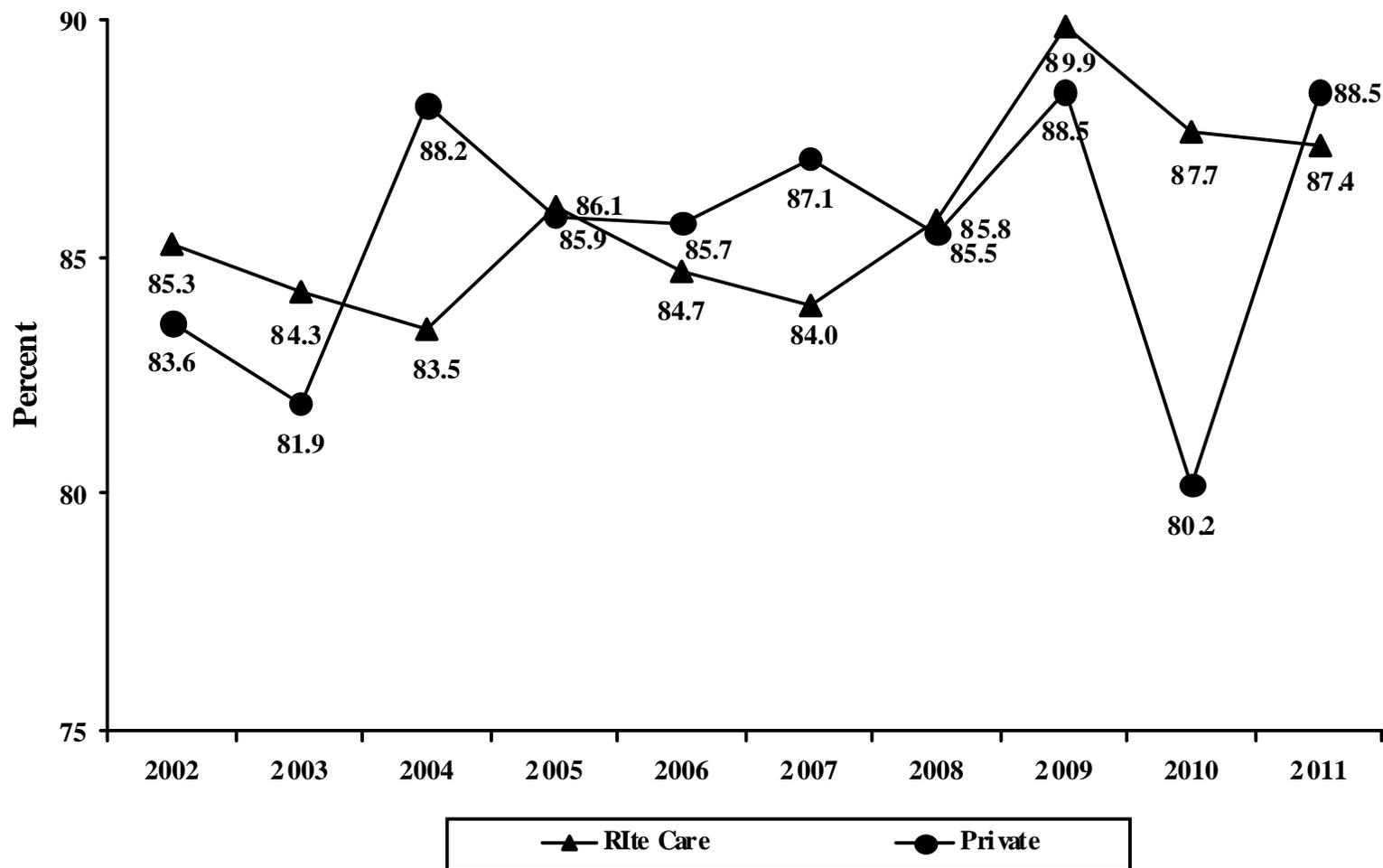
Data Source: Prenatal Risk and Monitoring System (PRAMS), RI Department of Health, 2002-2011

Figure 35: Percent of Mothers Who Breastfeed by Health Insurance Coverage



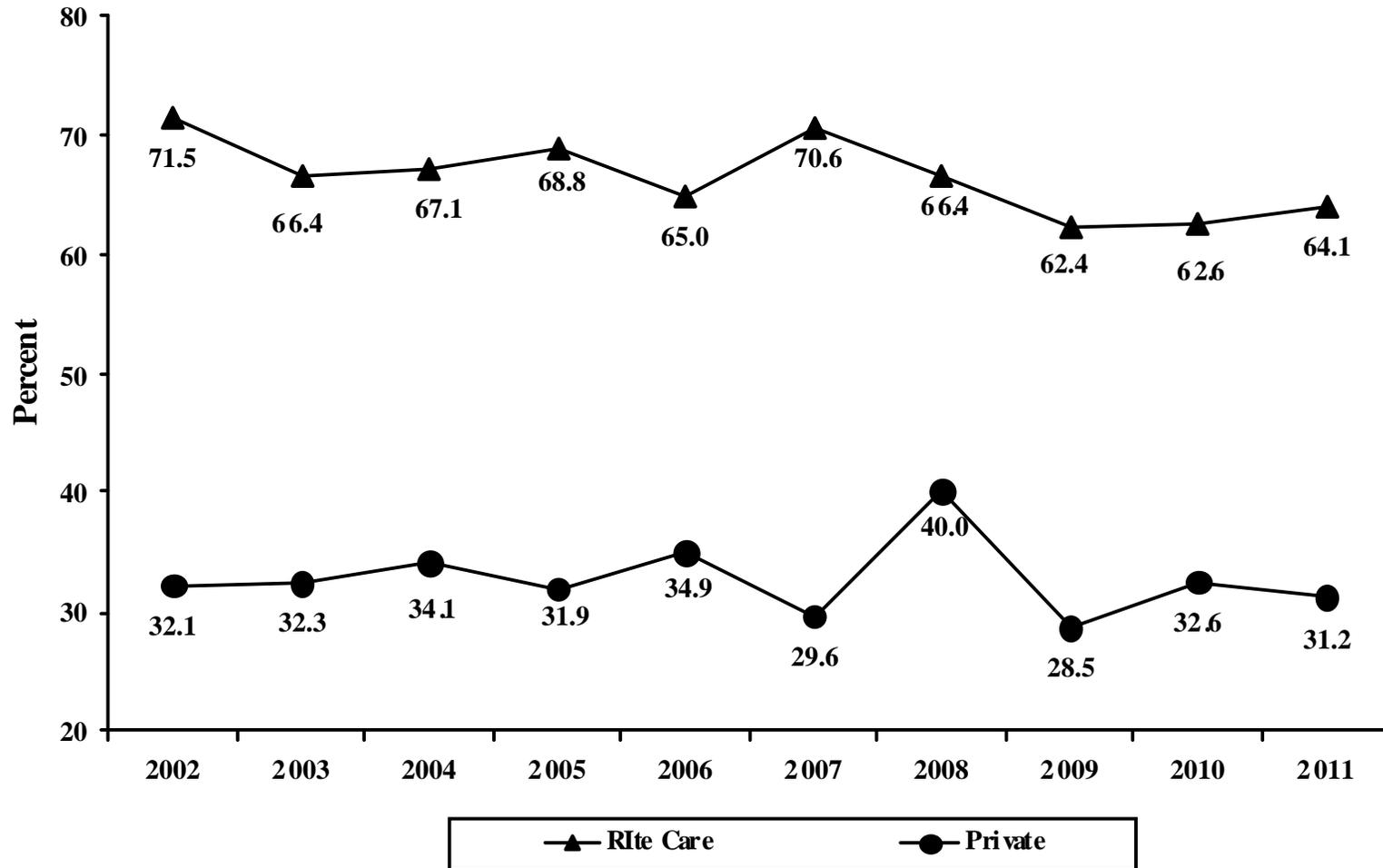
Data Source: Prenatal Risk and Monitoring System (PRAMS), RI Department of Health, 2002-2011

