

2015 MASSACHUSETTS HEALTH INSURANCE SURVEY

KEY FINDINGS

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OVERVIEW

The Massachusetts Health Insurance Survey (MHIS), conducted by the Center for Health Information and Analysis (CHIA), provides information on health insurance coverage, health care access and use and health care affordability for Massachusetts residents. The MHIS is a tool used by CHIA, legislators, policymakers, employers, insurers and other stakeholders to track and monitor the experiences of Massachusetts residents in obtaining timely and affordable health care.

In 2014, the MHIS methodology was modified to provide a better understanding of health insurance coverage in the Commonwealth. Specifically, the 2014 and 2015 MHIS used a dual-frame random digit dialing (RDD) landline and cell phone sample, with the survey completed entirely over the phone. The 2008-2011 surveys used a dual-frame landline RDD and address-based sample, with surveys completed by phone, via the Internet, and in hard copy.

While the methodology remains the same as 2014, the 2015 MHIS made a number of changes in survey content, adding questions on long-term care insurance; access to and use of nurse practitioners, physician's assistants, midwives and mental health providers; the quality of care received; and medical debt to better reflect the mission of CHIA.

BACKGROUND ON THE MHIS

The 2015 Massachusetts Health Insurance Survey (MHIS) provides information on health insurance coverage, health care access and use and health care affordability for the non-institutionalized population in Massachusetts. Detailed information is collected for one randomly selected household member (referred to as the target person in the household).

Target adults tend to respond to the survey for themselves, while a proxy, generally a parent, responds for a target child. The data reported here are for the household target person. For simplicity, we refer to the target person as the respondent in discussing survey findings.

The survey is conducted in English and Spanish and its average completion time was 23 minutes in 2015. The 2015 MHIS was fielded between May 18 and August 2 2015. Surveys were completed with 5,002 Massachusetts households, collecting data on 5,002 target persons, including 621 children aged 0 to 18, 3,057 non-elderly adults aged 19 to 64, and 1,324 elderly adults aged 65 and older.

The overall response rate for the 2015 MHIS was 24.6 percent, combining the response rate of 22.1 percent for the landline telephone sample and the 29.5 percent for the cell phone sample. All estimates based on the survey are prepared using weights that adjust for the complex survey design, for undercoverage, and for survey nonresponse.

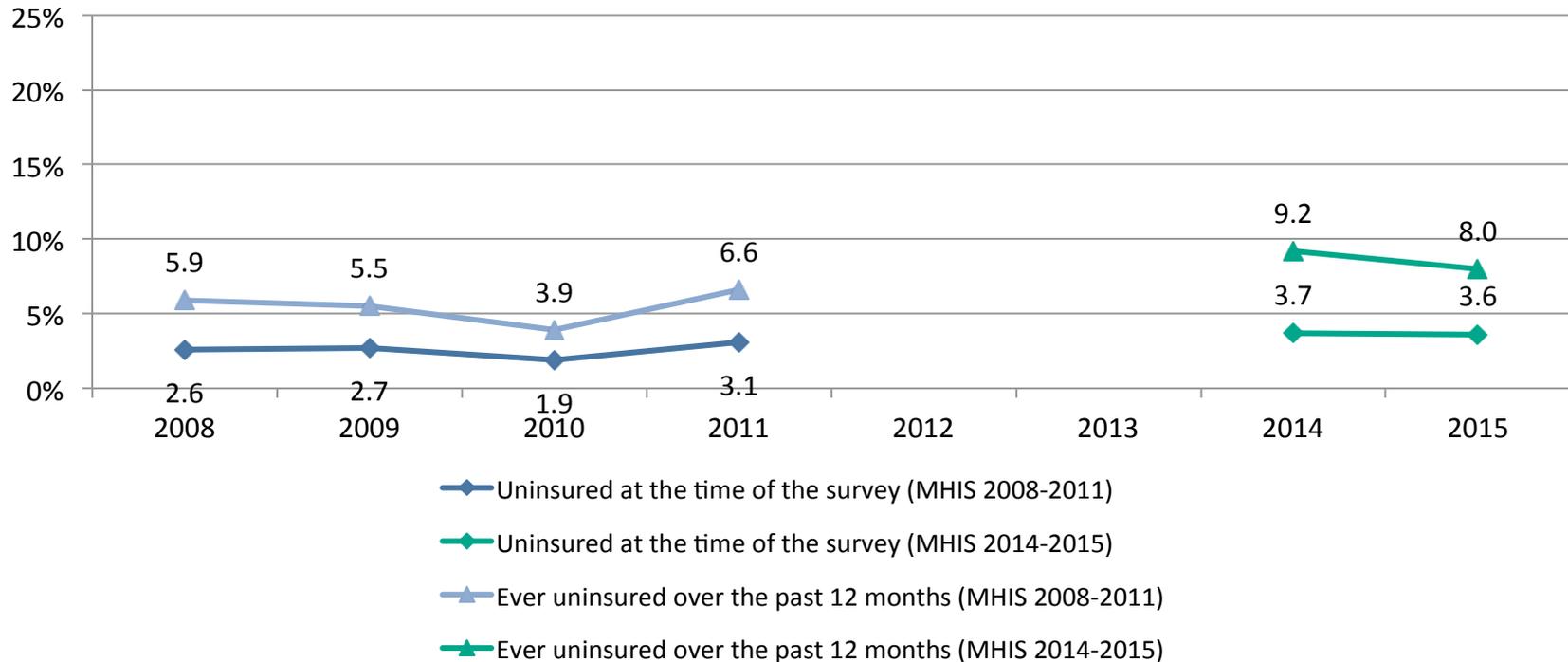
Additional information about the MHIS is available in the MHIS Methodology Report.

1. HEALTH INSURANCE COVERAGE AND UNINSURANCE



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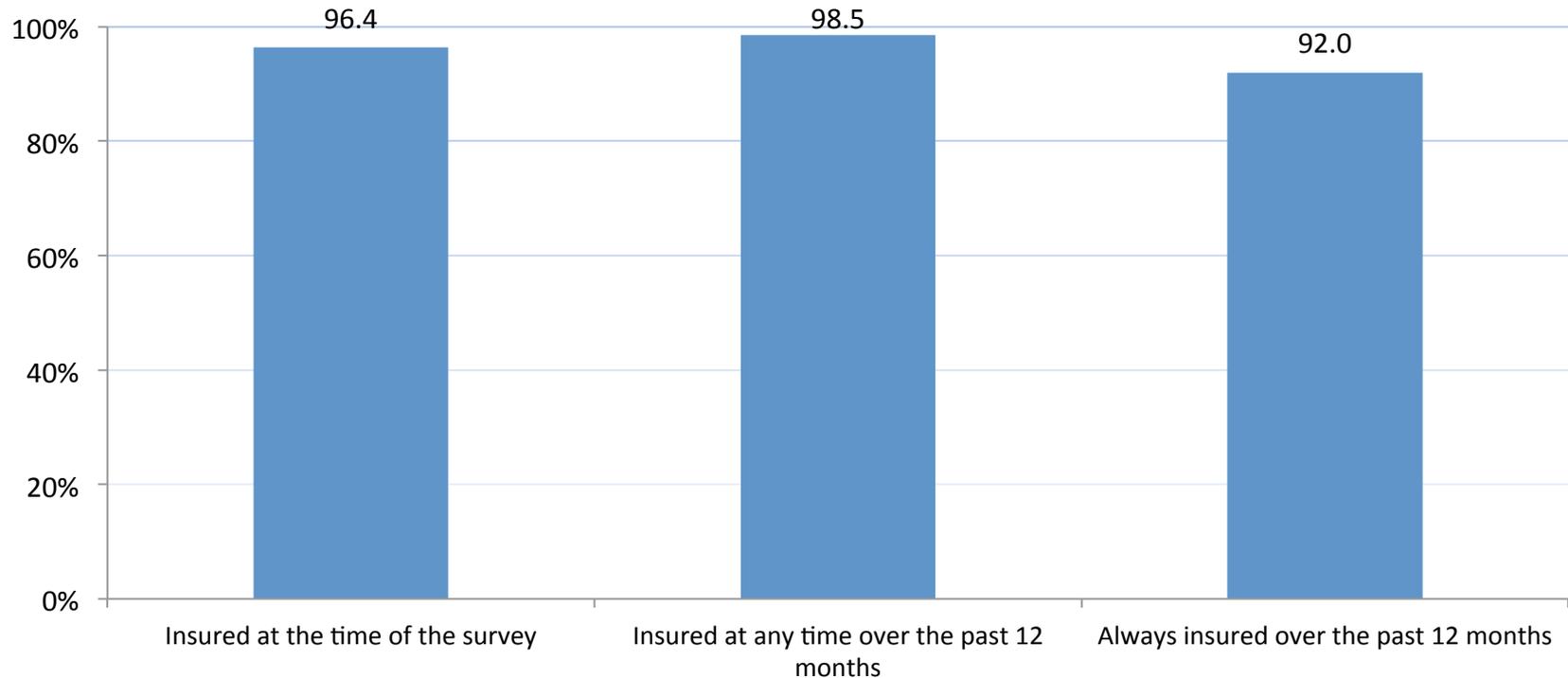
Uninsurance Rate in Massachusetts in 2008-2011, 2014 and 2015



Note: Due to a change in survey design for the MHIS in 2014, estimates for 2014 and 2015 are not directly comparable to estimates for 2008-2011.

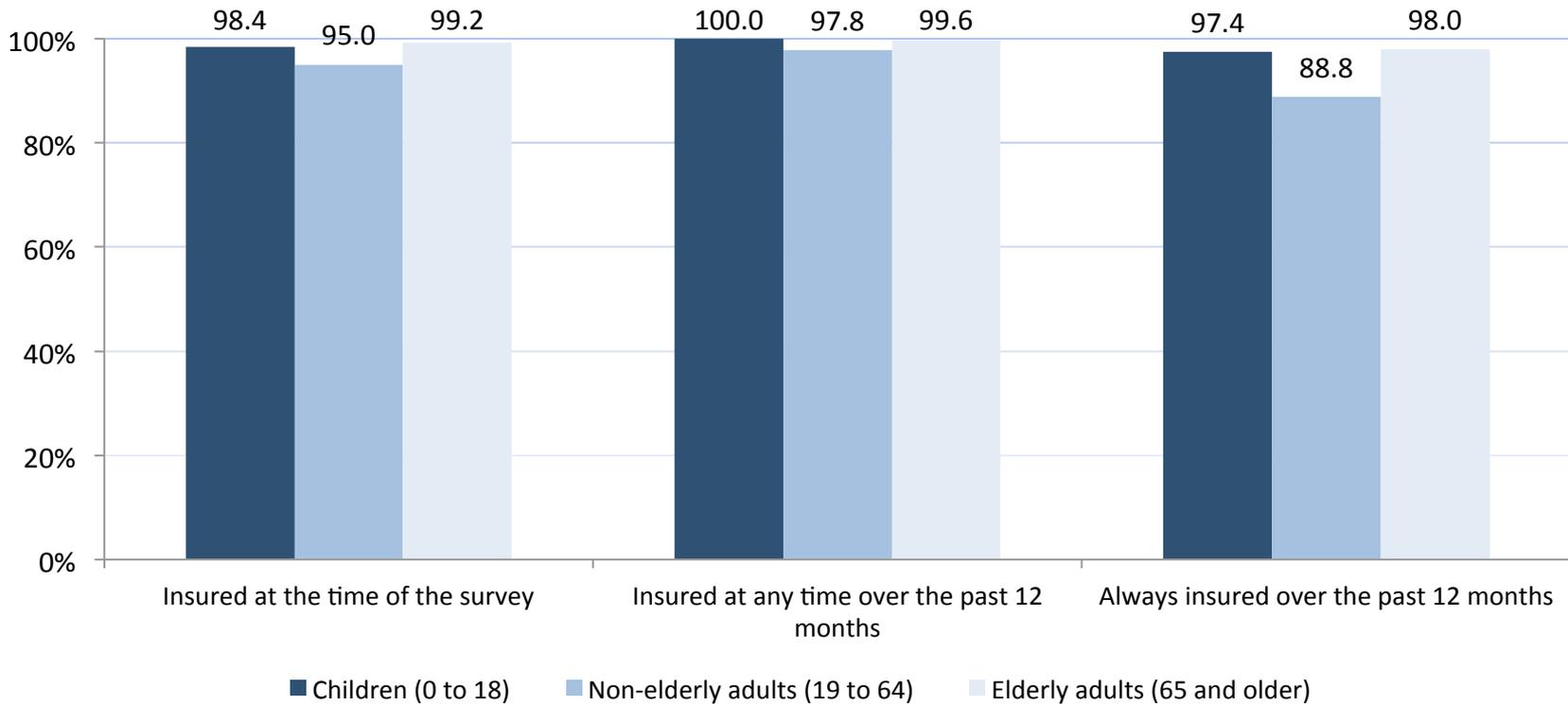
Source: 2008-2011, 2014, 2015 Massachusetts Health Insurance Survey

Health Insurance Coverage in Massachusetts in 2015



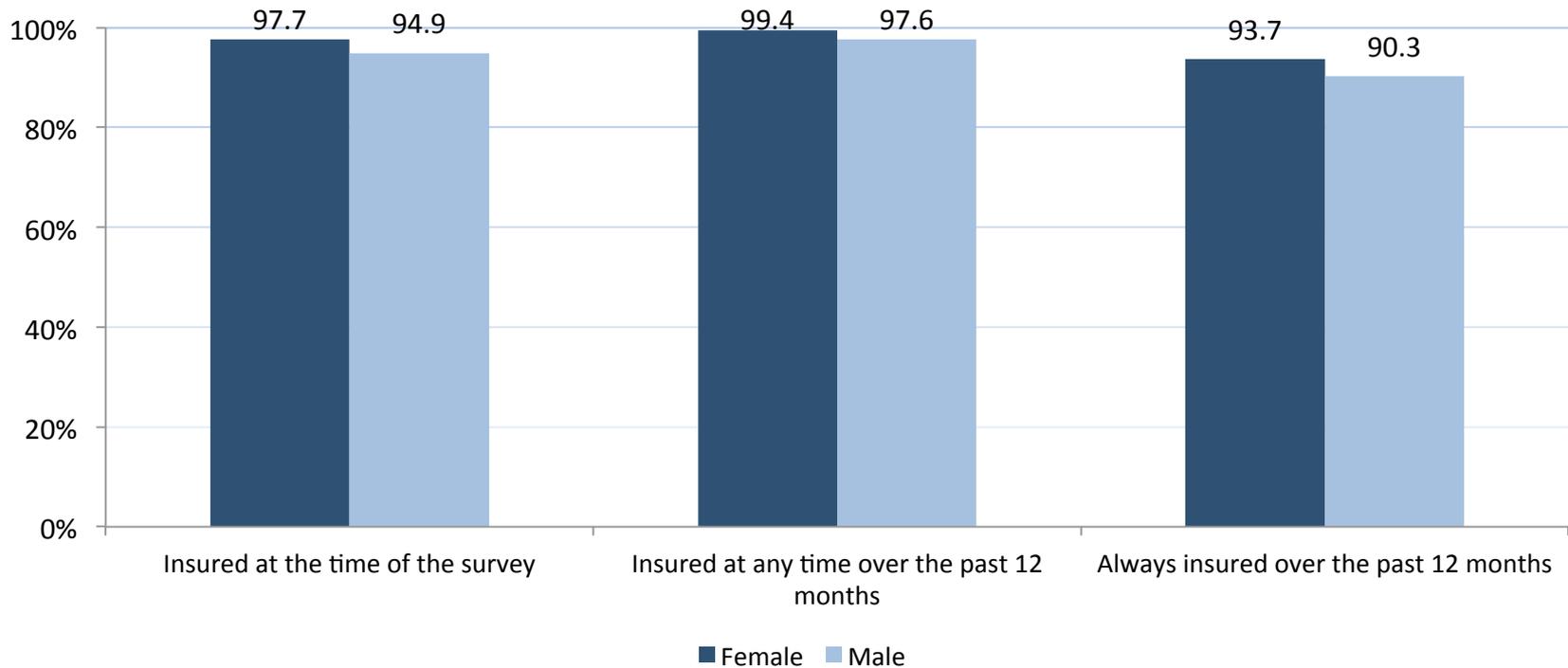
Source: 2015 Massachusetts Health Insurance Survey

Health Insurance Coverage in Massachusetts in 2015, by Age Group



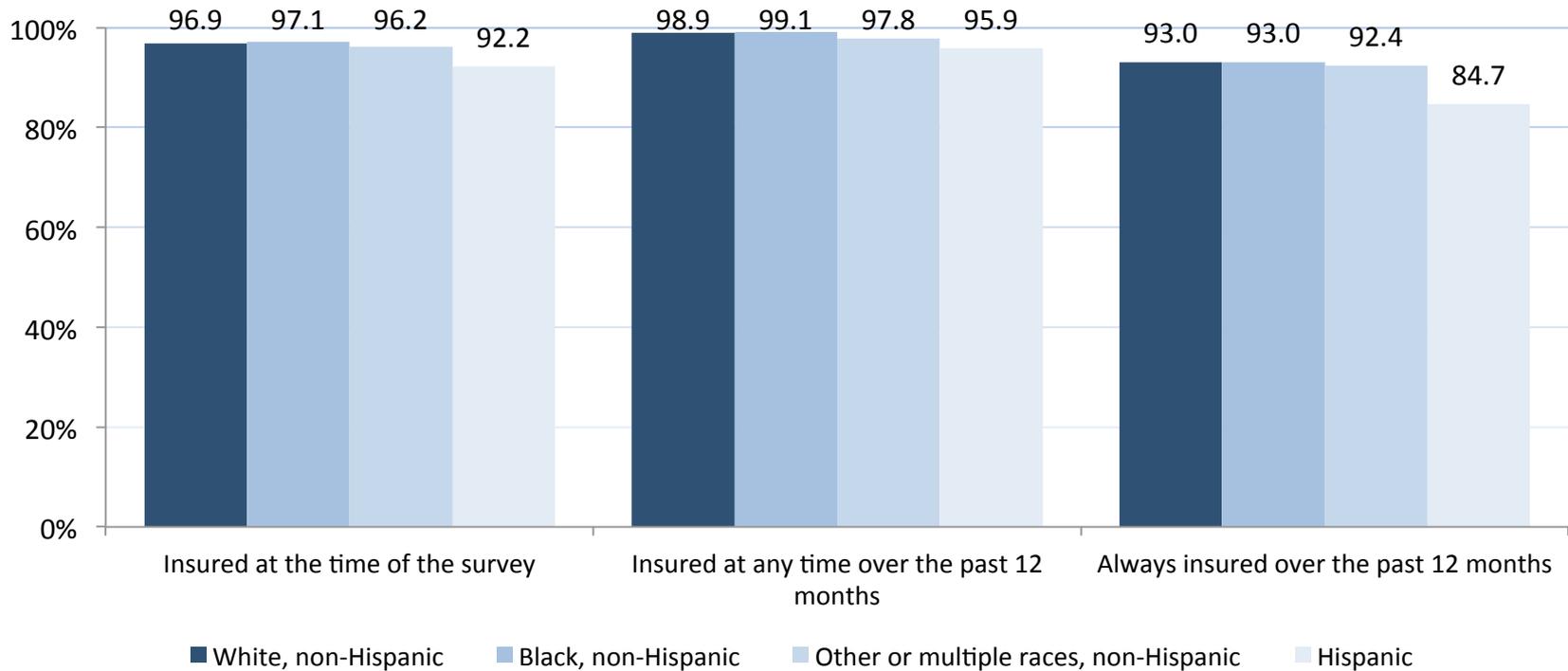
Source: 2015 Massachusetts Health Insurance Survey

Health Insurance Coverage in Massachusetts in 2015, by Gender



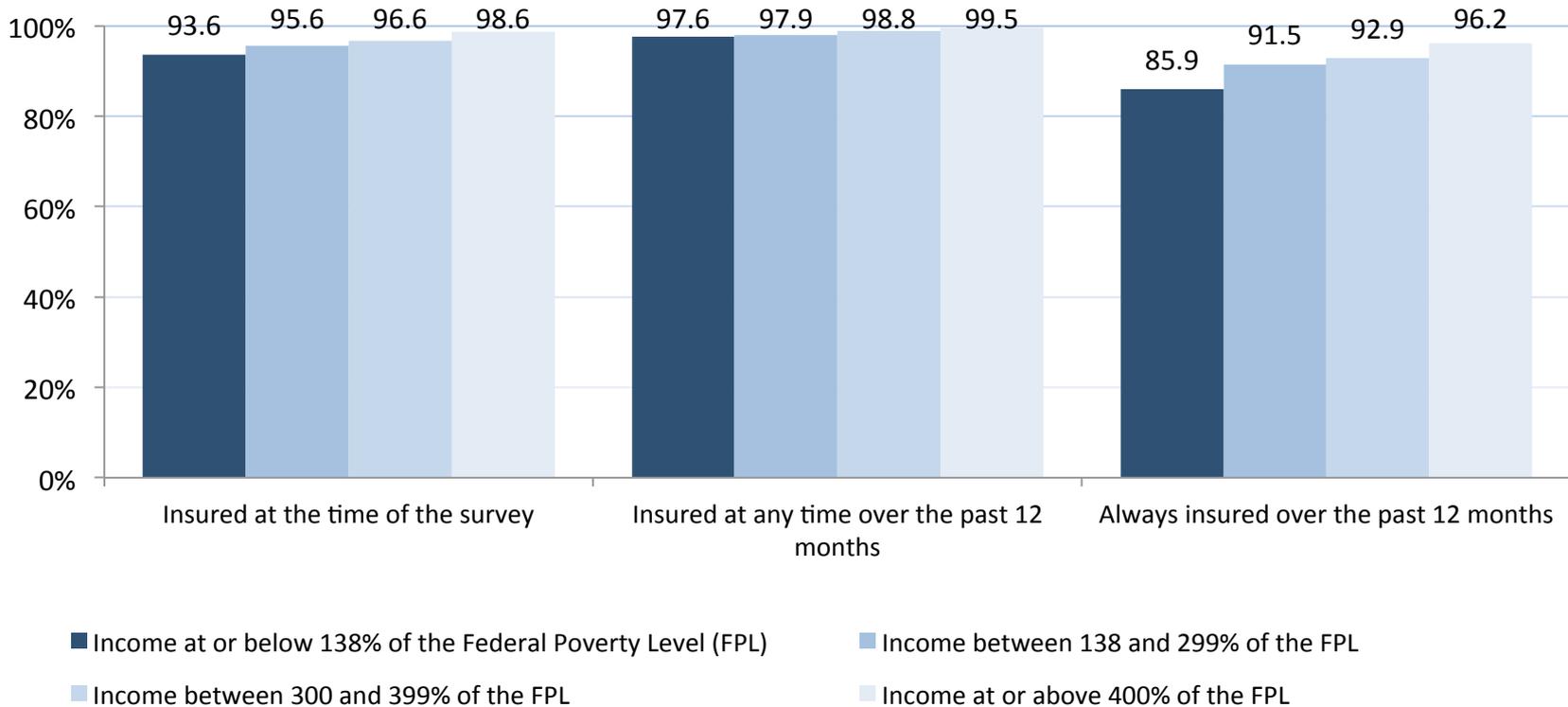
Source: 2015 Massachusetts Health Insurance Survey

Health Insurance Coverage in Massachusetts in 2015, by Race/Ethnicity



Source: 2015 Massachusetts Health Insurance Survey

Health Insurance Coverage in Massachusetts in 2015, by Family Income



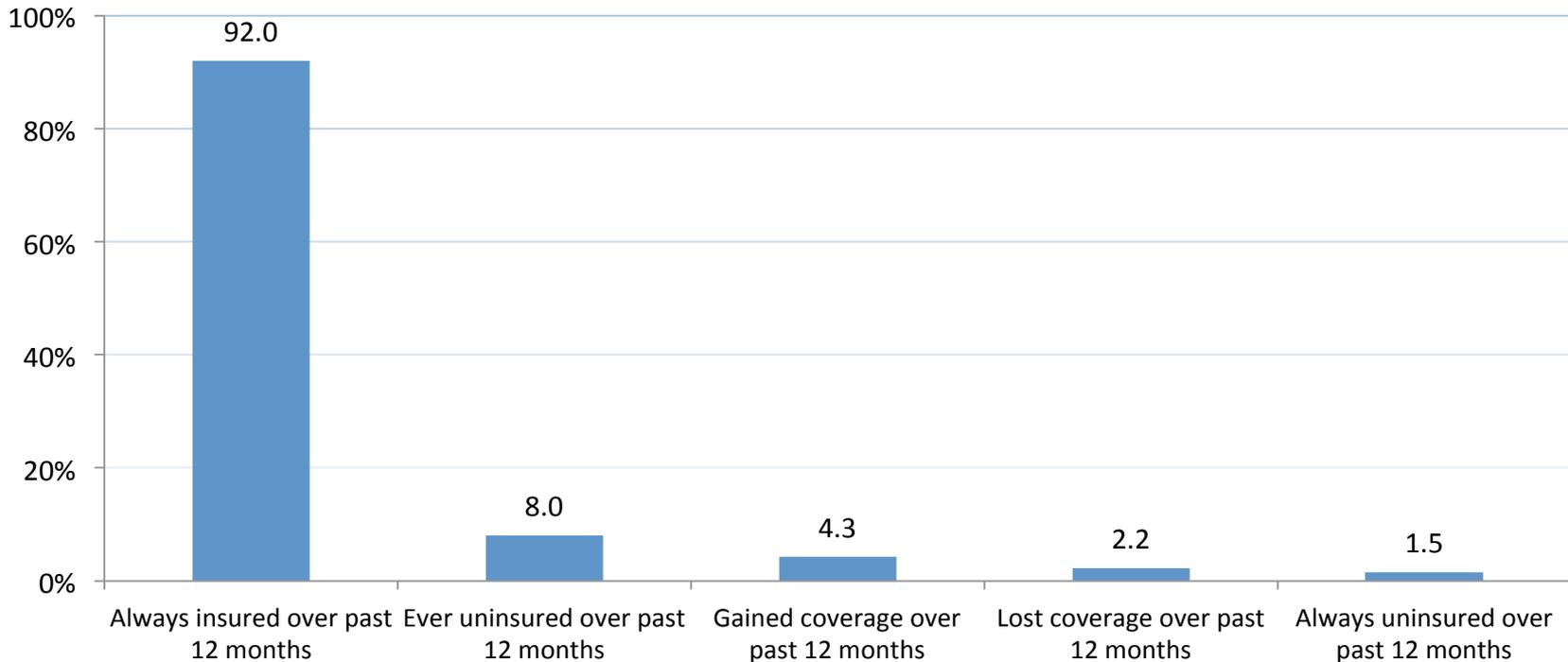
Source: 2015 Massachusetts Health Insurance Survey

Health Insurance Coverage in Massachusetts in 2015, by Region

	Insured at the time of the survey (%)	Insured at any time over the past 12 months (%)	Always insured over the past 12 months (%)
Western MA	94.2	97.7	91.1
Central MA	95.8	97.6	92.9
Northeast MA	98.3	99.5	94.2
Metro West	98.7	99.7	93.6
Metro Boston	96.1	98.2	90.8
Metro South	93.9	98.1	90.9
Southcoast	96.4	98.1	90.6
Cape and Islands	97.5	99.4	89.6

Source: 2015 Massachusetts Health Insurance Survey

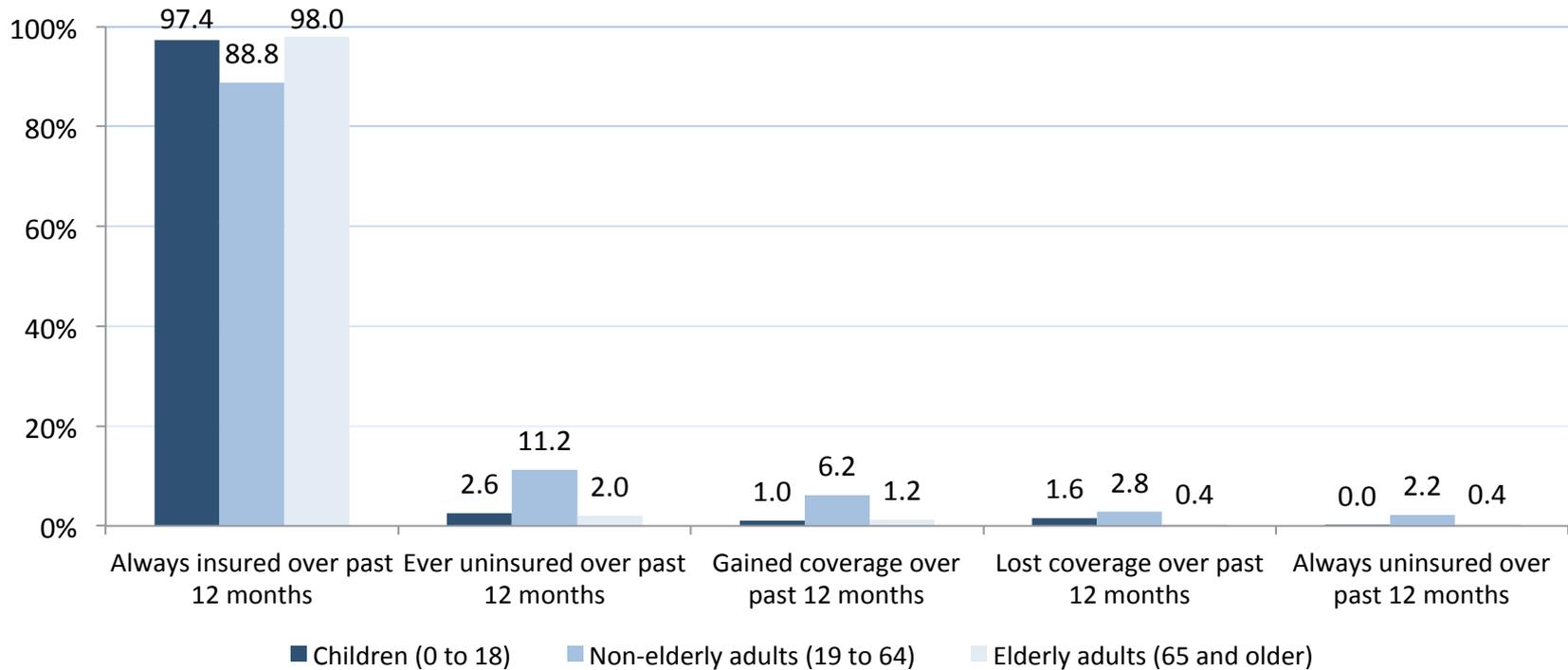
Transitions in Health Insurance Coverage in Massachusetts in 2015



Note: The categories listed in this figure are not mutually exclusive. The group “Ever uninsured over past 12 months” includes those always uninsured over the past 12 months, gaining coverage over the past 12 months, and losing coverage over the past 12 months.

Source: 2015 Massachusetts Health Insurance Survey

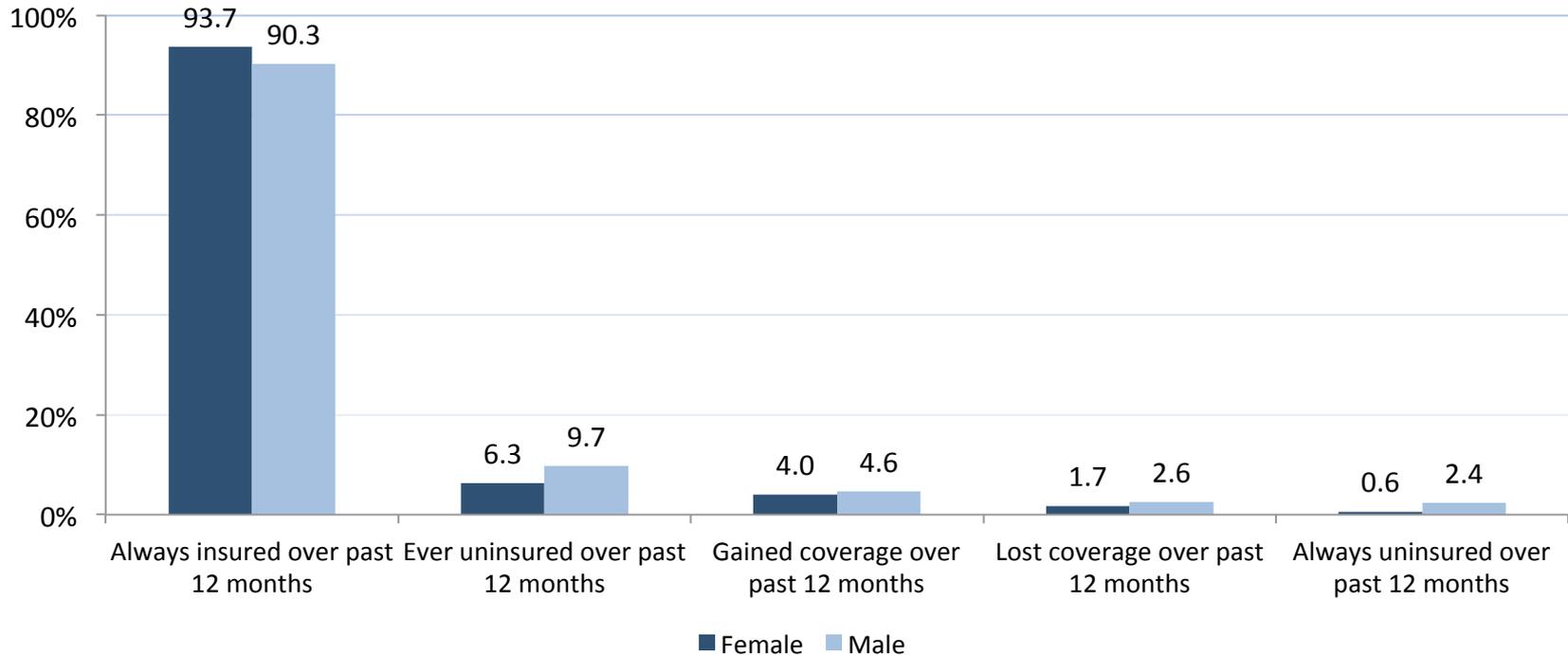
Transitions in Health Insurance Coverage in Massachusetts in 2015, by Age Group



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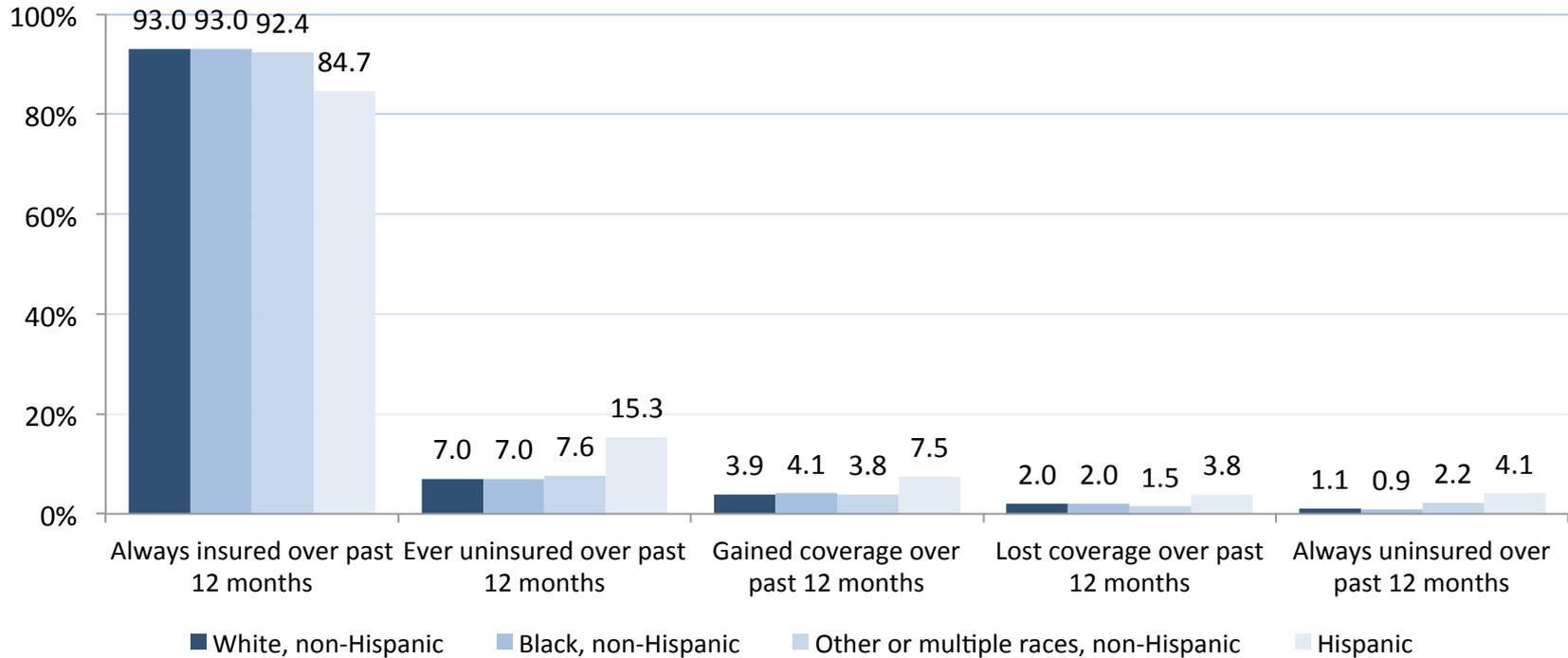
Transitions in Health Insurance Coverage in Massachusetts in 2015, by Gender



Note: The categories listed in this figure are not mutually exclusive. The group “Ever uninsured over past 12 months” includes those always uninsured over the past 12 months, gaining coverage over the past 12 months, and losing coverage over the past 12 months.