Figure 36: Percent of Postpartum Women Using Contraception by Health Insurance Coverage



Data Source: Prenatal Risk and Monitoring System (PRAMS), RI Department of Health, 2002-2011

Figure 37: Percent of Pregnant Women Whose Pregnancies Were Unplanned by Health Insurance Coverage



Data Source: Prenatal Risk and Monitoring System (PRAMS), RI Department of Health, 2002-2011

**Section VIIa: List of Health Indicators for Demographic and Disability Characteristics for Rhode Islanders
Ages 19-64 years old by Health Insurance Coverage***

1) Total Number of RI Population (19-64)

2) Percent Living in a Female Head of Household (19-64)

3) Percent Living Alone (19-64)

4) Percent Living at <133% of Federal Poverty Level (19-64)

5) Percent with < High School Education (25-64)

6) Percent with >= 4 Years College (25-64)

7) Percent who are Employed (25-64)

8) Percent who are Unemployed (25-64)

9) Percent who are not in Labor Force (homemakers, retirees, students, disabled) (25-64)

10) Percent who are Hispanic (19-64)

11) Percent who are a Non-White Race (19-64)

12) Percent with a Cognitive Disability (45-64) (serious difficulty concentrating, remembering, making decisions)

13) Percent with Ambulatory Disability (45-64) (serious difficulty walking or climbing stairs)

14) Percent with Independent Living Disability (45-64) (serious difficulty doing errands alone, going to doctor's office or shopping)

15) Percent with Self Care Disability (45-64) (difficulty dressing or bathing)

16) Percent with Serious Vision or Hearing Difficulty (45-64)

17) Percent with any Disability (45-64)

Data Source: American Community Survey (ACS), Census Bureau 2008-2011
Integrated Public Use Microdata Series (IPUMS) University of Minnesota
Health Insurance Coverage is measured by marking yes or no for each type of health coverage
Dual = Medicare and Medicaid

**Section VIIIb: Health Indicator Data Table for Demographic and Disability Characteristics for Rhode Islanders Ages 19-64
by Health Insurance Coverage**

	2008	2009	2010	2011
1) Total Number of RI Population (19-64)				
Private	479,181	464,131	448,001	451,314
Medicare	14,405	10,283	9,136	13,669
Medicaid	52,226	53,504	61,168	63,792
Dual	13,684	15,430	20,289	17,630
Uninsured	93,223	106,586	113,375	106,885
2) Percent Living in a Female Head of Household (19-64)				
Private	20.6	18.4	21.2	19.5
Medicare	25.1	19.1	40.2	29.8
Medicaid	35.1	44.0	47.3	41.6
Dual	42.4	38.7	35.6	44.8
Uninsured	32.0	34.3	33.3	32.1
3) Percent Living Alone (19-64)				
Private	10.3	10.9	10.9	11.2
Medicare	25.1	25.2	30.0	21.3
Medicaid	15.3	7.6	12.2	9.5
Dual	38.5	35.4	27.5	31.3
Uninsured	14.7	14.7	10.6	12.6

Data Source: American Community Survey (ACS), Census Bureau 2008 – 2011. Integrated Public Use Microdata Series (IPUMS), University of Minnesota

	2008	2009	2010	2011
4) Percent Living at <133% of Federal Poverty Level (19-64)				
Private	5.4	5.4	7.0	7.0
Medicare	29.3	20.2	38.4	33.9
Medicaid	47.1	53.2	55.1	55.6
Dual	59.0	68.5	64.9	53.2
Uninsured	26.6	27.1	31.3	33.8
5) Percent with < High School Education (25-64)				
Private	5.0	4.9	4.4	5.0
Medicare	17.1	23.8	20.5	20.4
Medicaid	28.1	24.4	28.9	27.5
Dual	34.4	28.3	31.7	30.1
Uninsured	22.3	21.1	24.1	22.5
6) Percent with >= 4 Years College (25-64)				
Private	36.4	37.3	38.5	39.3
Medicare	13.1	16.1	14.8	22.5
Medicaid	8.1	9.3	7.4	8.3
Dual	10.9	6.8	7.6	4.5
Uninsured	15.1	12.6	12.6	13.0

Data Source: American Community Survey (ACS), Census Bureau 2008 – 2011. Integrated Public Use Microdata Series (IPUMS), University of Minnesota

	2008	2009	2010	2011
7) Percent who are Employed (25-64)				
Private	84.7	83.7	81.1	84.3
Medicare	24.4	15.6	12.2	17.4
Medicaid	44.3	47.6	40.3	40.2
Dual	14.5	7.7	11.0	18.6
Uninsured	58.5	60.2	56.2	59.1
8) Percent who are Unemployed (25-64)				
Private	2.7	4.1	4.3	3.6
Medicare	1.7	5.4	0.6	2.1
Medicaid	9.7	12.6	14.5	15.6
Dual	3.1	0.0	5.4	2.1
Uninsured	17.5	19.4	20.7	17.6
9) Percent who are not in Labor Force (25-64) (homemakers, retirees, students, disabled)				
Private	12.6	12.2	14.6	12.1
Medicare	73.8	79.0	87.2	80.5
Medicaid	46.0	39.8	45.2	44.2
Dual	82.3	92.3	83.6	79.3
Uninsured	24.0	20.5	23.0	23.4

Data Source: American Community Survey (ACS), Census Bureau 2008 – 2011. Integrated Public Use Microdata Series (IPUMS), University of Minnesota

	2008	2009	2010	2011
10) Percent who are Hispanic (19-64)				
Private	6.3	5.5	5.9	6.8
Medicare	10.9	4.0	8.0	10.8
Medicaid	21.9	26.2	24.8	27.5
Dual	14.9	10.4	8.9	18.4
Uninsured	28.2	29.1	29.0	24.2
11) Percent who are Non-White Race (19-64)				
Private	11.3	11.3	12.2	13.1
Medicare	15.4	8.3	22.6	12.1
Medicaid	29.4	33.0	38.9	30.2
Dual	18.8	21.1	18.5	17.4
Uninsured	28.6	33.3	31.9	30.8

Data Source: American Community Survey (ACS), Census Bureau 2008 – 2011. Integrated Public Use Microdata Series (IPUMS), University of Minnesota

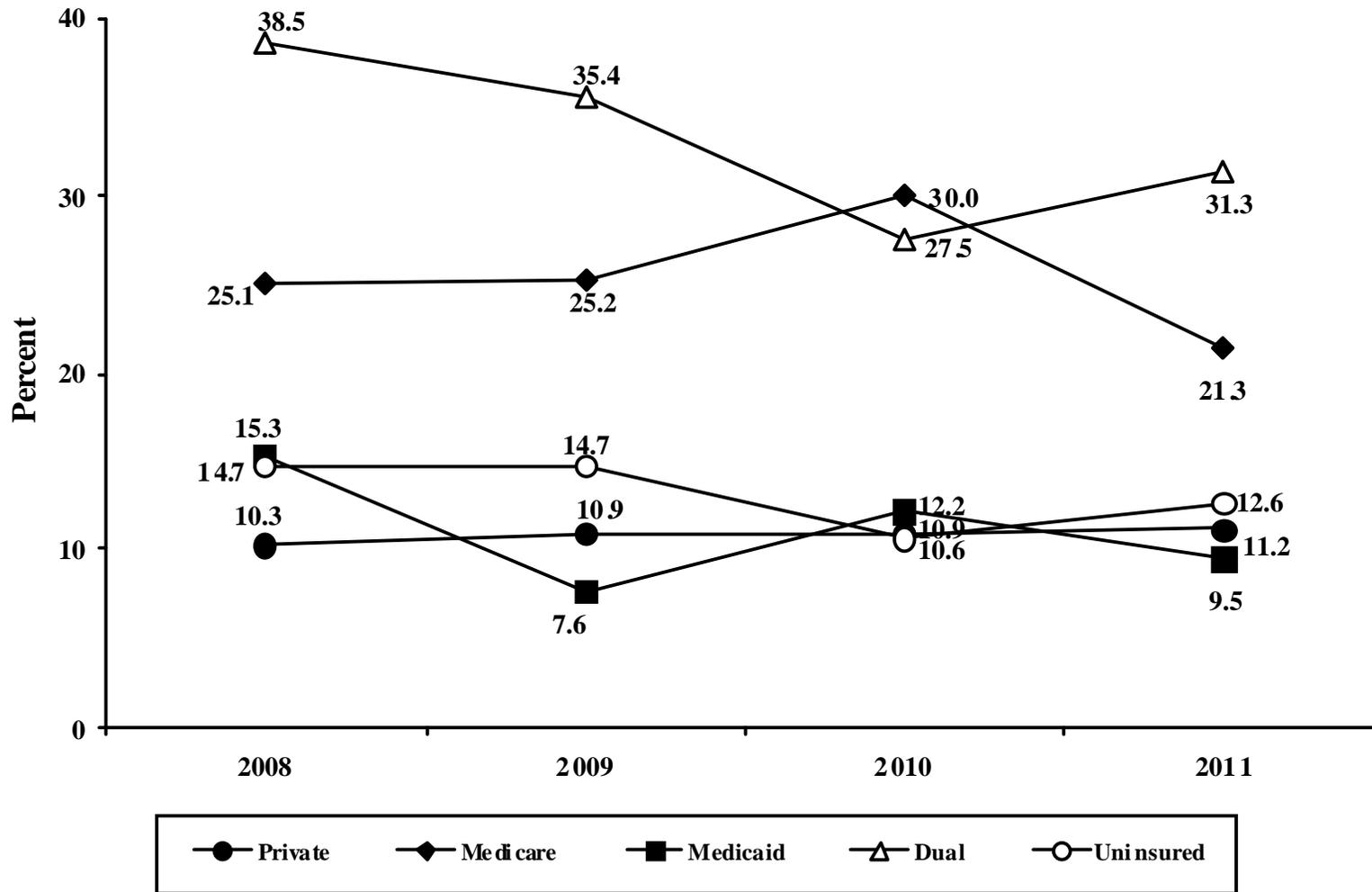
	2008	2009	2010	2011
12) Percent with Cognitive Disability (45-64) (serious difficulty concentrating, remembering, making decisions)				
Private	1.7	1.5	1.5	1.3
Medicare	26.4	25.3	26.5	24.3
Medicaid	26.7	30.7	27.3	21.6
Dual	51.1	61.7	42.6	42.2
Uninsured	9.0	3.5	6.2	6.3
13) Percent with Ambulatory Disability (45-64) (serious difficulty walking or climbing stairs)				
Private	3.5	3.1	3.1	3.6
Medicare	35.3	35.1	48.1	35.3
Medicaid	34.4	35.7	42.5	28.9
Dual	55.8	50.8	40.2	46.4
Uninsured	11.5	8.4	6.9	6.7
14) Percent with Independent Living Disability (45-64) (serious difficulty doing errands alone, going to doctor's office or shopping)				
Private	1.4	1.0	0.9	1.5
Medicare	19.4	22.3	23.2	22.2
Medicaid	18.2	23.2	20.6	17.4
Dual	45.4	52.7	34.1	28.5
Uninsured	5.7	3.7	2.3	3.7

Data Source: American Community Survey (ACS), Census Bureau 2008 – 2011. Integrated Public Use Microdata Series (IPUMS), University of Minnesota

	2008	2009	2010	2011
15) Percent with Self Care Disability (45-64) (difficulty dressing or bathing)				
Private	0.7	0.5	0.5	0.6
Medicare	10.3	14.0	9.6	11.6
Medicaid	9.5	17.2	7.0	11.0
Dual	20.2	20.6	18.6	19.6
Uninsured	2.1	1.3	2.7	1.9
16) Percent with Serious Vision or Hearing Difficulty (45-64)				
Private	3.1	2.9	3.4	2.6
Medicare	13.1	12.2	7.4	11.8
Medicaid	15.8	10.5	10.8	10.9
Dual	16.9	26.0	22.3	22.9
Uninsured	7.4	2.6	5.9	6.2
17) Percent with any Disability (45-64)				
Private	7.2	6.2	7.1	6.8
Medicare	56.0	60.9	60.0	52.6
Medicaid	58.7	50.2	59.9	46.0
Dual	81.6	93.1	66.1	70.6
Uninsured	22.9	13.8	16.0	15.4

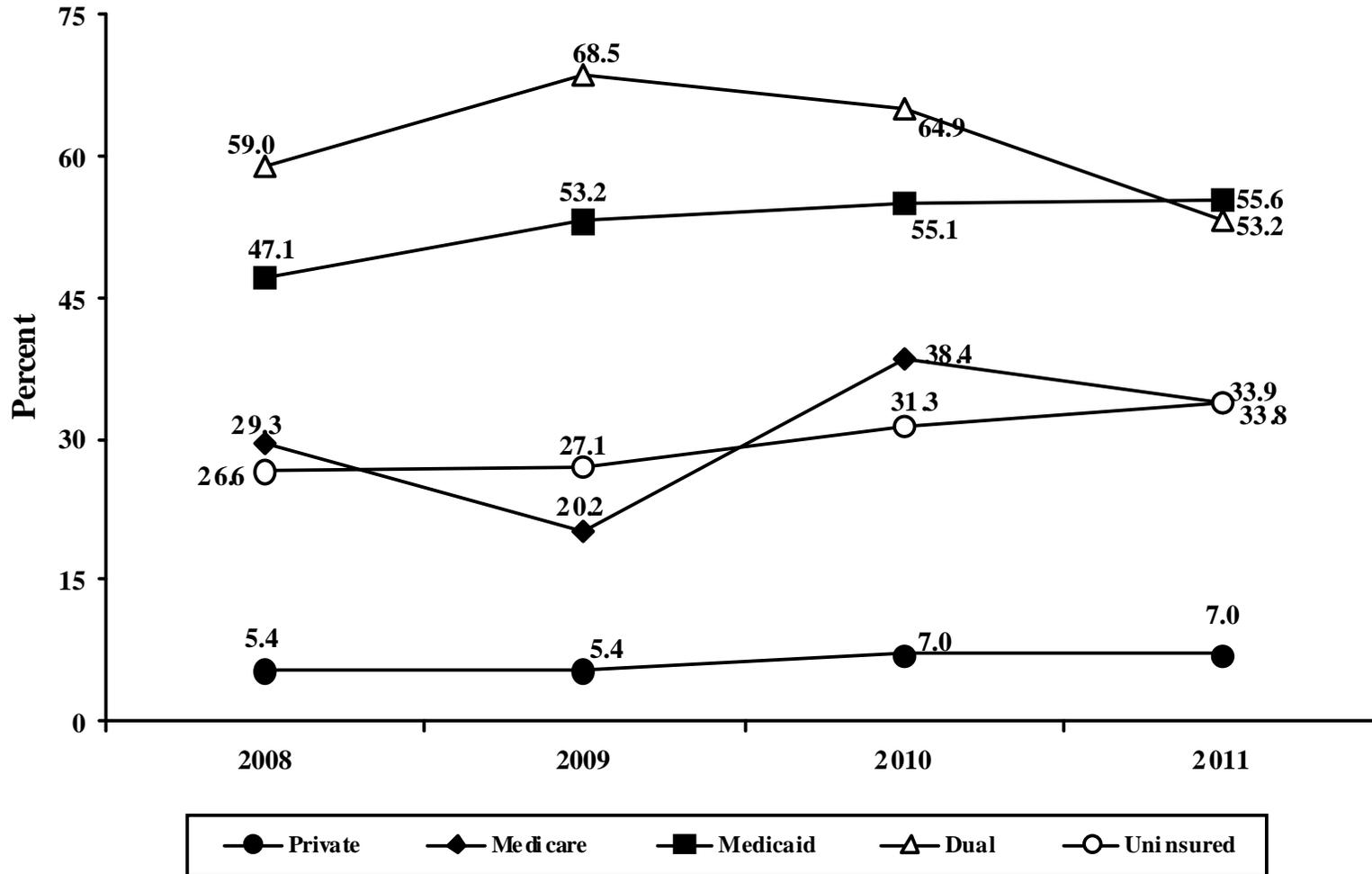
Data Source: American Community Survey (ACS), Census Bureau 2008 – 2011. Integrated Public Use Microdata Series (IPUMS), University of Minnesota