Source: 2015 Massachusetts Health Insurance Survey

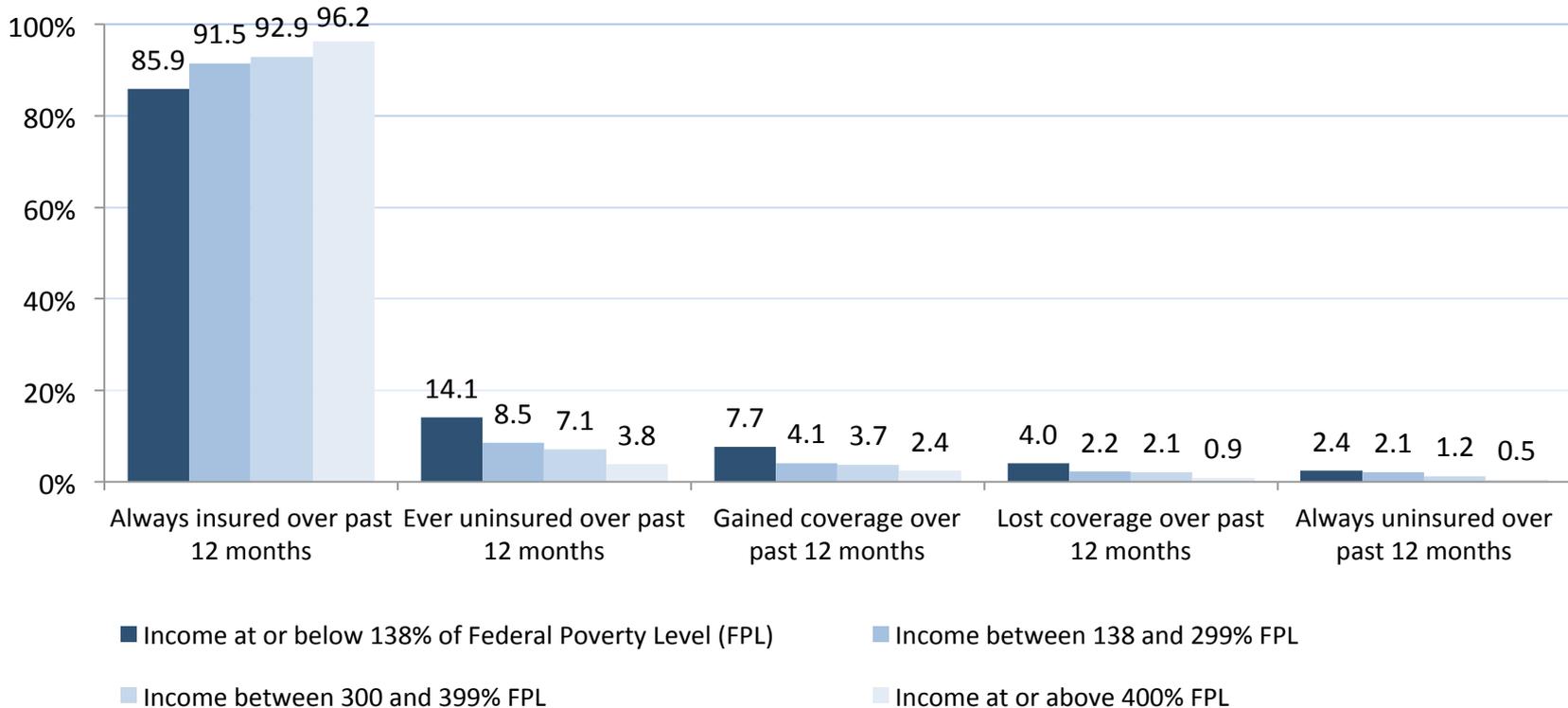
Transitions in Health Insurance Coverage in Massachusetts in 2015, by Race and Ethnicity



Note: The categories listed in this figure are not mutually exclusive. The group “Ever uninsured over past 12 months” includes those always uninsured over the past 12 months, gaining coverage over the past 12 months, and losing coverage over the past 12 months.

Source: 2015 Massachusetts Health Insurance Survey

Transitions in Health Insurance Coverage in Massachusetts in 2015, by Family Income



Note: The categories listed in this figure are not mutually exclusive. The group “Ever uninsured over past 12 months” includes those always uninsured over the past 12 months, gaining coverage over the past 12 months, and losing coverage over the past 12 months.

Source: 2015 Massachusetts Health Insurance Survey

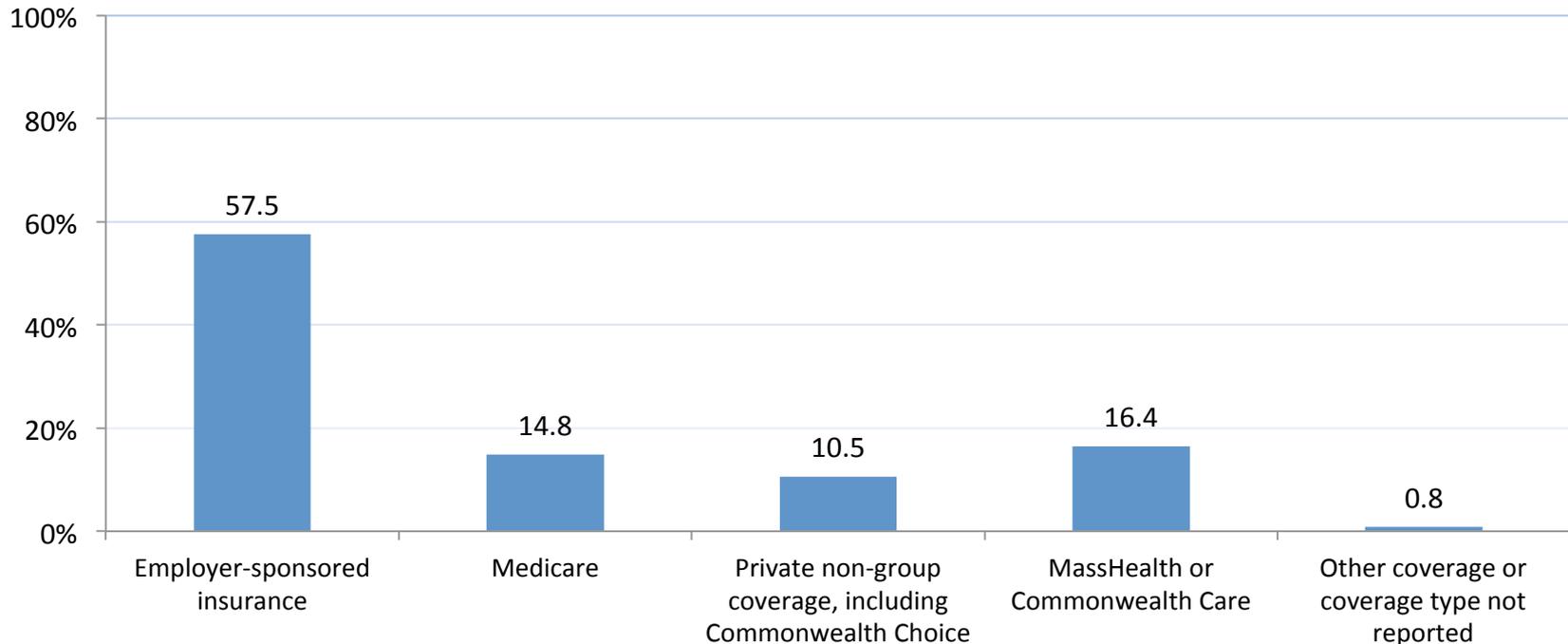
Transitions in Health Insurance Coverage in Massachusetts in 2015, by Region

	Always insured over the past 12 months (%)	Ever uninsured over the past 12 months (%)	Gained coverage over the past 12 months (%)	Lost coverage over the past 12 months (%)	Always uninsured over the past 12 months (%)
Western MA	91.1	8.9	3.1	3.4	2.3
Central MA	92.9	7.1	2.9	1.8	2.4
Northeast MA	94.2	5.8	4.1	1.2	0.5
Metro West	93.6	6.4	5.1	1.0	0.3
Metro Boston	90.8	9.2	5.3	2.1	1.8
Metro South	90.9	9.1	3.0	4.2	1.9
Southcoast	90.6	9.4	5.7	1.7	1.9
Cape and Islands	89.6	10.4	7.9	1.8	0.6

Note: The categories listed in this figure are not mutually exclusive. The group “Ever uninsured over past 12 months” includes those always uninsured over the past 12 months, gaining coverage over the past 12 months, and losing coverage over the past 12 months.

Source: 2015 Massachusetts Health Insurance Survey

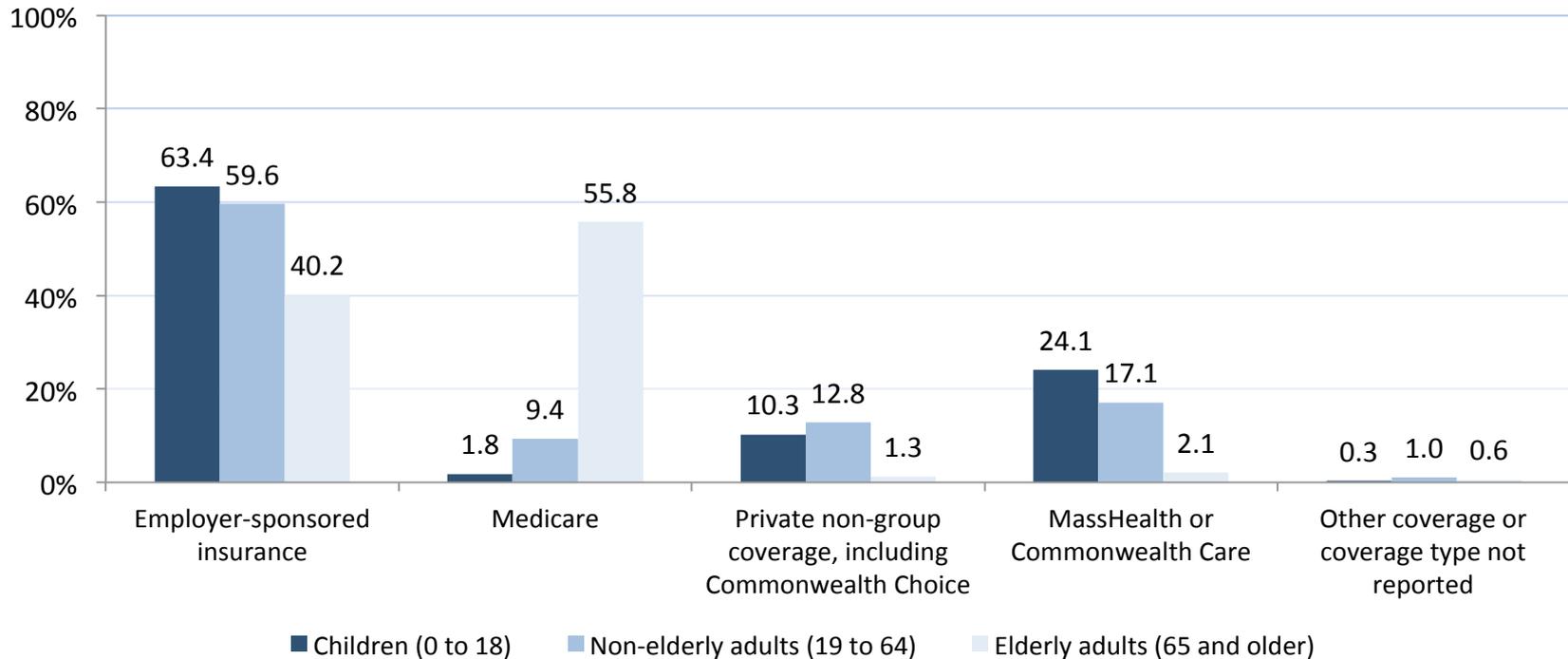
Health Insurance Coverage among Insured Respondents in Massachusetts in 2015



Notes: Respondents were assigned a single coverage type based on the following hierarchy: employer-sponsored insurance; Medicare; private non-group coverage including Commonwealth Choice; MassHealth or Commonwealth Care; and other coverage. Medicare coverage estimates include Railroad Retirement board coverage. MassHealth or Commonwealth Care includes temporary coverage while the respondent's application for coverage from the Health Connector or MassHealth is being processed. Estimates may not sum to 100% due to rounding. It is important to remember that survey respondents often have difficulty reporting type of insurance coverage correctly.

Source: 2015 Massachusetts Health Insurance Survey

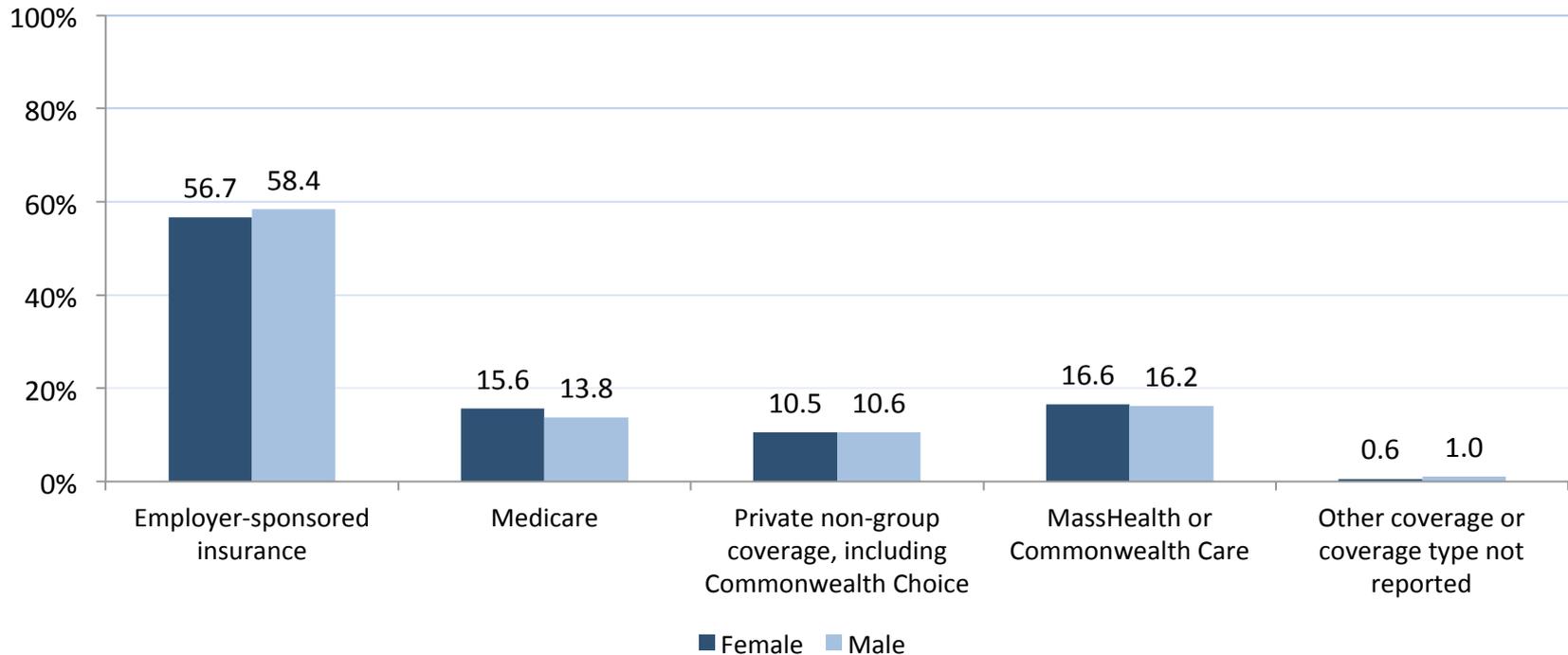
Health Insurance Coverage among Insured Respondents in Massachusetts in 2015, by Age Group



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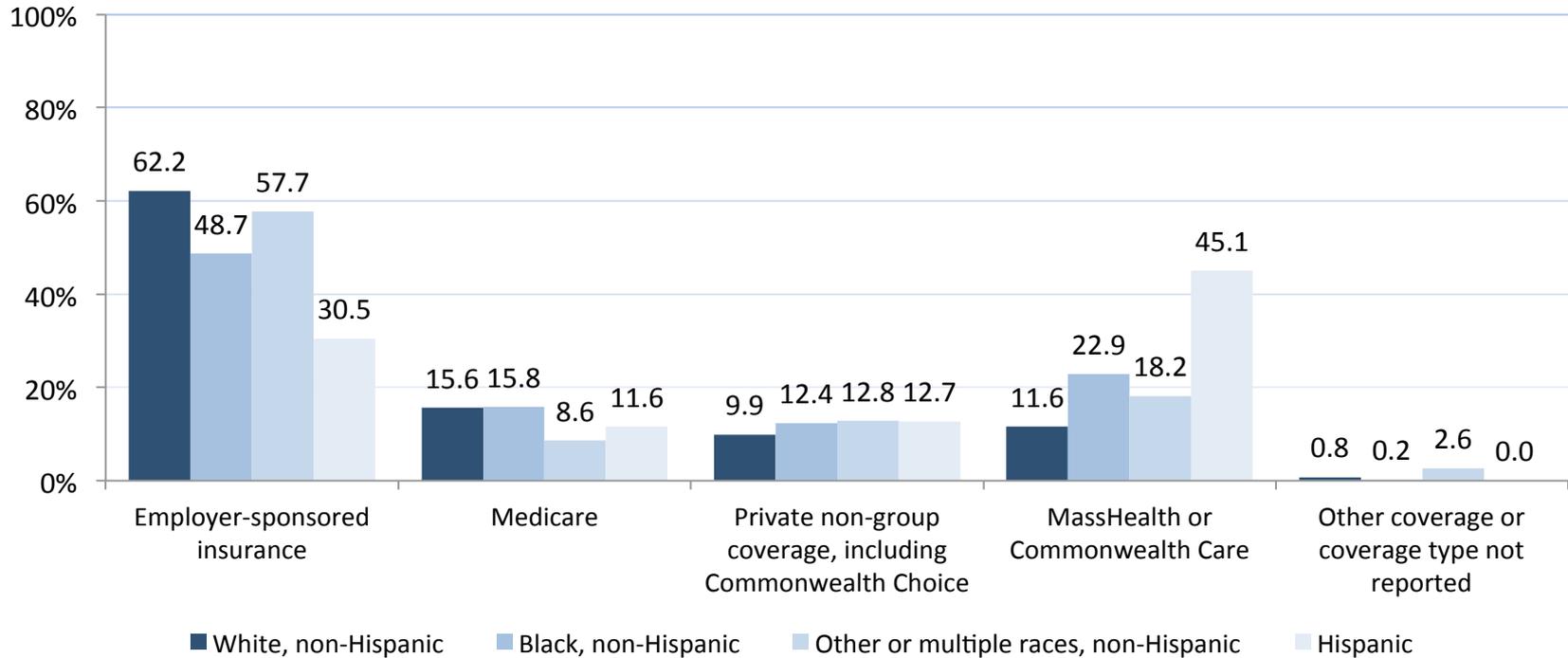
Health Insurance Coverage among Insured Respondents in Massachusetts in 2015, by Gender



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Source: 2015 Massachusetts Health Insurance Survey

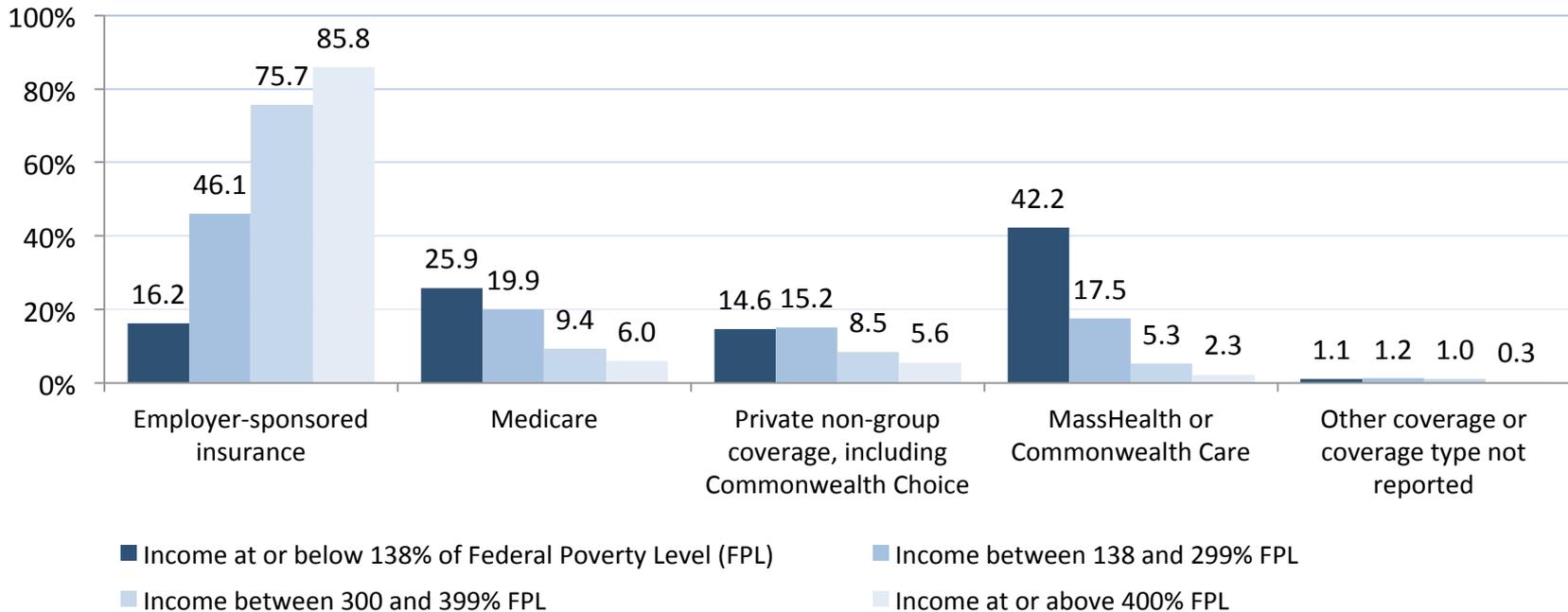
Health Insurance Coverage among Insured Respondents in Massachusetts in 2015, by Race and Ethnicity



Notes: Respondents were assigned a single coverage type based on the following hierarchy: employer-sponsored insurance; Medicare; private non-group coverage including Commonwealth Choice; MassHealth or Commonwealth Care; and other coverage. Medicare coverage estimates include Railroad Retirement board coverage. MassHealth or Commonwealth Care includes temporary coverage while the respondent's application for coverage from the Health Connector or MassHealth is being processed. Estimates may not sum to 100% due to rounding. It is important to remember that survey respondents often have difficulty reporting type of insurance coverage correctly.

Source: 2015 Massachusetts Health Insurance Survey

Health Insurance Coverage among Insured Respondents in Massachusetts in 2015, by Family Income



Notes: Respondents were assigned a single coverage type based on the following hierarchy: employer-sponsored insurance; Medicare; private non-group coverage including Commonwealth Choice; MassHealth or Commonwealth Care; and other coverage. Medicare coverage estimates include Railroad Retirement board coverage. MassHealth or Commonwealth Care includes temporary coverage while the respondent's application for coverage from the Health Connector or MassHealth is being processed. Estimates may not sum to 100% due to rounding. It is important to remember that survey respondents often have difficulty reporting type of insurance coverage correctly.

Source: 2015 Massachusetts Health Insurance Survey

Health Insurance Coverage among Insured Respondents in Massachusetts in 2015, by Region

	Employer-sponsored insurance (%)	Medicare (%)	Private non-group coverage, including Commonwealth Choice (%)	MassHealth or Commonwealth Care (%)	Other coverage or coverage type not reported (%)
Western MA	50.8	18.4	13.7	16.0	1.1
Central MA	54.5	19.1	7.1	18.2	1.1
Northeast MA	58.1	12.9	13.3	15.0	0.7
Metro West	65.7	12.9	10.6	10.6	0.2
Metro Boston	61.8	10.7	8.5	18.8	0.3
Metro South	62.0	14.2	8.7	14.3	0.7
Southcoast	40.8	21.6	6.4	27.7	3.6
Cape and Islands	43.4	24.1	18.8	12.2	1.5

Notes: Respondents were assigned a single coverage type based on the following hierarchy: employer-sponsored insurance; Medicare; private non-group coverage including Commonwealth Choice; MassHealth or Commonwealth Care; and other coverage. Medicare coverage estimates include Railroad Retirement board coverage. MassHealth or Commonwealth Care includes temporary coverage while the respondent's application for coverage from the Health Connector or MassHealth is being processed. Estimates may not sum to 100% due to rounding. It is important to remember that survey respondents often have difficulty reporting type of insurance coverage correctly.

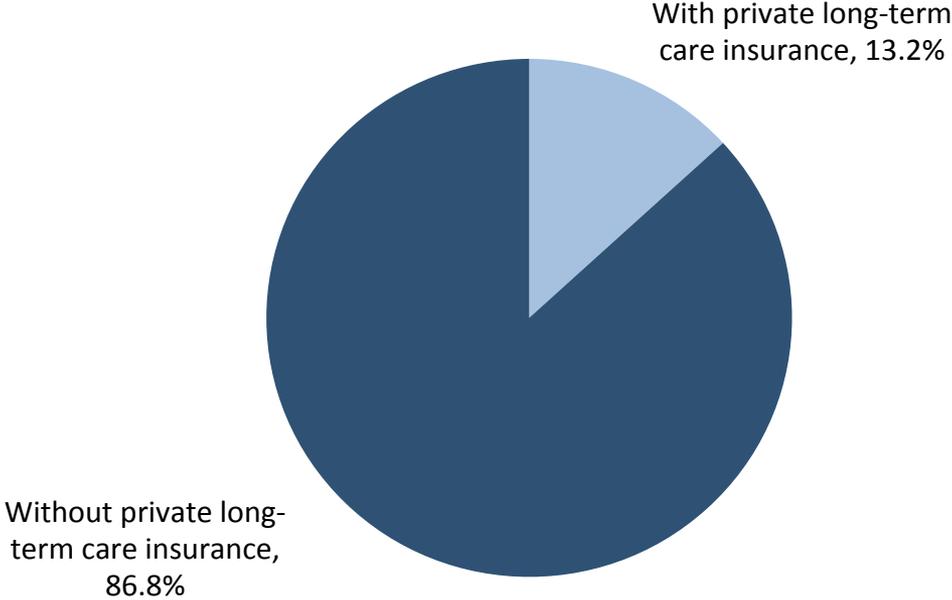
Source: 2015 Massachusetts Health Insurance Survey

2. PRIVATE LONG-TERM CARE INSURANCE



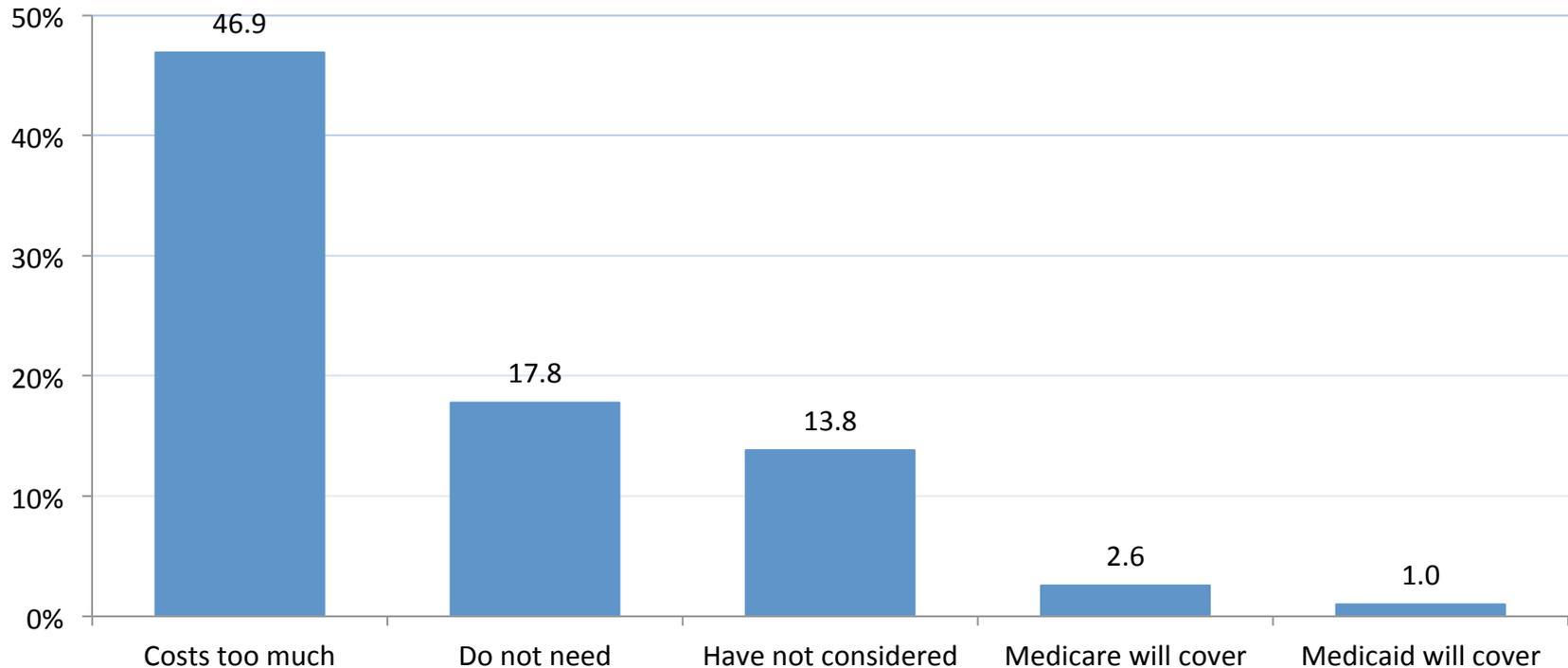
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Private Long-Term Care Insurance Among Adults 50 and Older in 2015



Source: 2015 Massachusetts Health Insurance Survey

Among Adults 50 and Older Without Private Long-Term Care Insurance in 2015, Reasons for Not Having Coverage



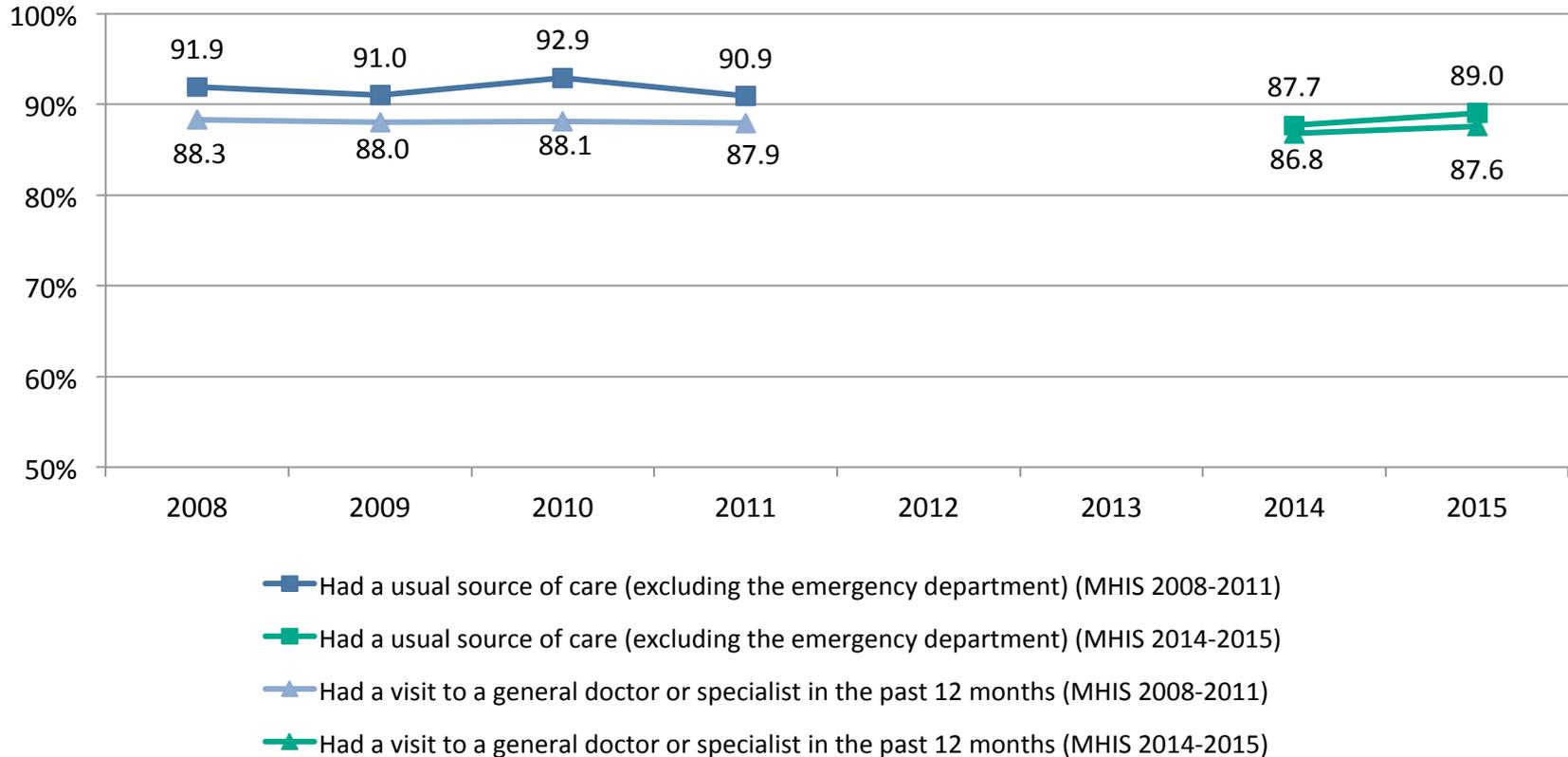
Source: 2015 Massachusetts Health Insurance Survey

3. HEALTH CARE ACCESS AND USE



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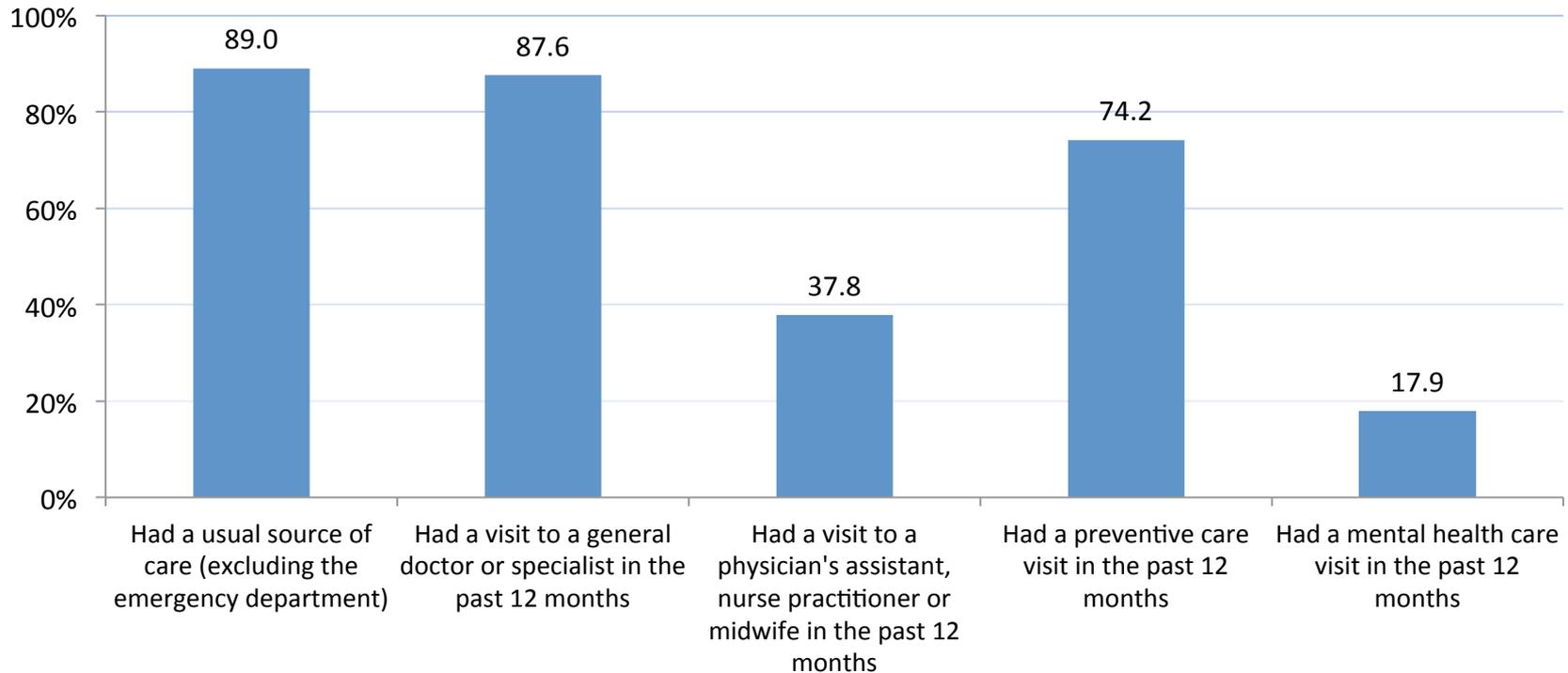
Health Care Access and Use in Massachusetts in 2008-2011, 2014 and 2015



Note: Due to a change in survey design for the MHIS in 2014, Massachusetts estimates for 2014 and 2015 are not directly comparable to estimates for 2008-2011.