Figure 38: Percent of Rhode Islanders (ages 19-64) who Live Alone by Health Insurance Coverage



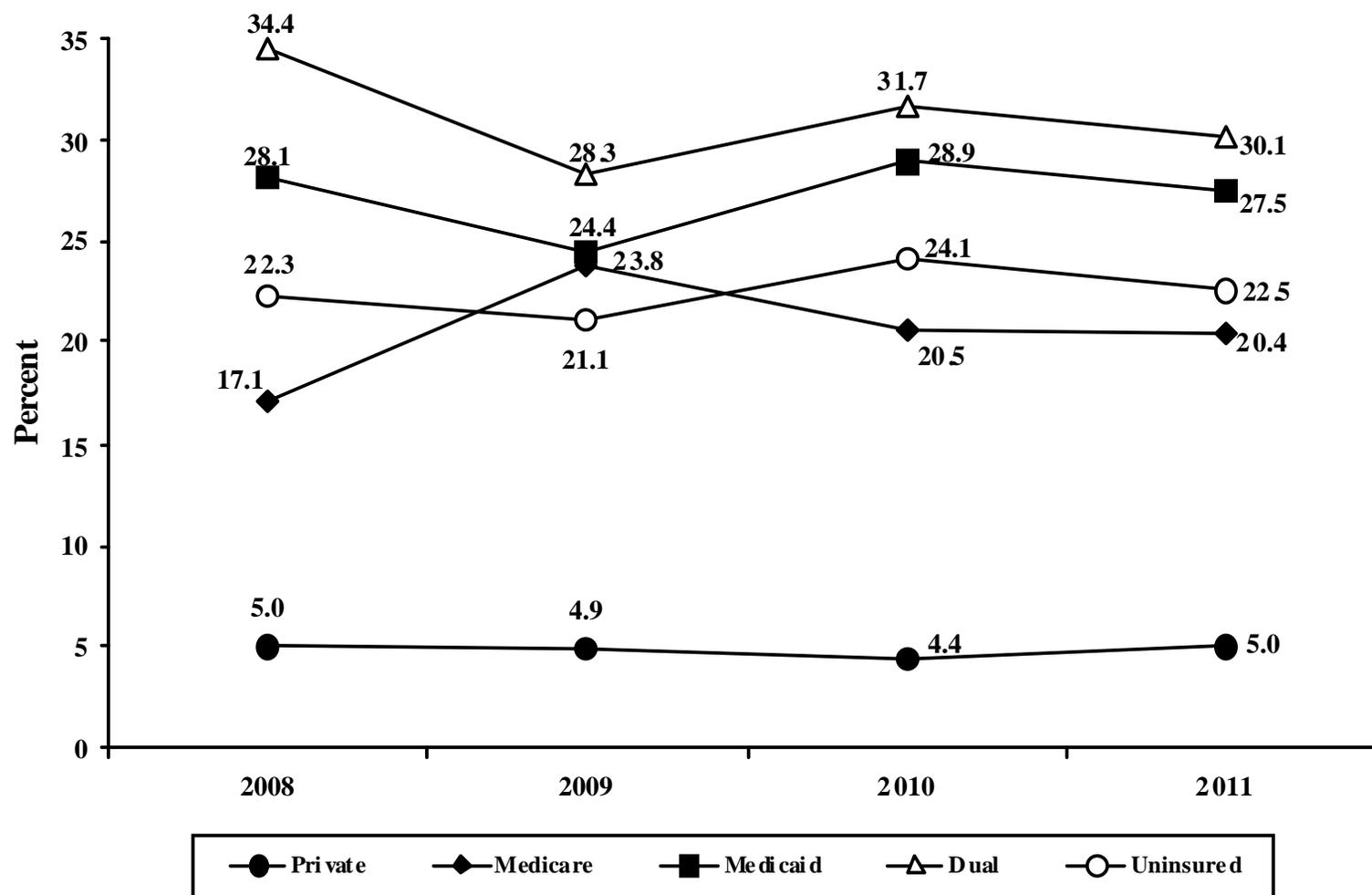
Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)
 University of Minnesota, RI Medicaid Research and Evaluation Project

**Figure 39: Percent of Rhode Islanders (ages 19-64)
Living at <133% of Federal Poverty Level
by Health Insurance Coverage**



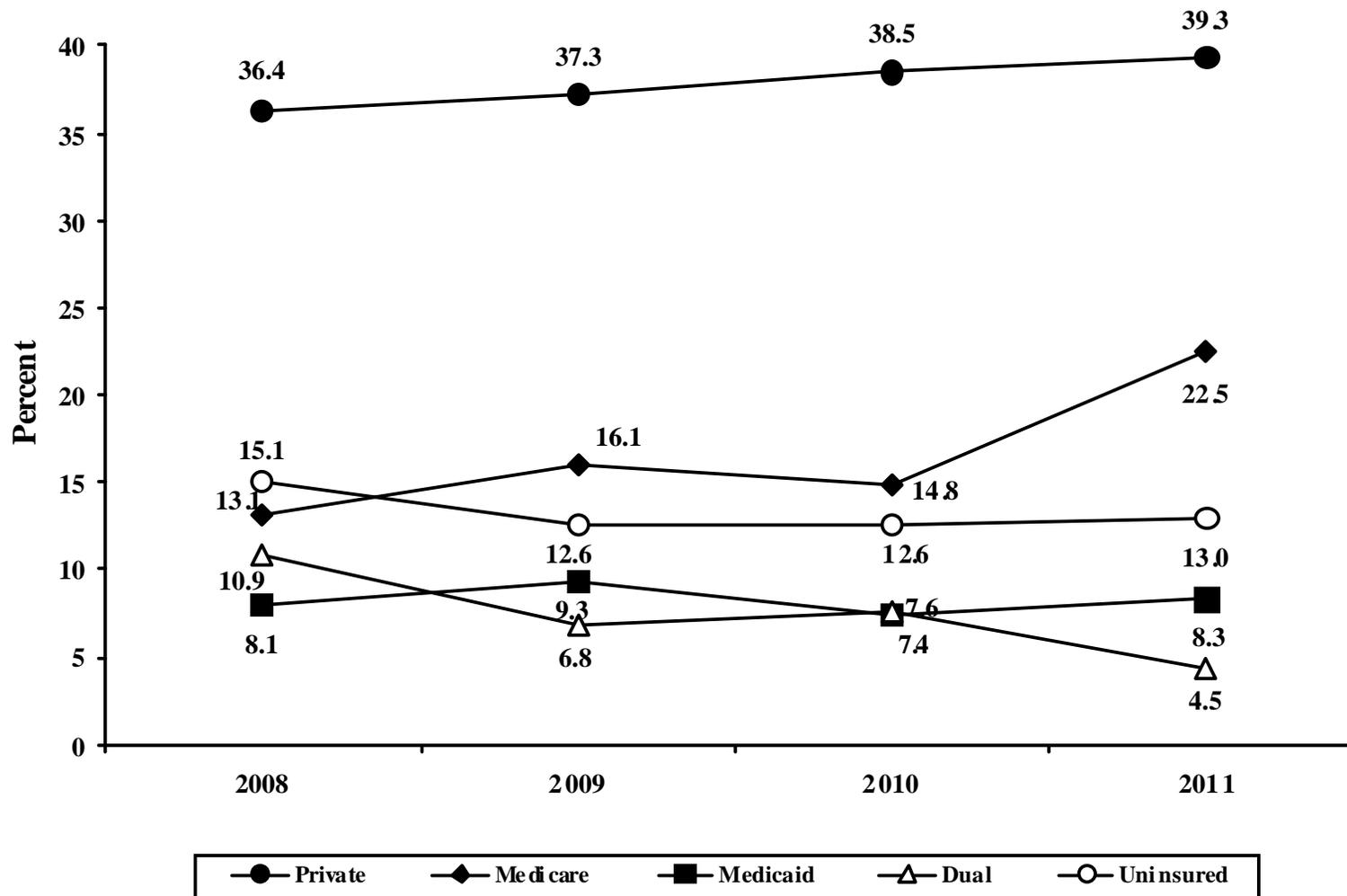
Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)
University of Minnesota, RI Medicaid Research and Evaluation Project