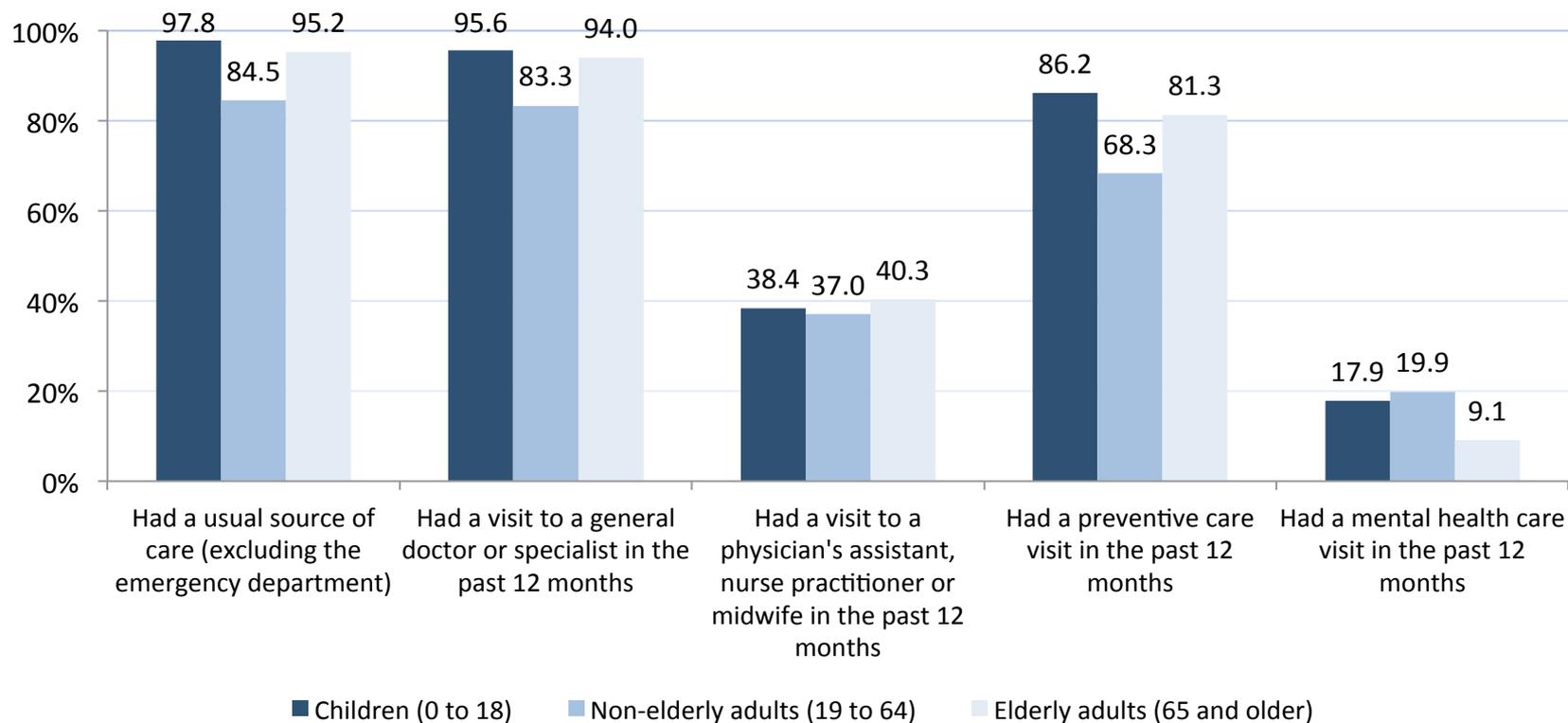
Source: 2008-2011, 2014, 2015 Massachusetts Health Insurance Survey

Health Care Access and Use in Massachusetts in 2015



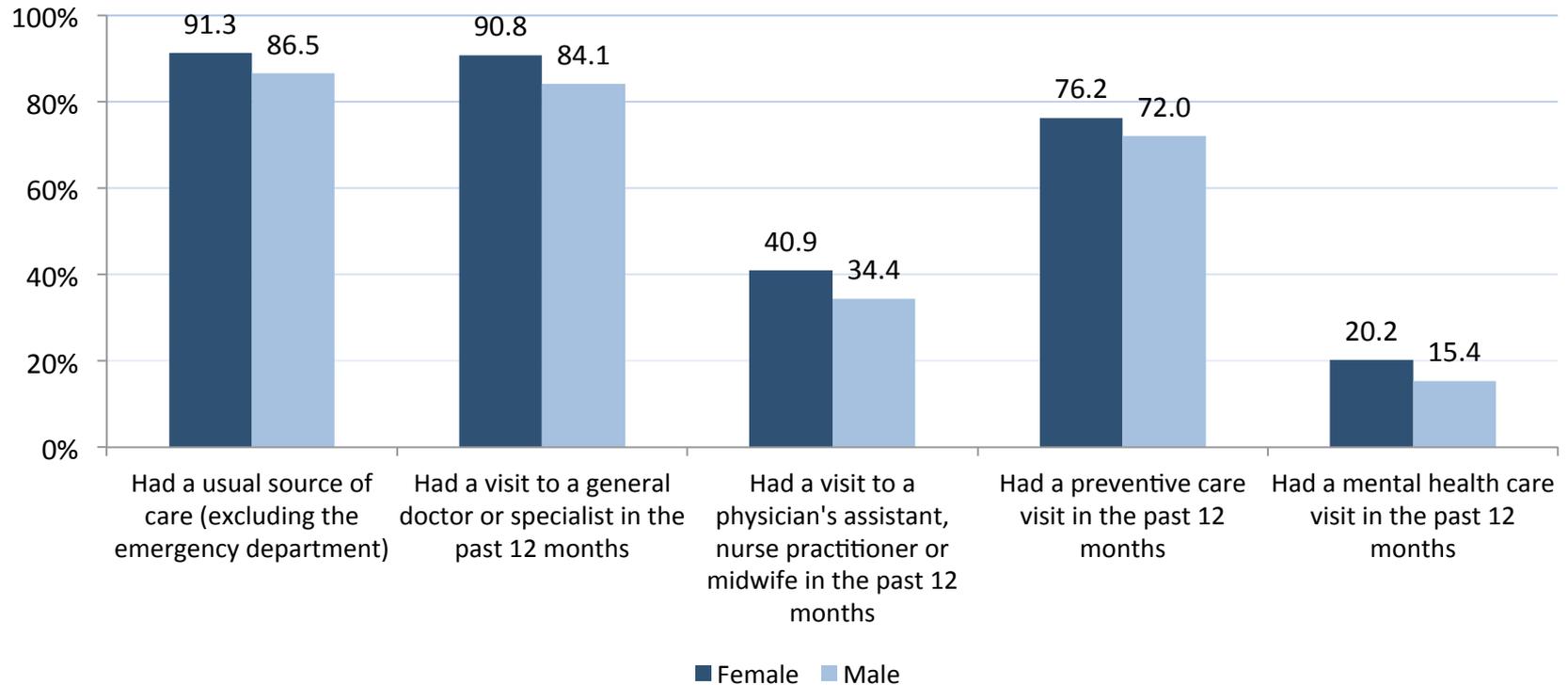
Source: 2015 Massachusetts Health Insurance Survey

Health Care Access and Use in Massachusetts in 2015, by Age Group



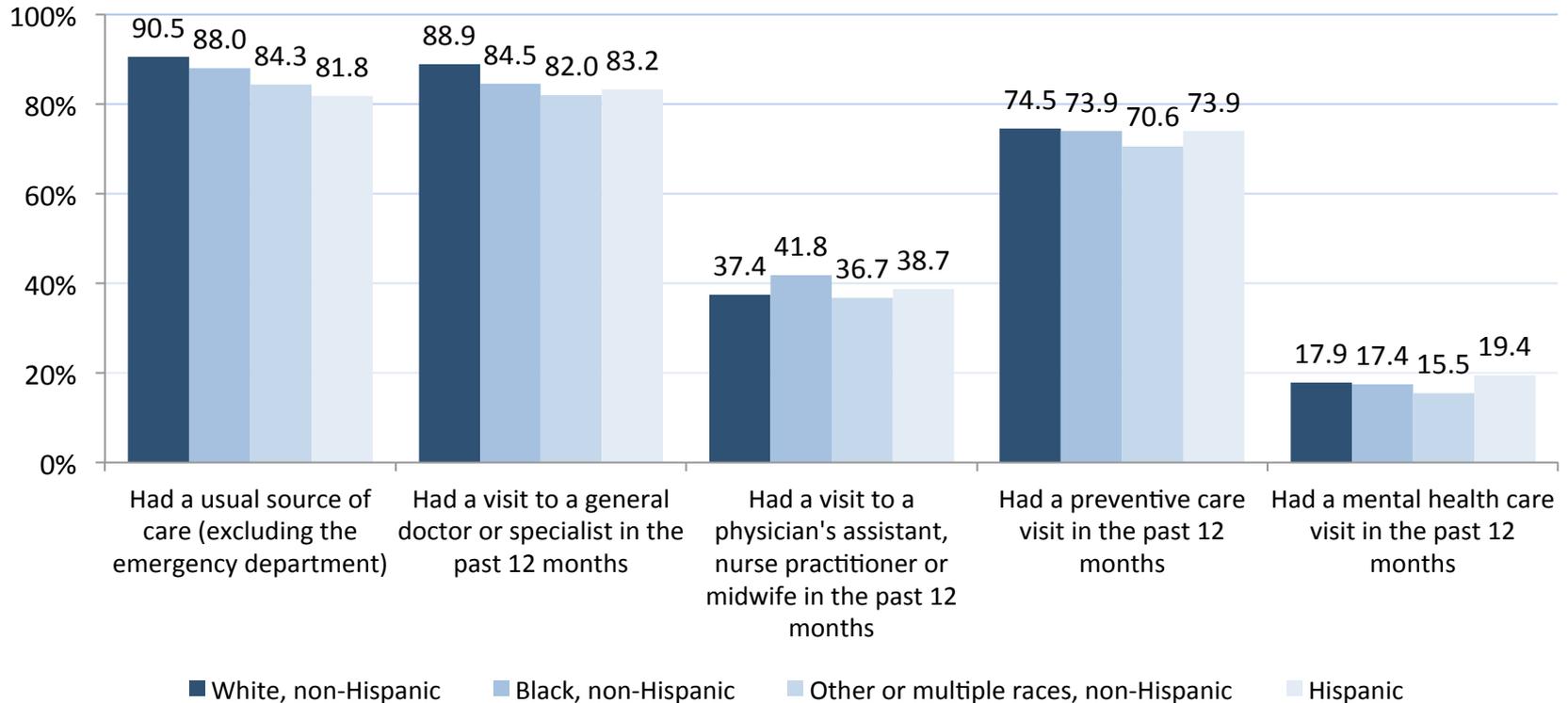
Source: 2015 Massachusetts Health Insurance Survey

Health Care Access and Use in Massachusetts in 2015, by Gender



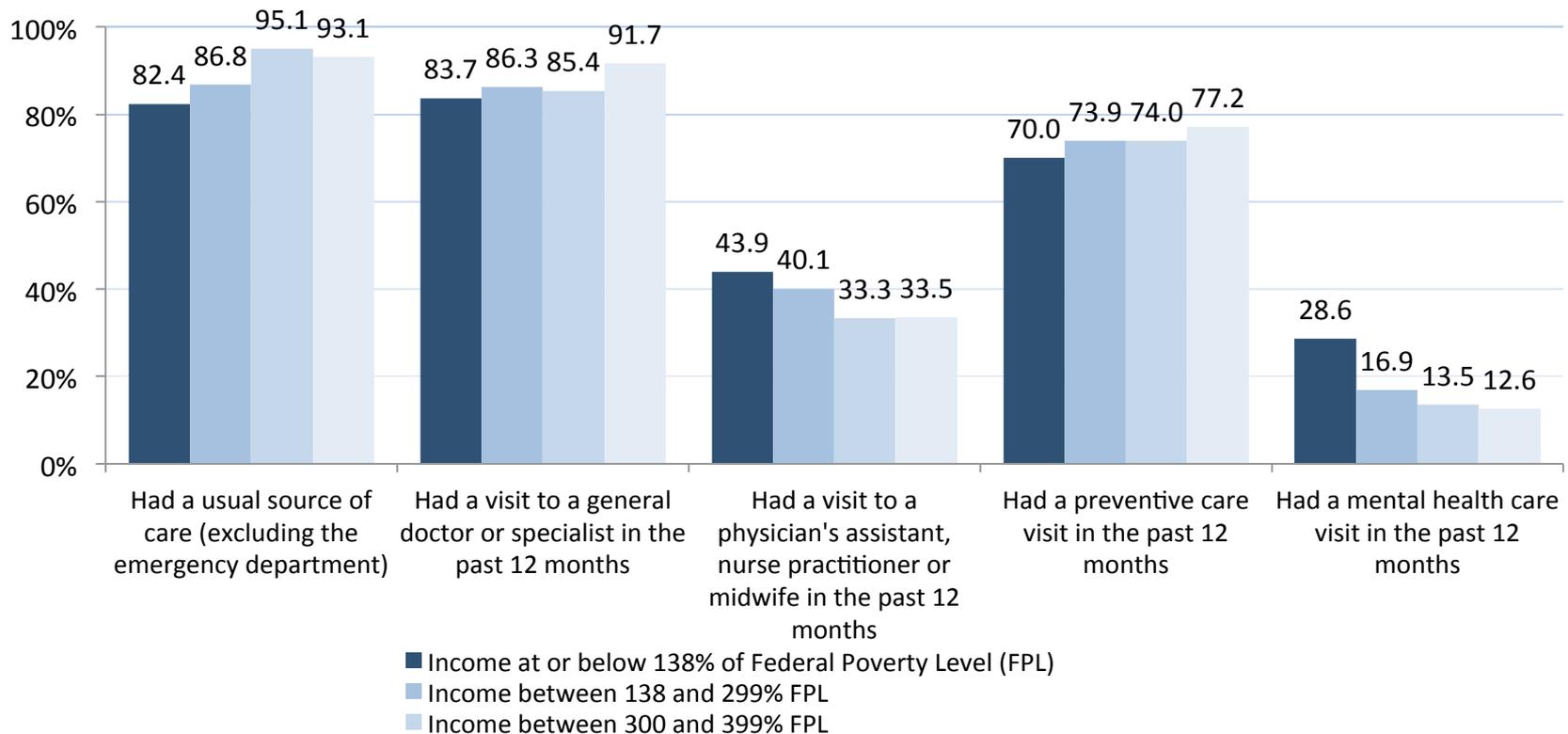
Source: 2015 Massachusetts Health Insurance Survey

Health Care Access and Use in Massachusetts in 2015, by Race and Ethnicity



Source: 2015 Massachusetts Health Insurance Survey

Health Care Access and Use in Massachusetts in 2015, by Family Income

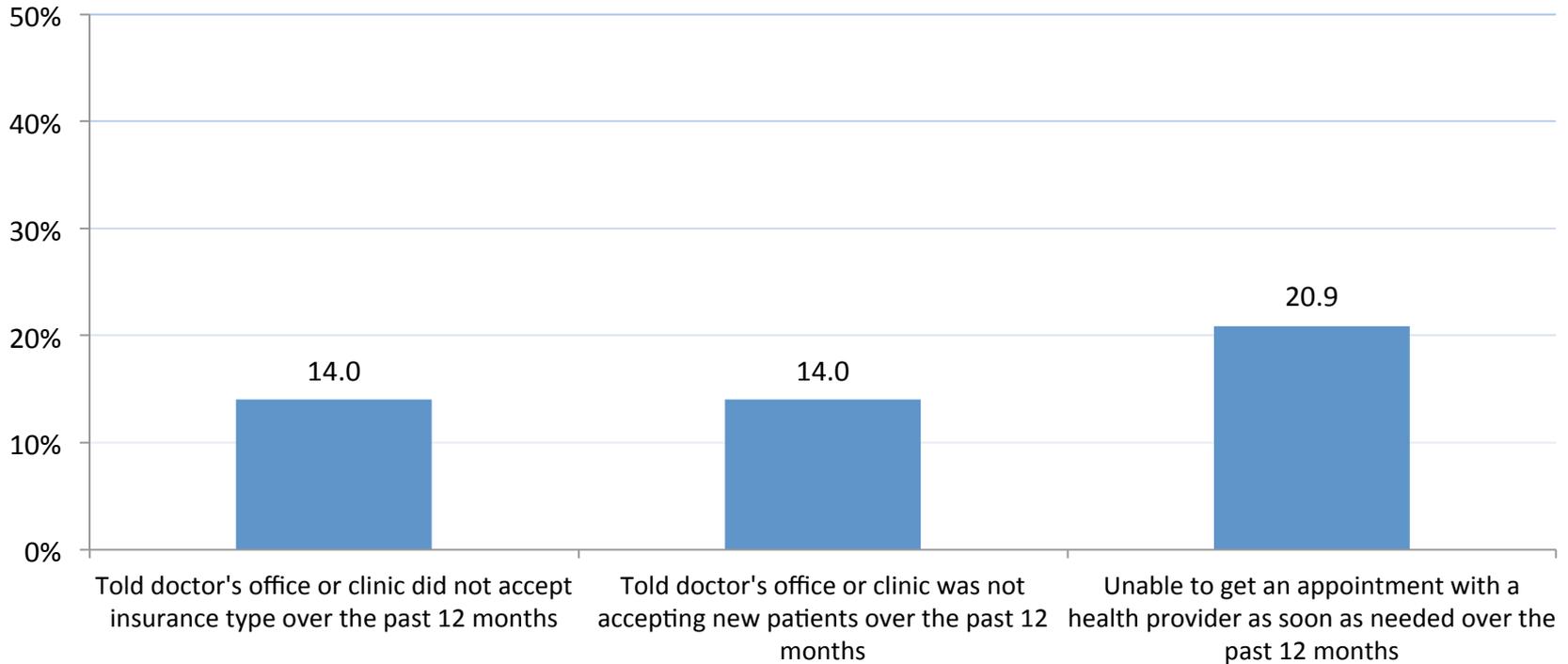


Source: 2015 Massachusetts Health Insurance Survey

Health Care Access and Use in Massachusetts in 2015, by Region

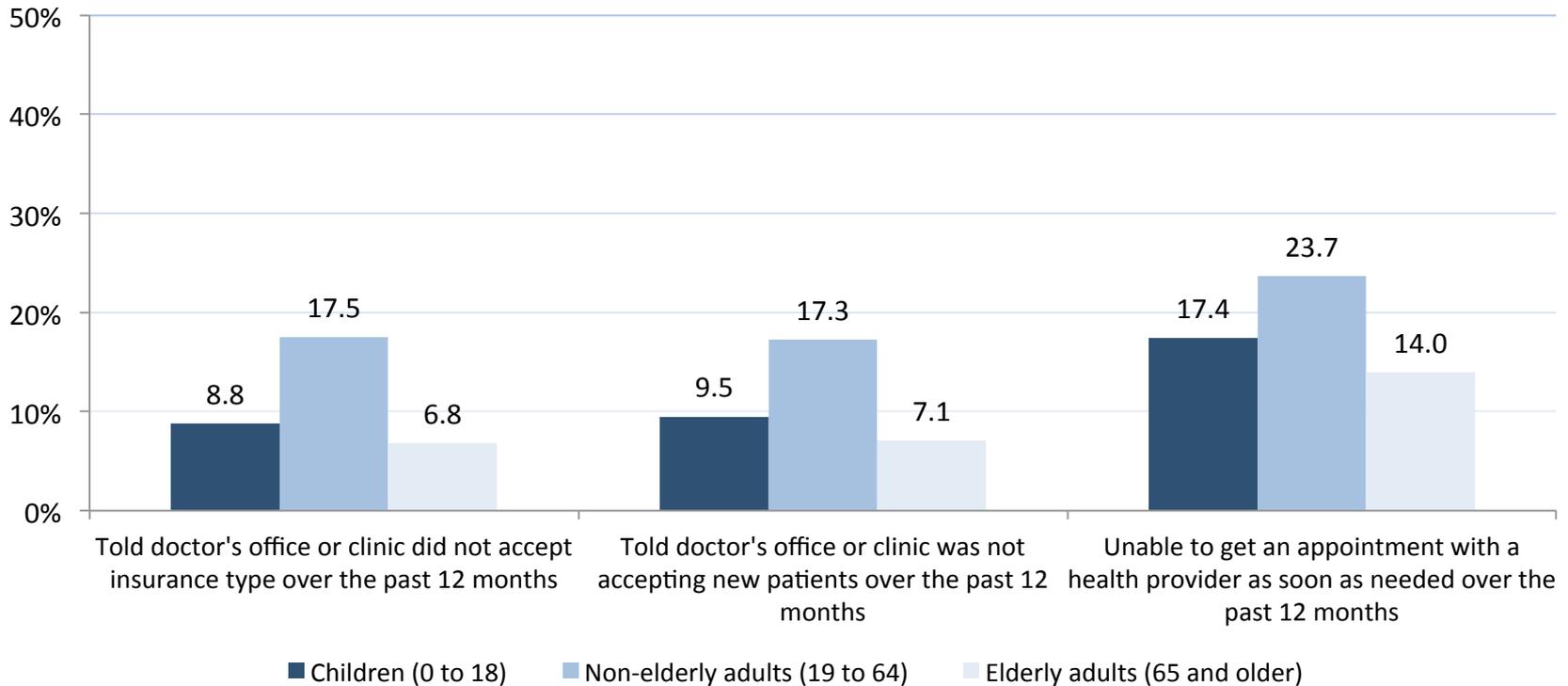
	Had a usual source of care (excluding the emergency department) (%)	Had a visit to a general doctor or specialist in the past 12 months (%)	Had a visit to a physician's assistant, nurse practitioner or midwife in the past 12 months (%)	Had a preventive care visit in the past 12 months (%)	Had a mental health care visit in the past 12 months (%)
Western MA	88.8	88.3	39.1	71.1	19.3
Central MA	88.9	88.1	35.8	73.8	19.2
Northeast MA	91.5	88.3	40.6	77.8	18.1
Metro West	86.7	88.7	34.3	76.4	16.3
Metro Boston	89.5	87.5	36.6	72.4	18.2
Metro South	85.8	84.6	37.5	69.3	16.2
Southcoast	87.2	88.1	35.3	80.2	18.1
Cape and Islands	91.1	86.4	44.8	77.8	16.1