Figure 40: Percent of Rhode Islanders (ages 19-64) with less than a High School Education by Health Insurance Coverage



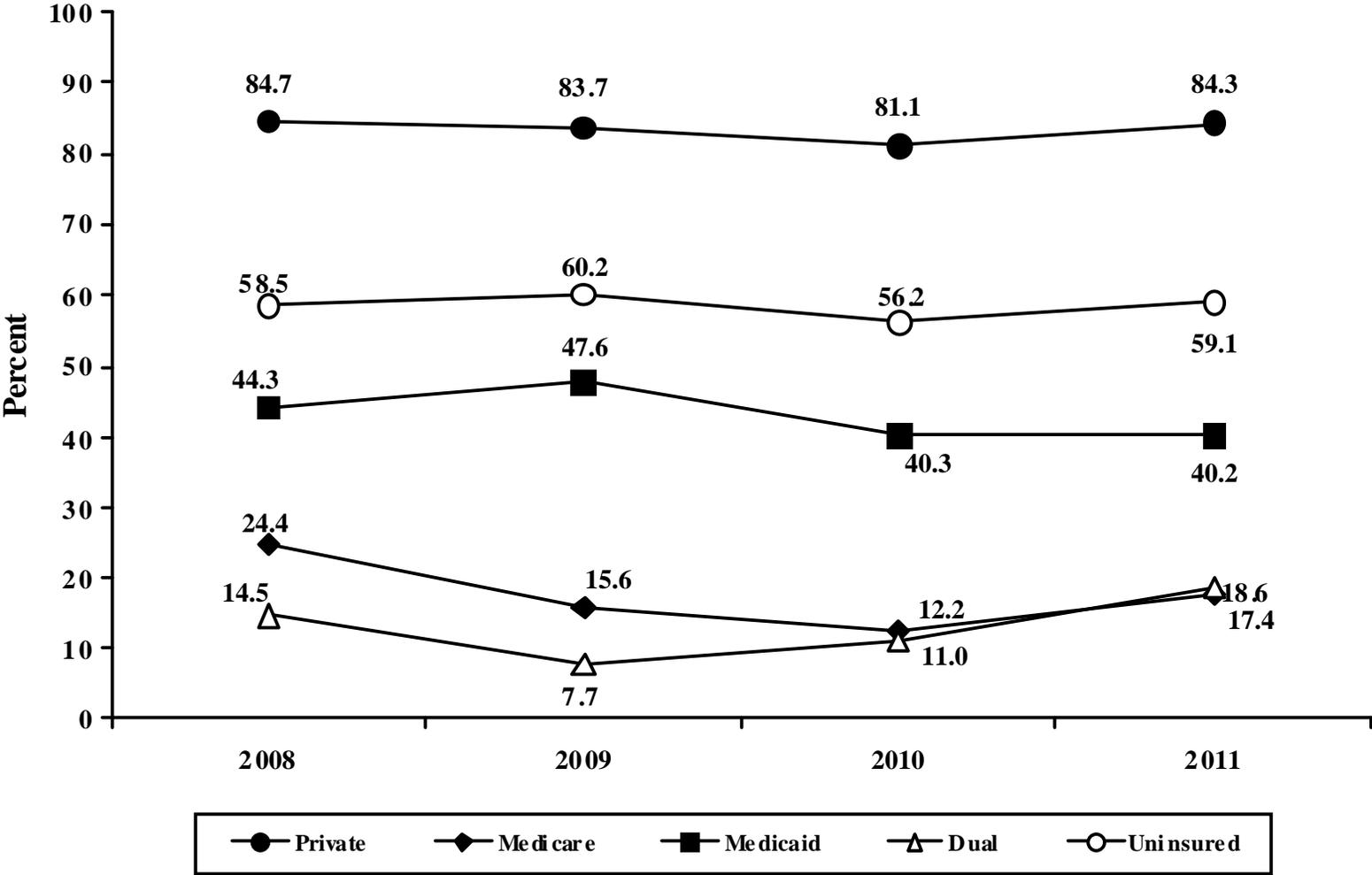
Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)
 University of Minnesota, RI Medicaid Research and Evaluation Project

Figure 41: Percent of Rhode Islanders (ages 19-64) with a College Degree or Higher by Health Insurance Coverage