Difficulties Getting Health Care in Massachusetts in 2015



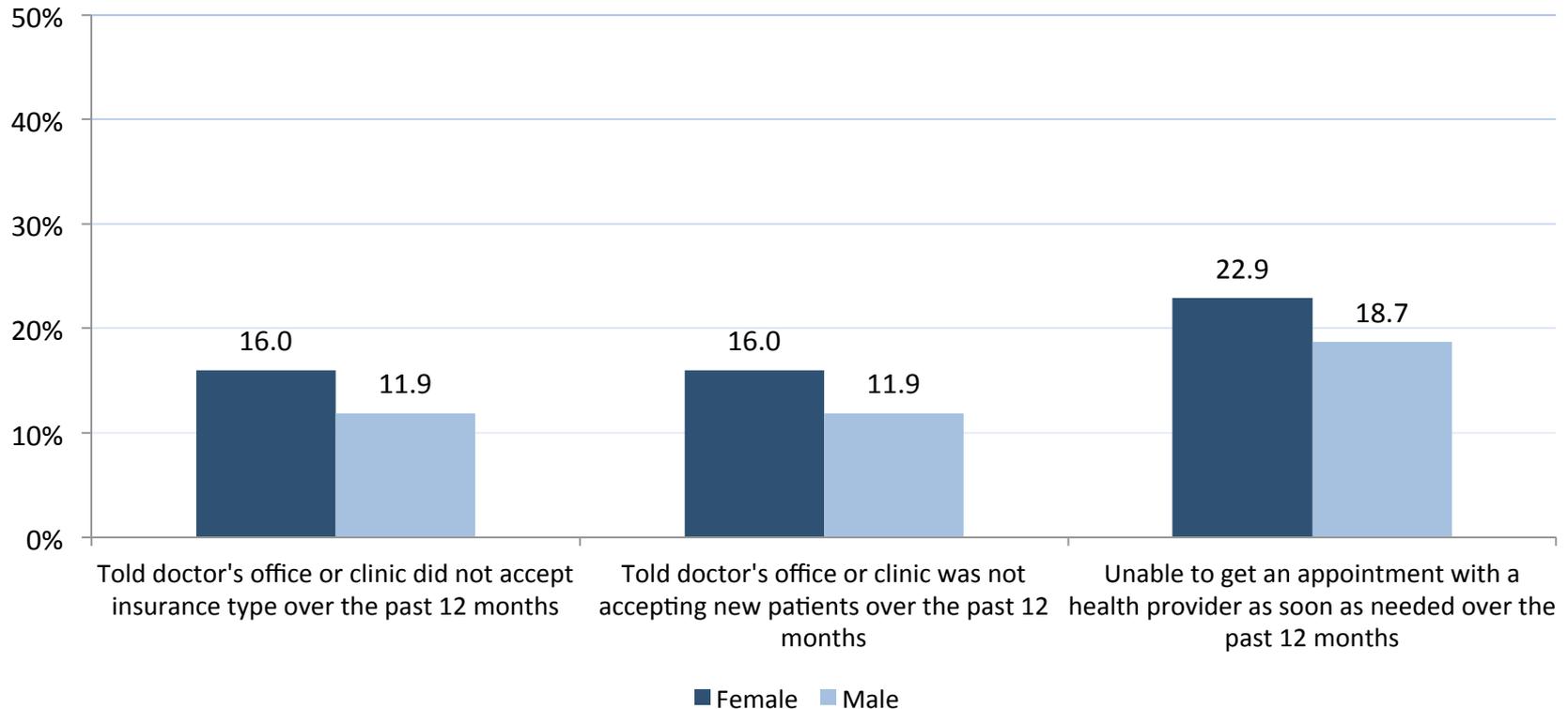
Source: 2015 Massachusetts Health Insurance Survey

Difficulties Getting Health Care in Massachusetts in 2015, by Age Group



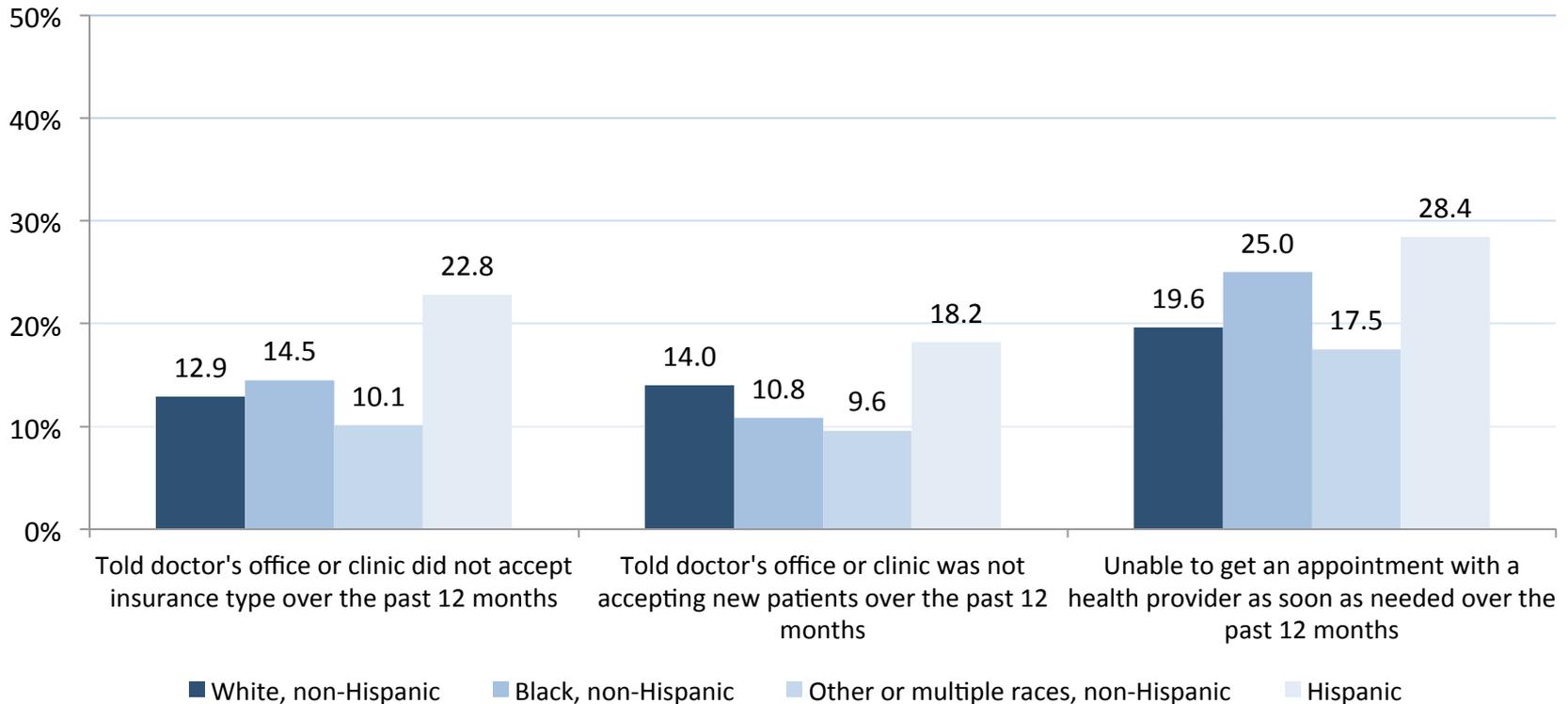
Source: 2015 Massachusetts Health Insurance Survey

Difficulties Getting Health Care in Massachusetts in 2015, by Gender



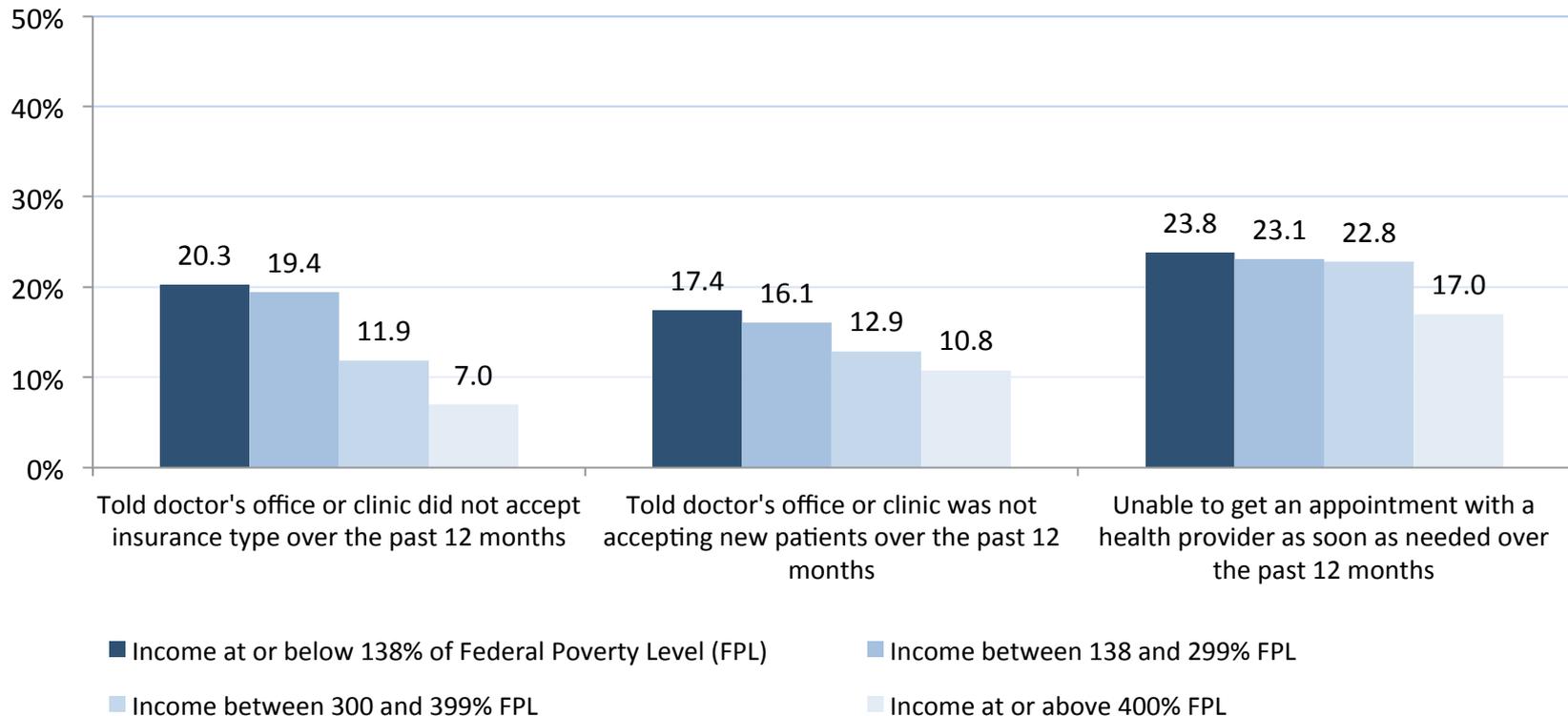
Source: 2015 Massachusetts Health Insurance Survey

Difficulties Getting Health Care in Massachusetts in 2015, by Race and Ethnicity



Source: 2015 Massachusetts Health Insurance Survey

Difficulties Getting Health Care in Massachusetts in 2015, by Family Income



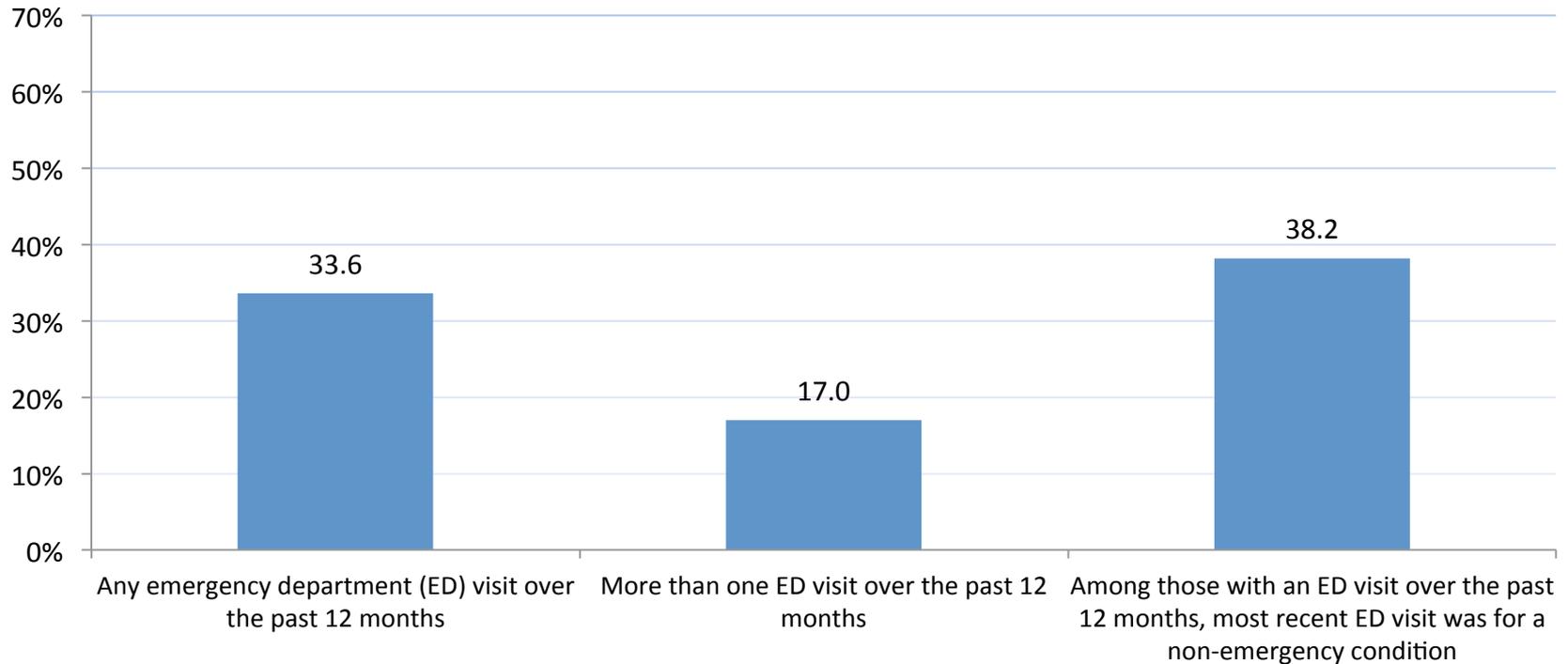
Source: 2015 Massachusetts Health Insurance Survey

Difficulties Getting Health Care in Massachusetts in 2015, by Region

	Told doctor's office or clinic did not accept insurance type over the past 12 months	Told doctor's office or clinic was not accepting new patients over the past 12 months	Unable to get an appointment with a health provider as soon as needed over the past 12 months
Western MA	21.2	19.0	27.3
Central MA	14.2	19.8	20.7
Northeast MA	14.3	12.5	20.2
Metro West	12.9	13.0	15.9
Metro Boston	11.0	11.9	22.5
Metro South	15.3	11.6	18.0
Southcoast	10.3	12.8	18.6
Cape and Islands	11.8	15.3	19.9

Source: 2015 Massachusetts Health Insurance Survey

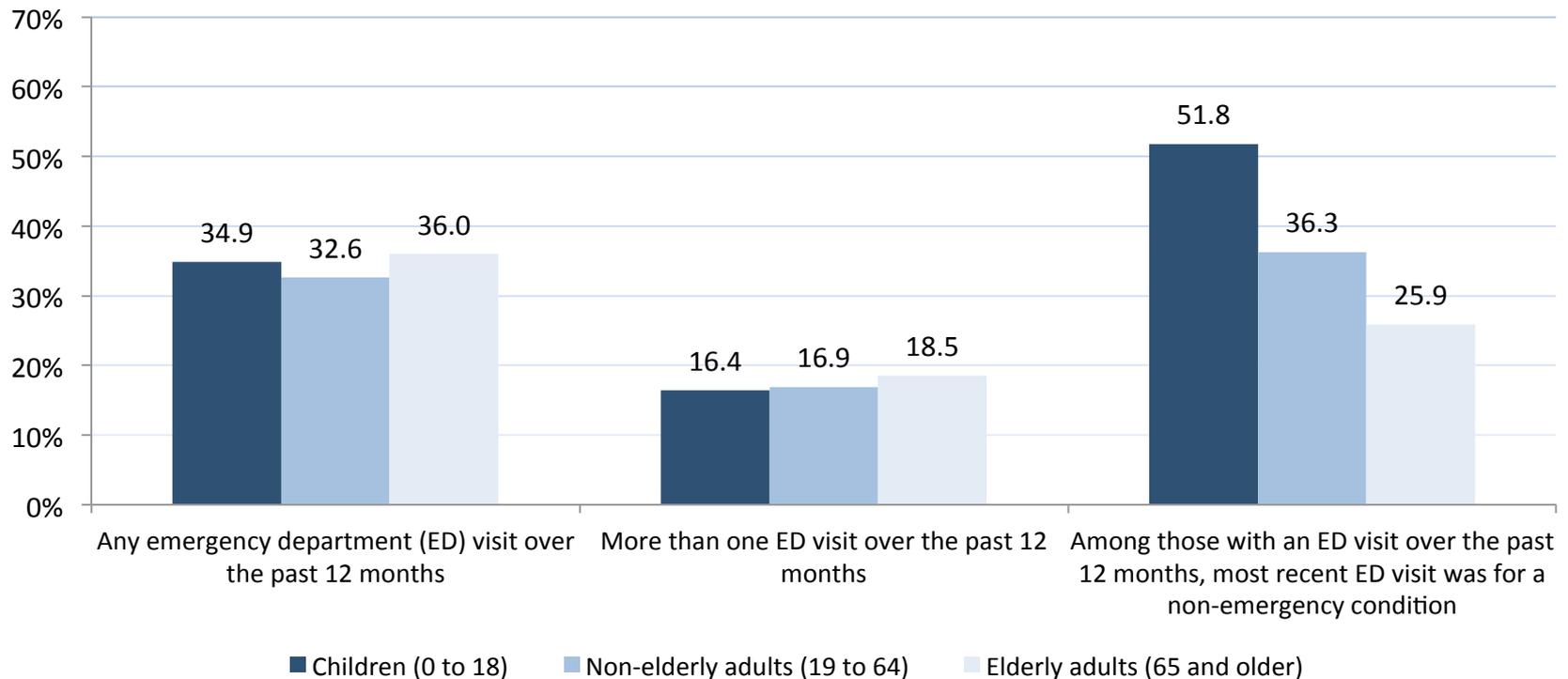
Emergency Department Use in Massachusetts in 2015



Note: A non-emergency condition is one that the respondent thought could have been treated by a regular doctor if one had been available.