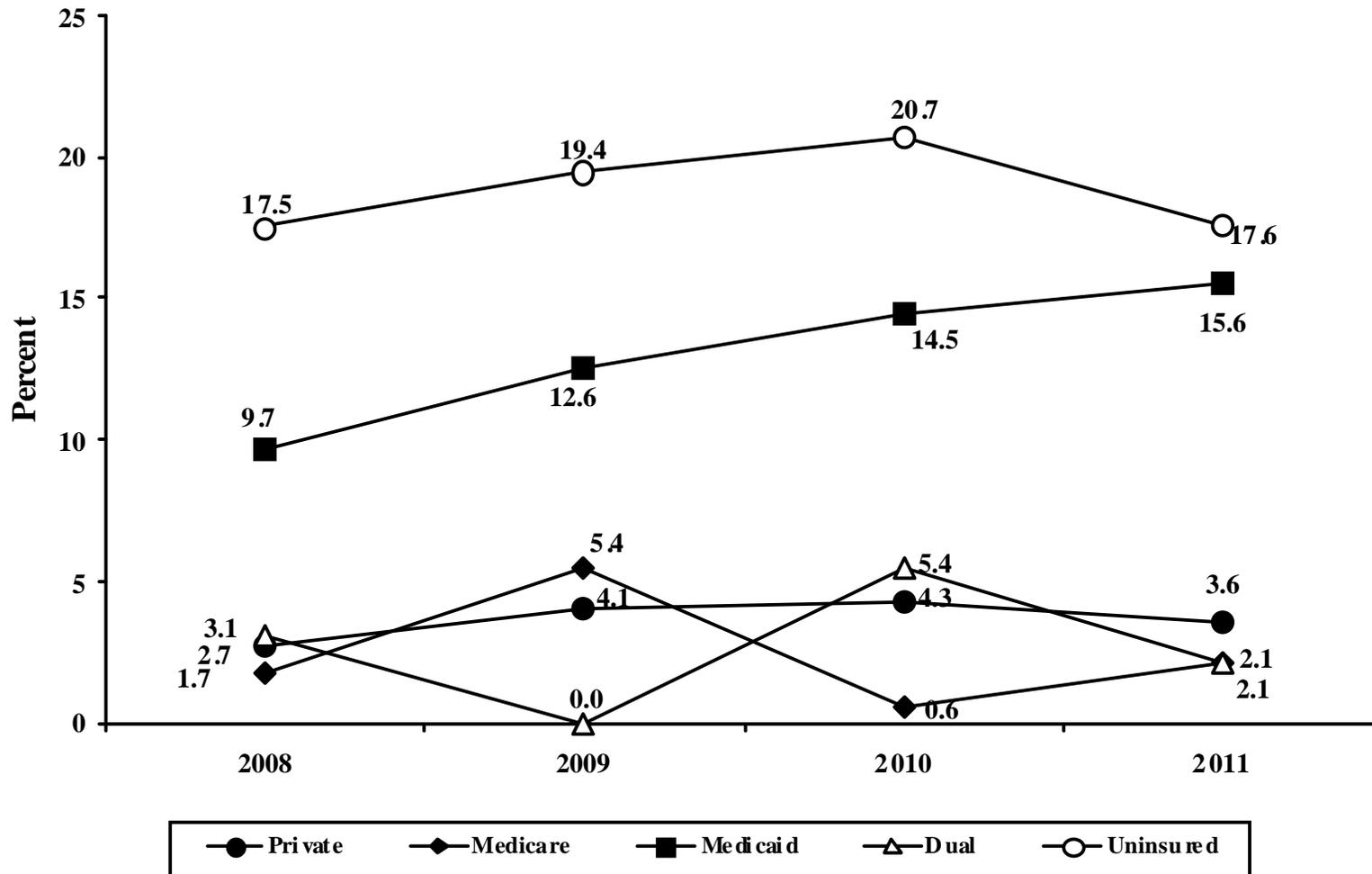
Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)
University of Minnesota, RI Medicaid Research and Evaluation Project

Figure 42: Percent of Rhode Islanders (ages 19-64) who are Employed by Health Insurance Coverage



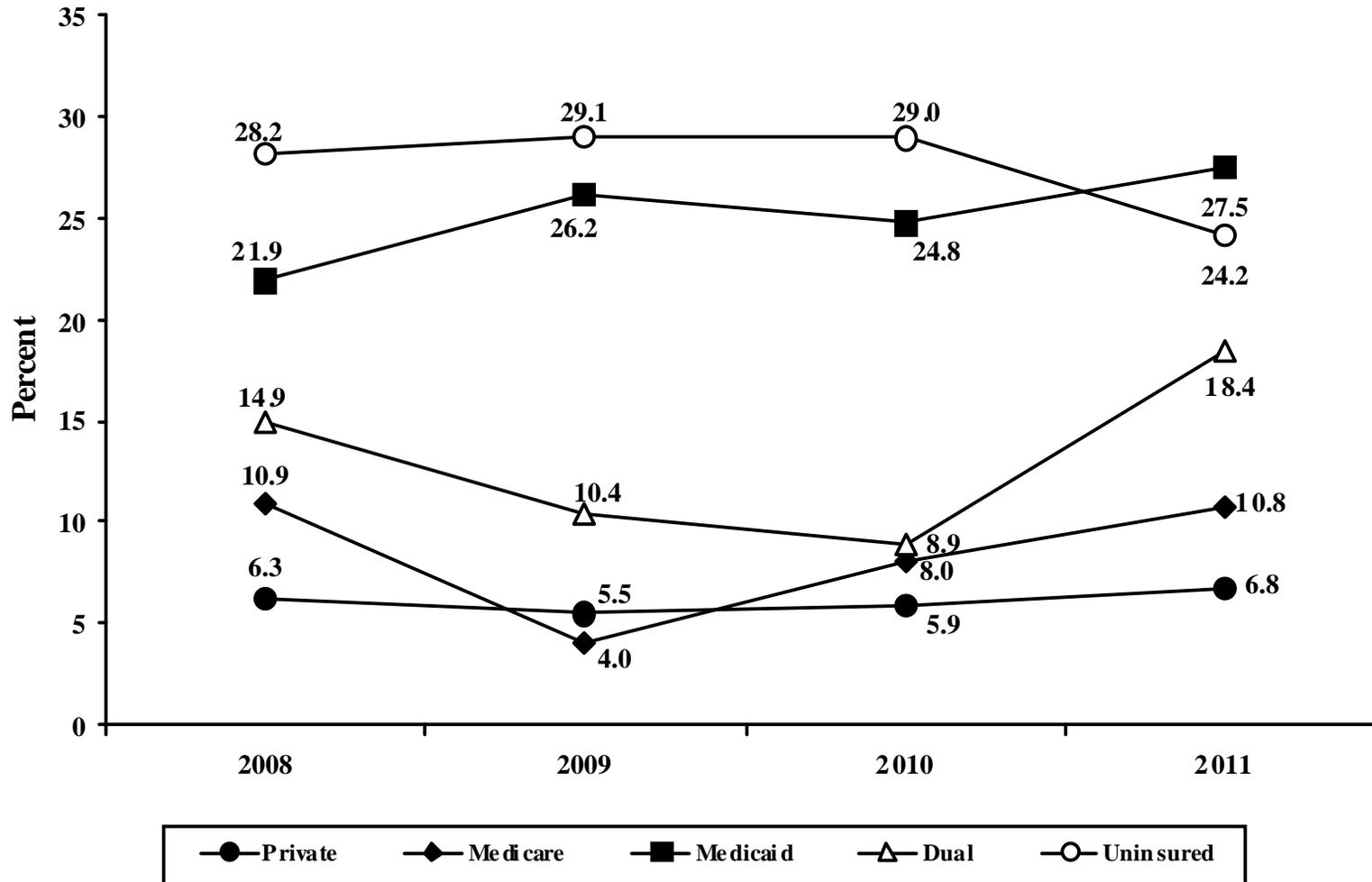
Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)
 University of Minnesota, RI Medicaid Research and Evaluation Project

Figure 43: Percent of Rhode Islanders (ages 19-64) who are Unemployed by Health Insurance Coverage