Source: 2015 Massachusetts Health Insurance Survey

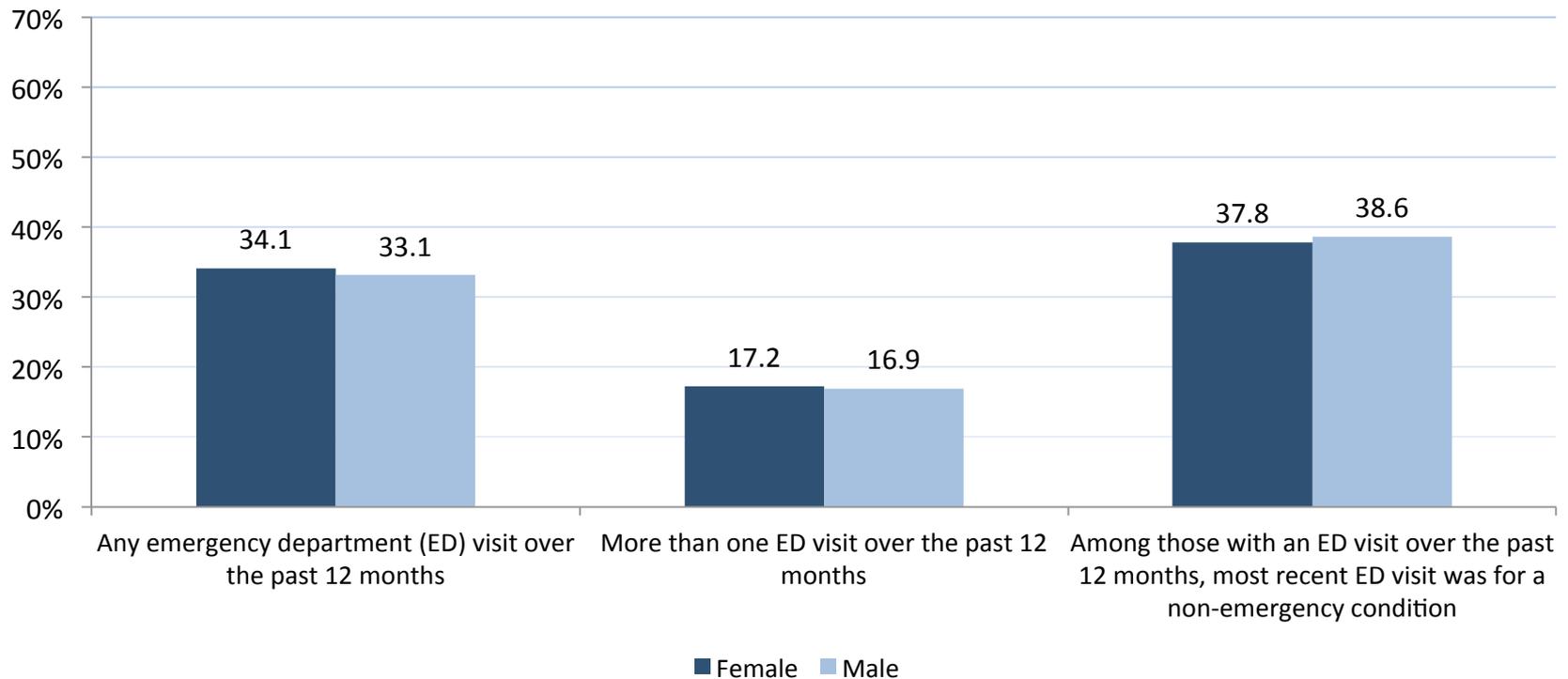
Emergency Department Use in Massachusetts in 2015, by Age Group



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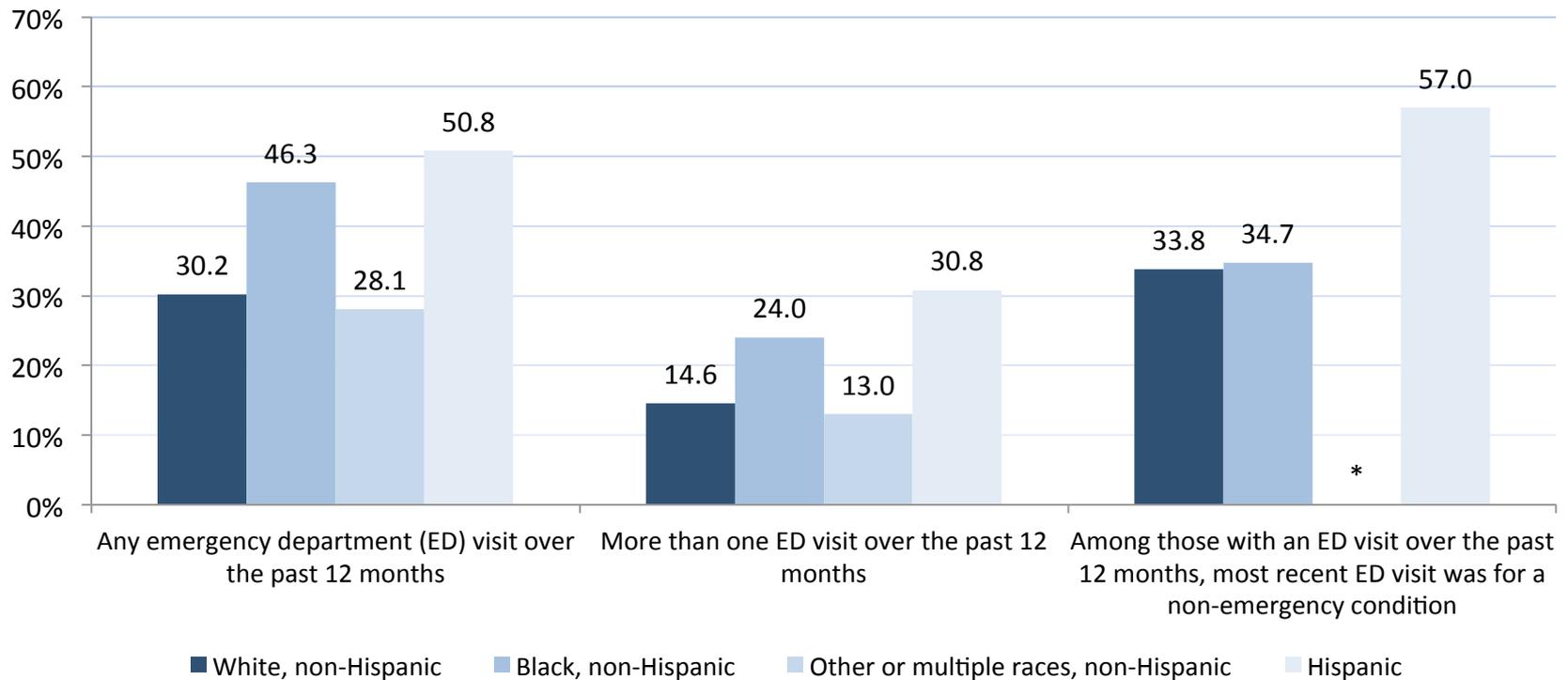
Emergency Department Use in Massachusetts in 2015, by Gender



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Source: 2015 Massachusetts Health Insurance Survey

Emergency Department Use in Massachusetts in 2015, by Race and Ethnicity

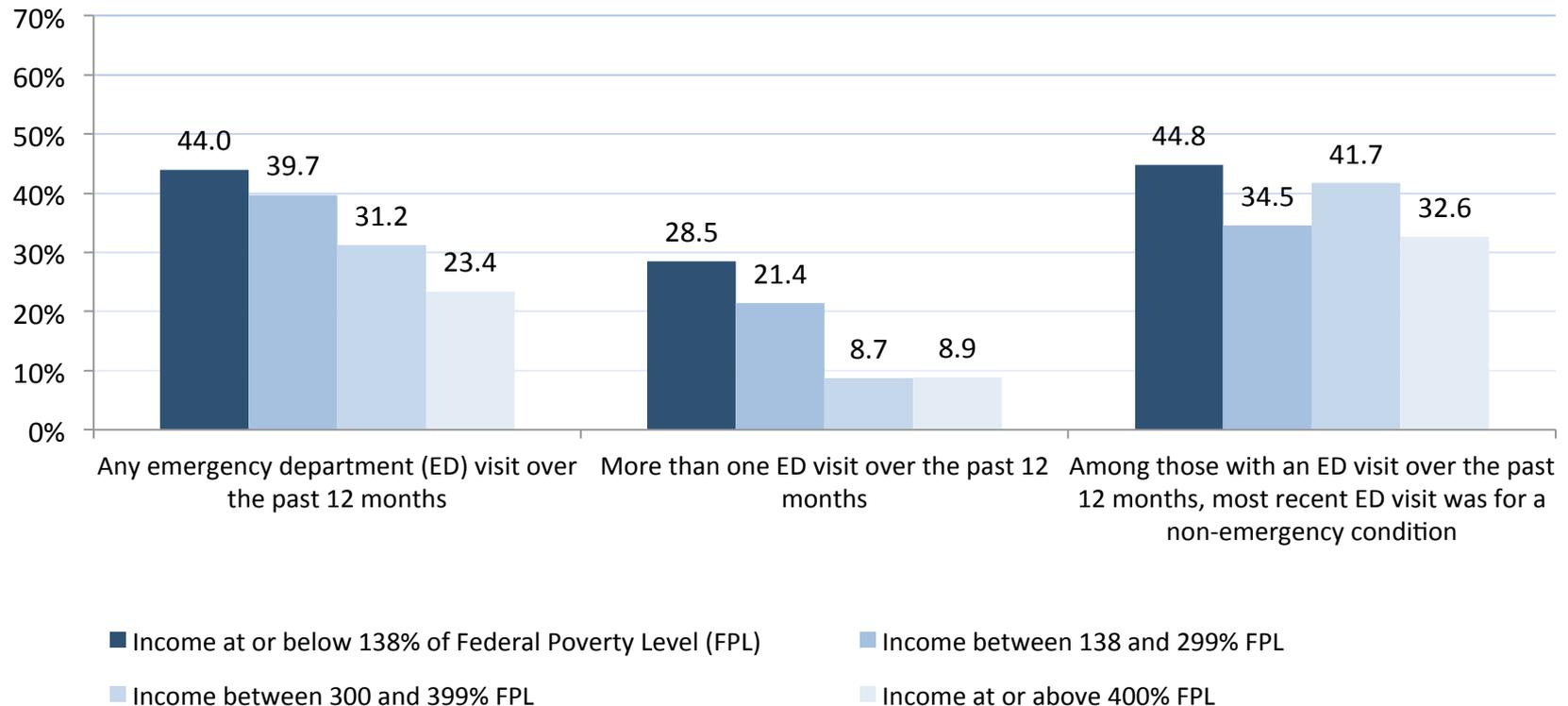


* The value has been suppressed due to small sample size.

Note: A non-emergency condition is one that the respondent thought could have been treated by a regular doctor if one had been available.

Source: 2015 Massachusetts Health Insurance Survey

Emergency Department Use in Massachusetts in 2015, by Family Income



Note: A non-emergency condition is one that the respondent thought could have been treated by a regular doctor if one had been available.

Source: 2015 Massachusetts Health Insurance Survey

Emergency Department Use in Massachusetts in 2015, by Region

	Any emergency department (ED) visit over the past 12 months (%)	More than one ED visit over the past 12 months (%)	Among those with an ED visit over the past 12 months, most recent ED visit was for a non-emergency condition (%)
Western MA	35.5	18.3	28.6
Central MA	41.9	22.9	43.4
Northeast MA	33.5	15.4	38.0
Metro West	27.4	15.4	*
Metro Boston	31.5	15.2	39.7
Metro South	30.4	14.4	38.1
Southcoast	37.7	24.5	*
Cape and Islands	37.6	19.1	*

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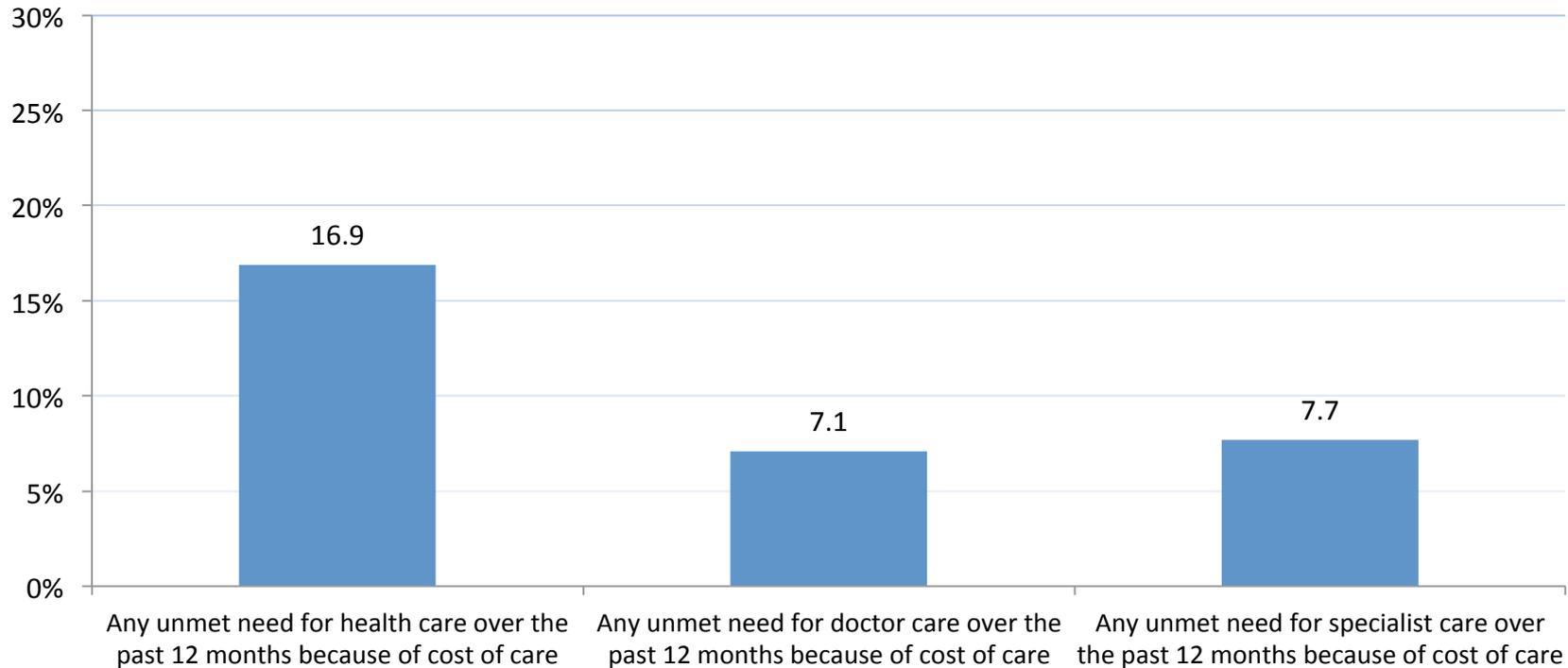
Source: 2015 Massachusetts Health Insurance Survey

4. HEALTH CARE AFFORDABILITY



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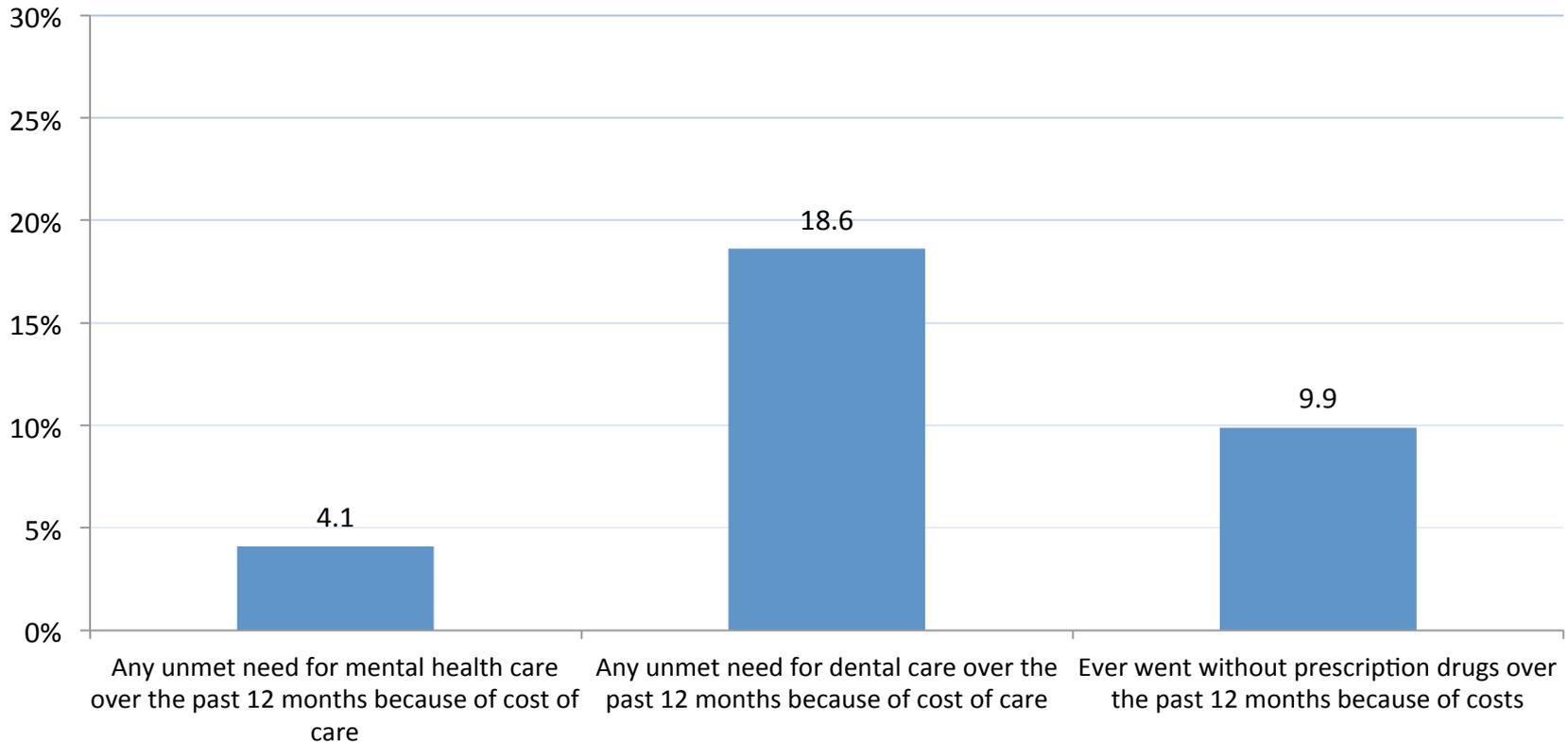
Reported Unmet Need for Health Care Overall and for Physician Care Because of Costs in Massachusetts in 2015



Note: Any unmet need for care is defined as reporting one or more of the following unmet needs for care due to cost: doctor care, specialist care, mental health care, dental care or prescription drugs.