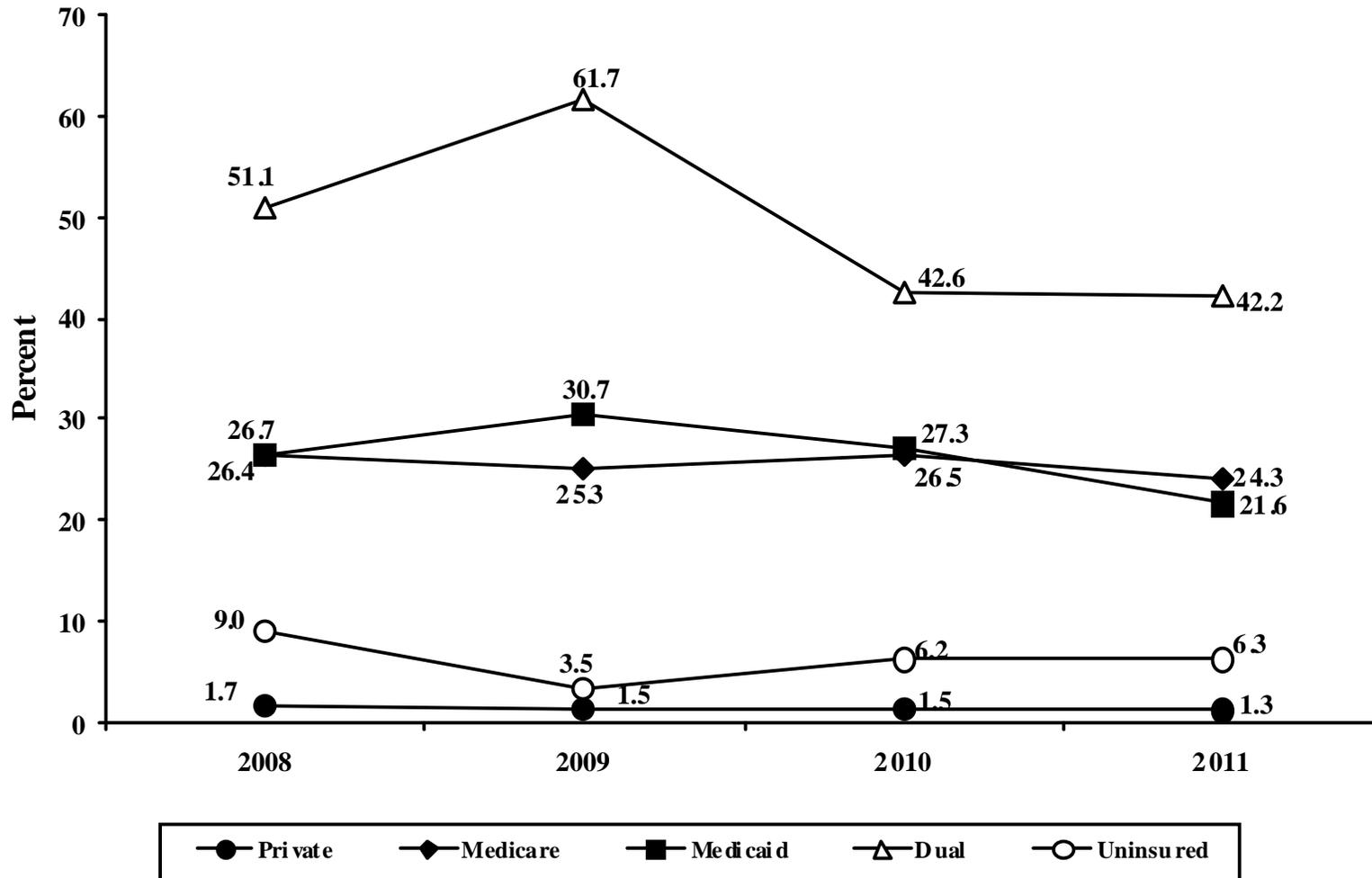
Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)
University of Minnesota, RI Medicaid Research and Evaluation Project

Figure 44: Percent of Rhode Islanders (ages 19-64) who are Hispanic by Health Insurance Coverage



Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS) University of Minnesota, RI Medicaid Research and Evaluation Project

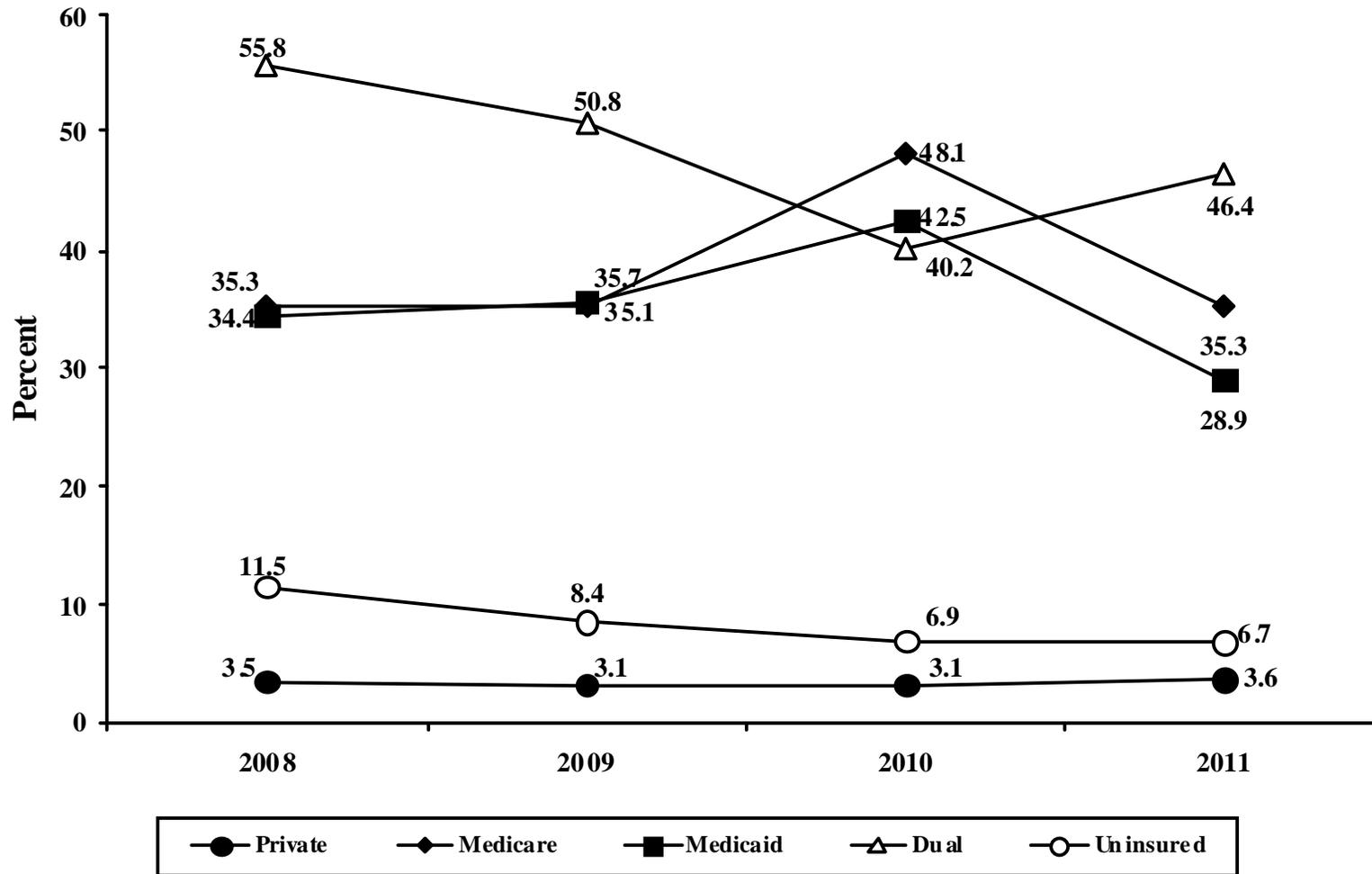
Figure 45: Percent of Rhode Islanders (ages 45-64) who have Cognitive Disability* by Health Insurance Coverage



Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)
 University of Minnesota, RI Medicaid Research and Evaluation Project

* Serious difficulty concentrating, remembering, making decisions

Figure 46: Percent of Rhode Islanders (ages 45-64) who have Ambulatory Disability* by Health Insurance Coverage

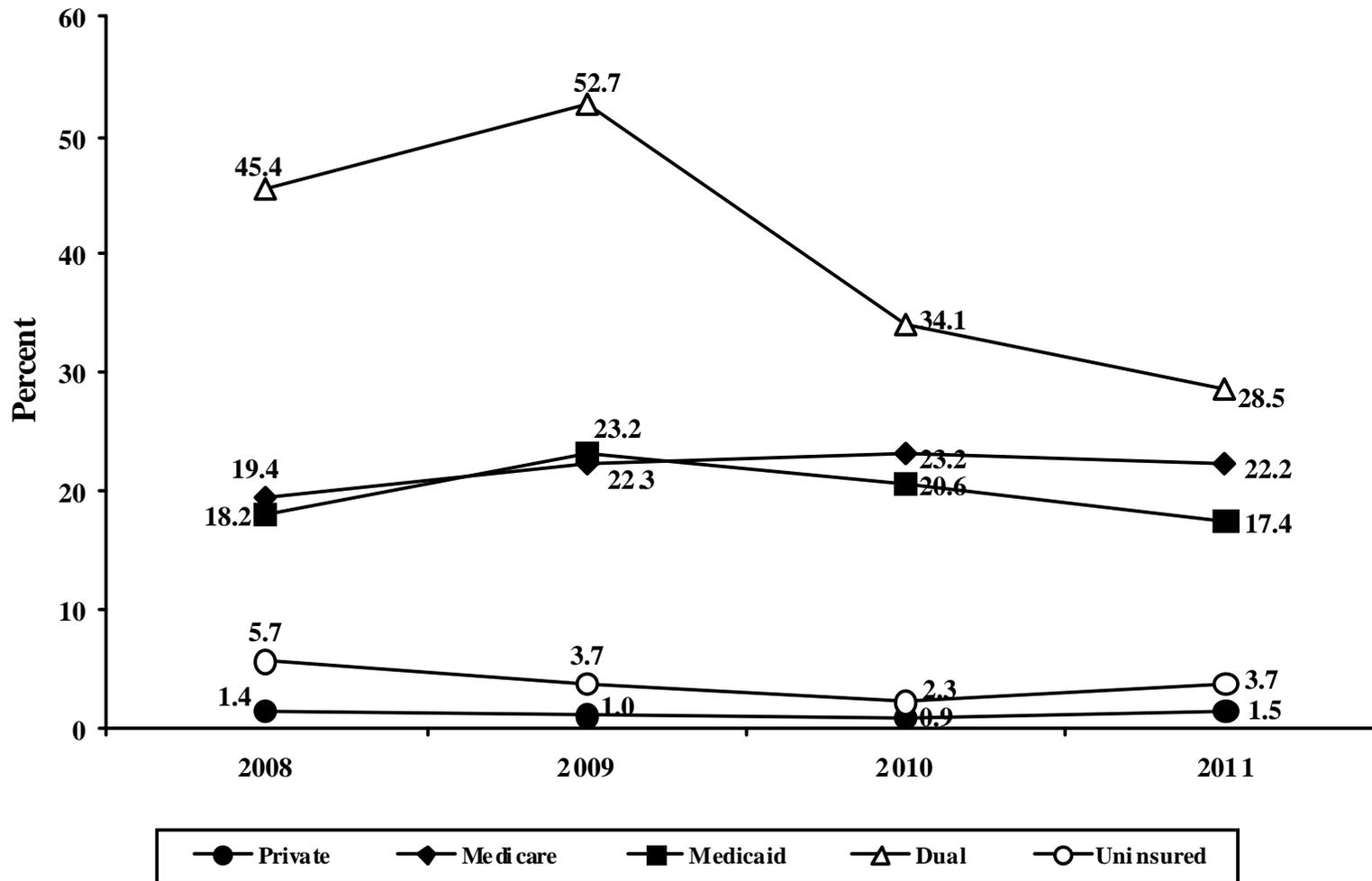


Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)

University of Minnesota, RI Medicaid Research and Evaluation Project

* Serious difficulty walking or climbing stairs

Figure 47: Percent of Rhode Islanders (ages 45-64) with Independent Living Disability* by Health Insurance Coverage

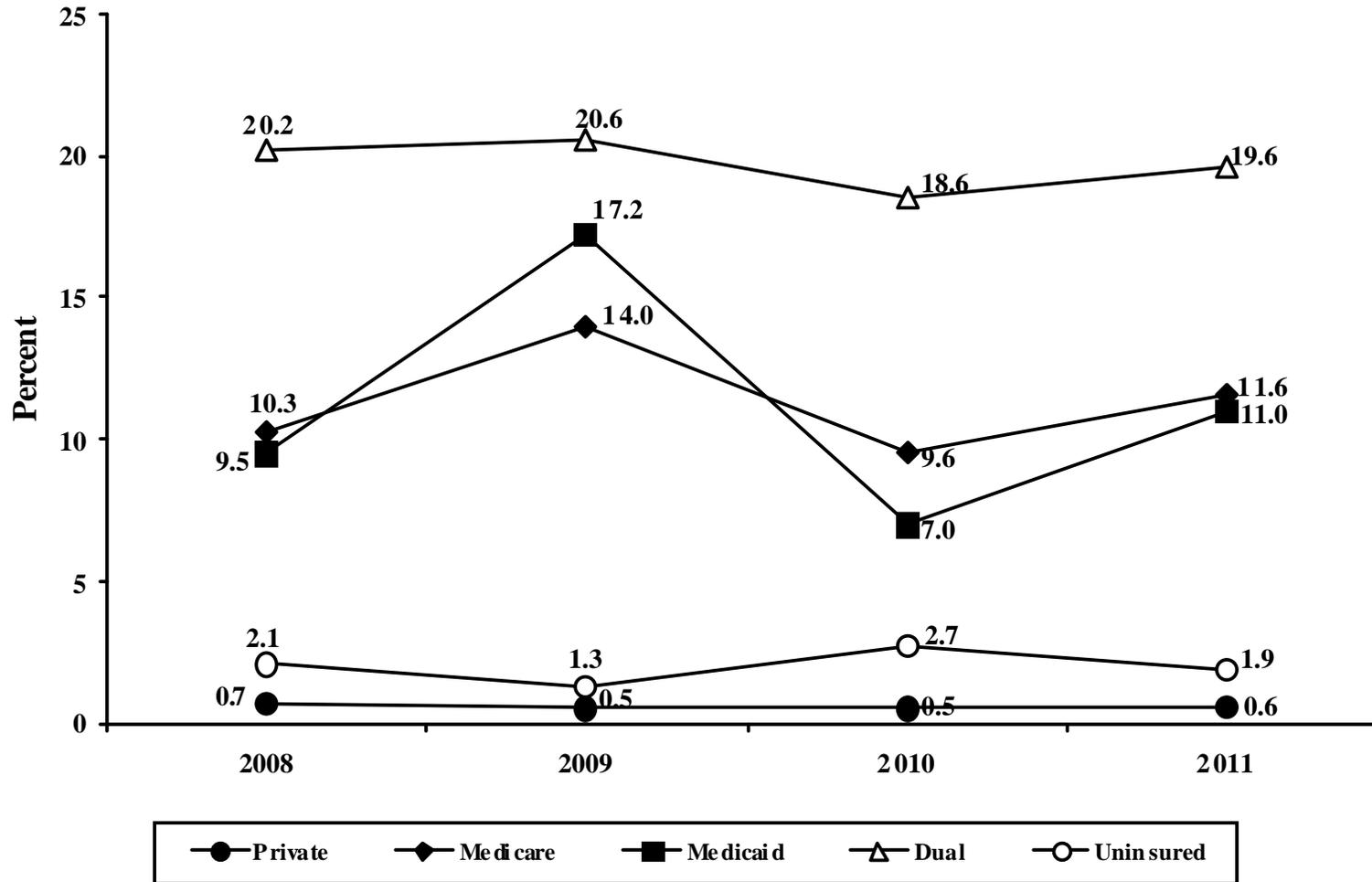


Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)

University of Minnesota, RI Medicaid Research and Evaluation Project

* Serious difficulty doing errands alone, such as going to doctor's office or shopping

Figure 48: Percent of Rhode Islanders (ages 45-64) with Self Care Disability* by Health Insurance Coverage



Data Source: American Community Survey (ACS), Census Bureau 2008-2011. Integrated Public Use Microdata Series (IPUMS)

University of Minnesota, RI Medicaid Research and Evaluation Project

* Difficulty dressing or bathing

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