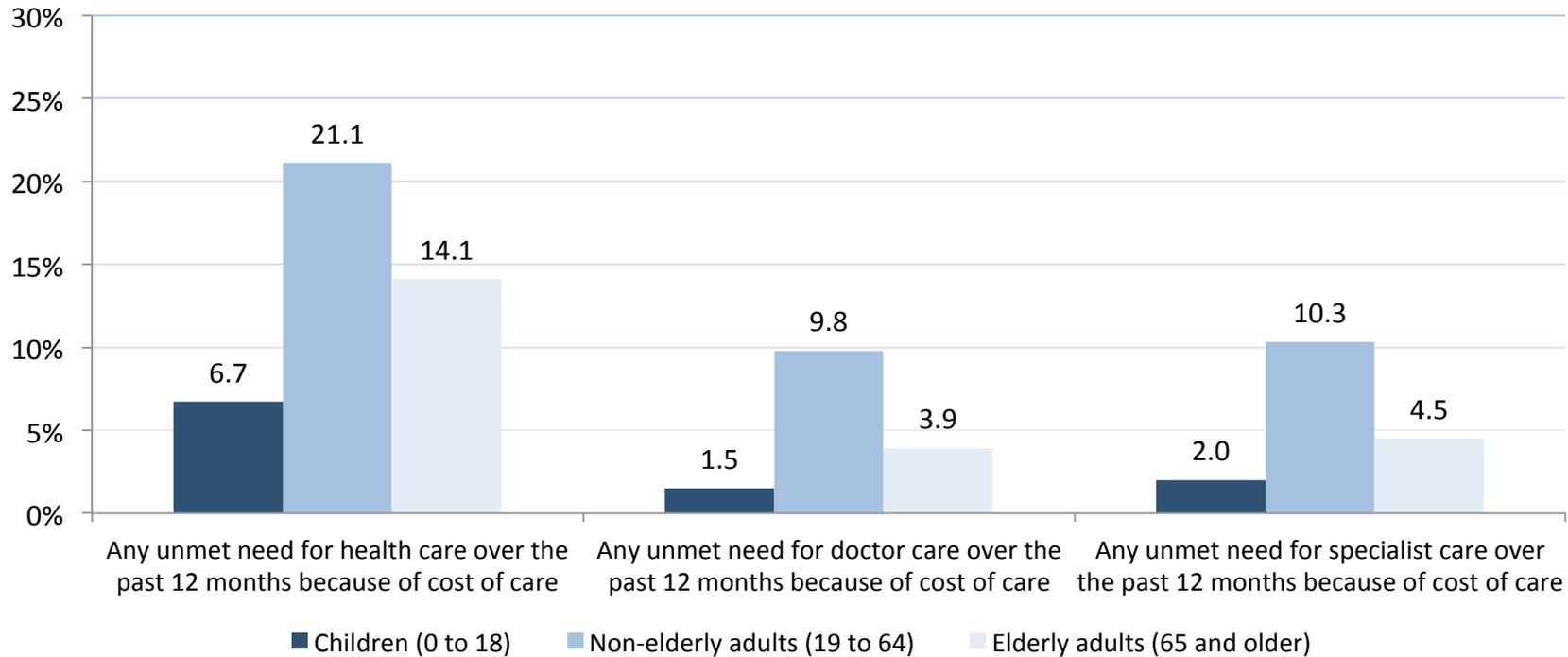
Source: 2015 Massachusetts Health Insurance Survey

Reported Unmet Need for Mental Health Care, Dental Care and Prescription Drugs Because of Costs in Massachusetts in 2015



Source: 2015 Massachusetts Health Insurance Survey

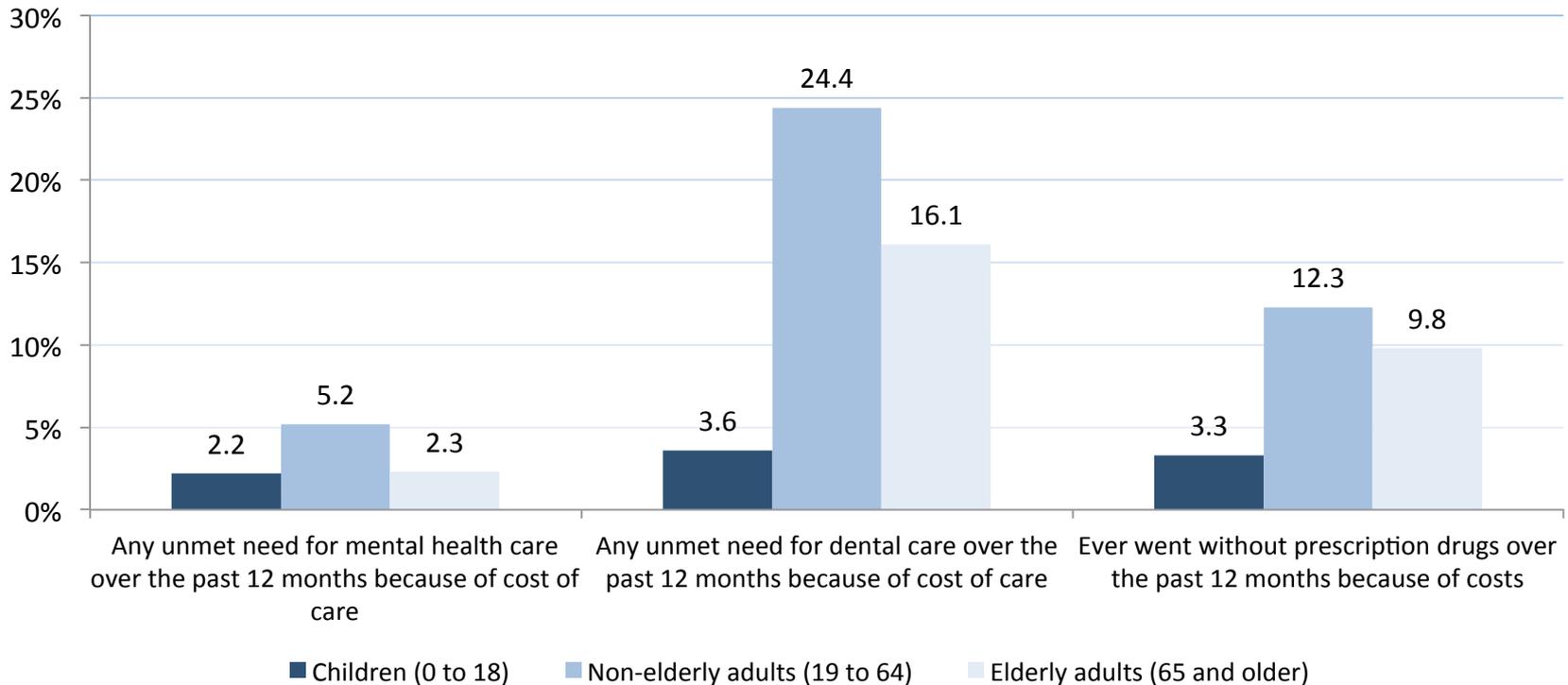
Reported Unmet Need for Health Care Overall and for Physician Care Because of Costs in Massachusetts in 2015, by Age Group



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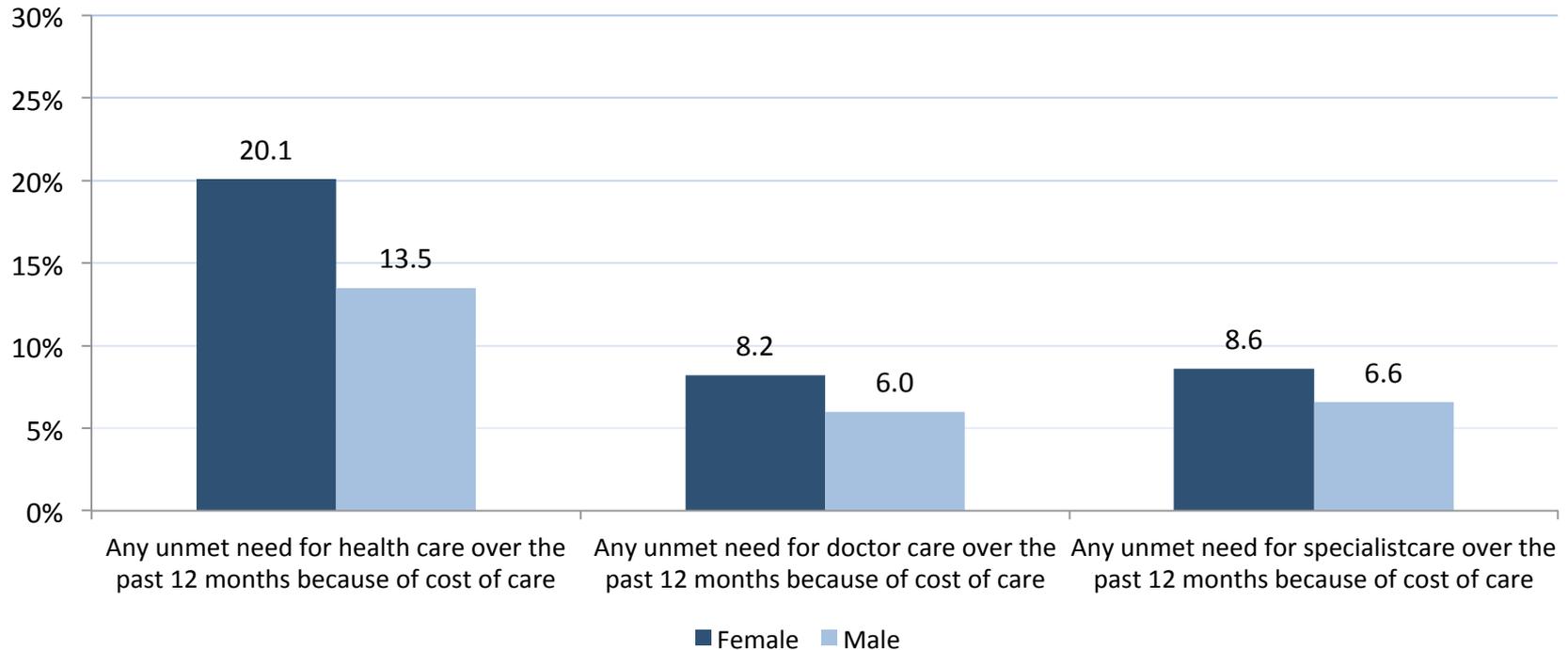
Source: 2015 Massachusetts Health Insurance Survey

Reported Unmet Need for Mental Health Care, Dental Care and Prescription Drugs Because of Costs in Massachusetts in 2015, by Age Group



Source: 2015 Massachusetts Health Insurance Survey

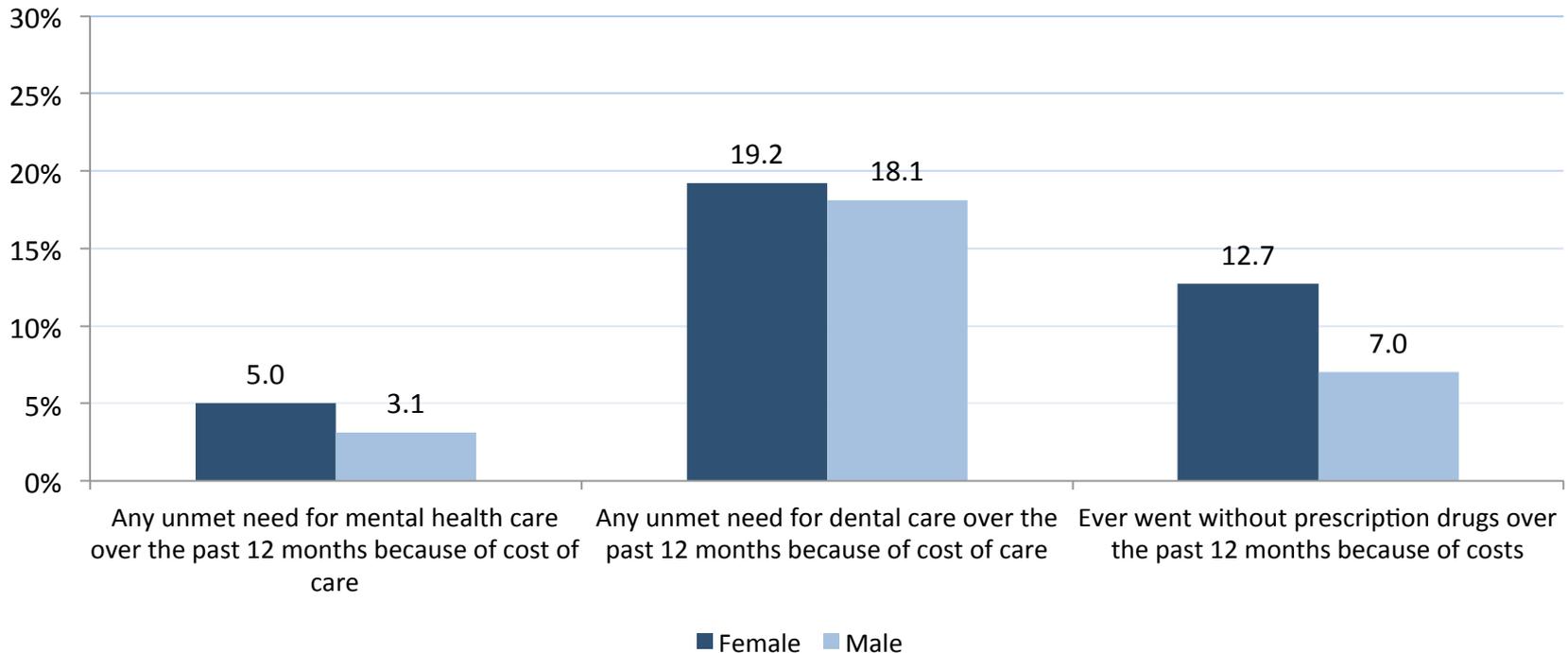
Reported Unmet Need for Health Care Overall and for Physician Care Because of Costs in Massachusetts in 2015, by Gender



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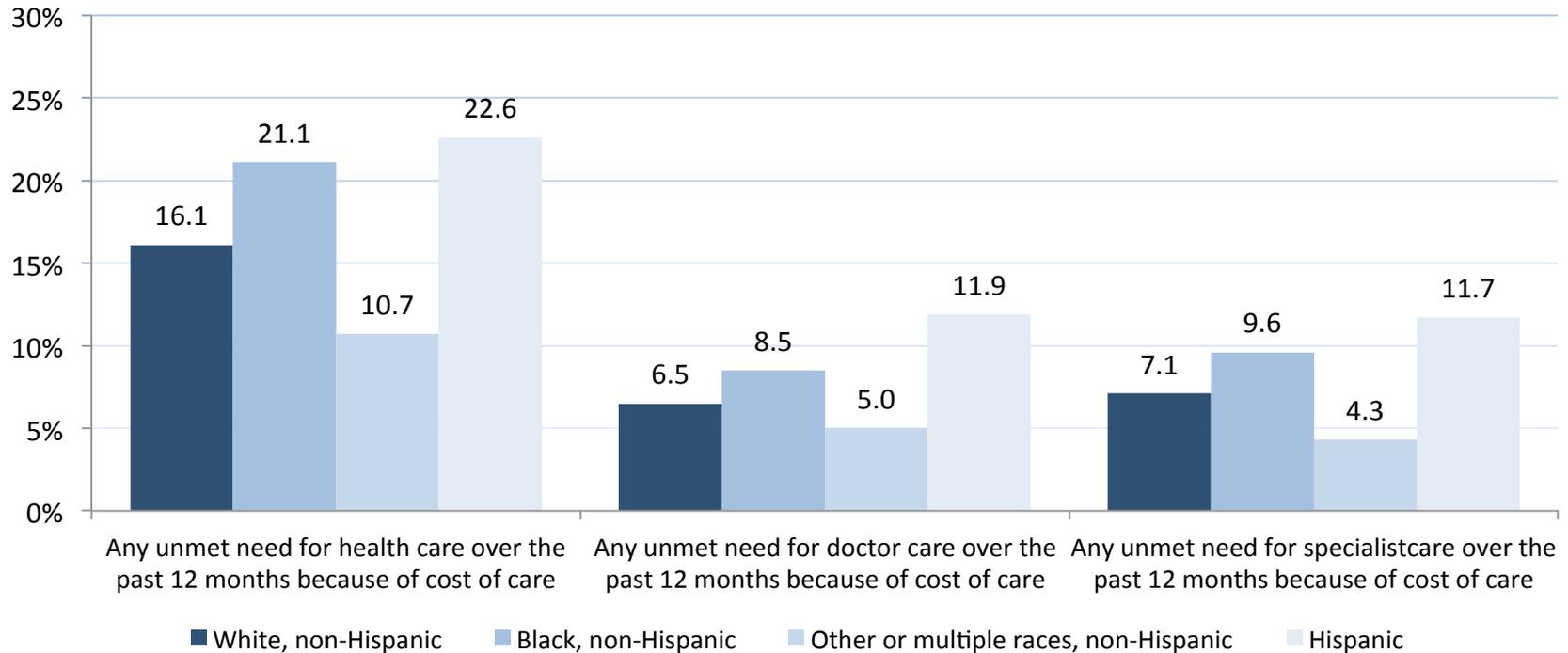
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Reported Unmet Need for Mental Health Care, Dental Care and Prescription Drugs Because of Costs in Massachusetts in 2015, by Gender



Source: 2015 Massachusetts Health Insurance Survey

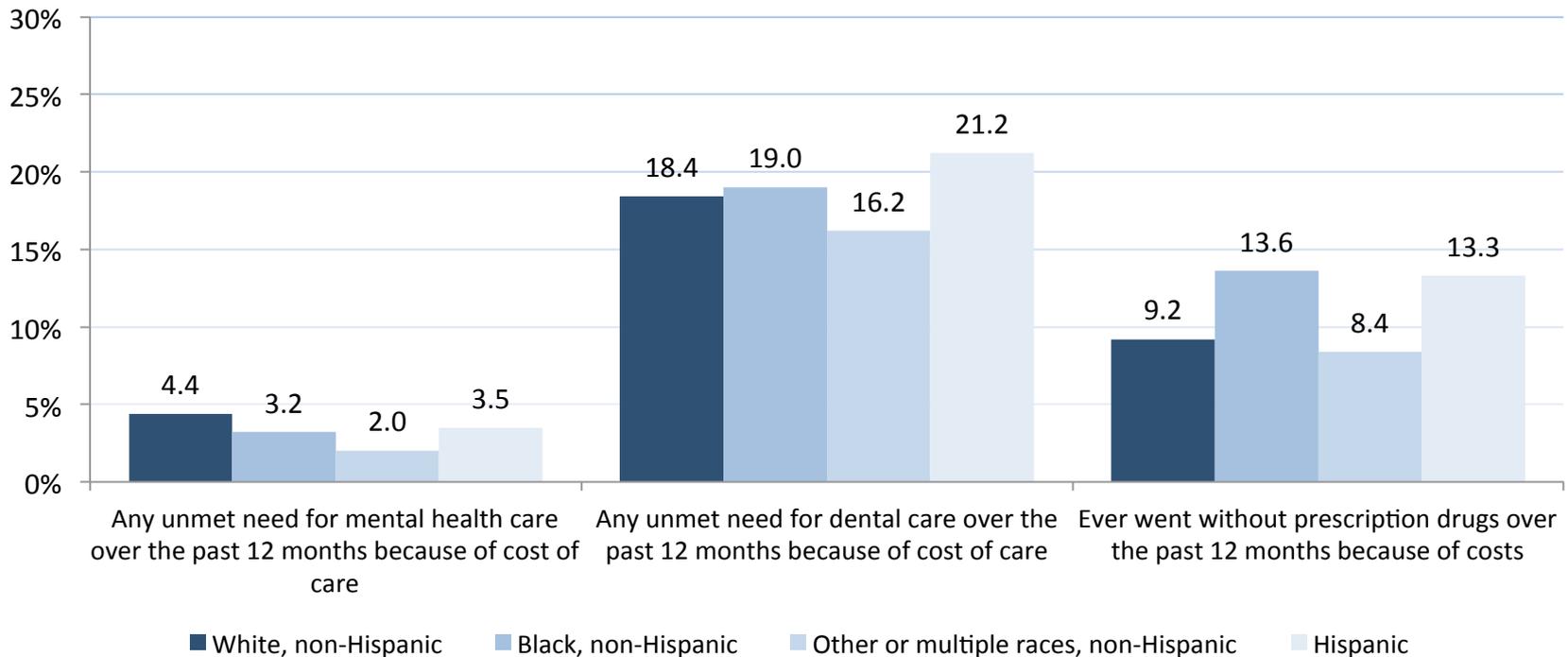
Reported Unmet Need for Health Care Overall and for Physician Care Because of Costs in Massachusetts in 2015, by Race and Ethnicity



Note: Any unmet need for care is defined as reporting one or more of the following unmet needs for care due to cost: doctor care, specialist care, mental health care, dental care or prescription drugs.

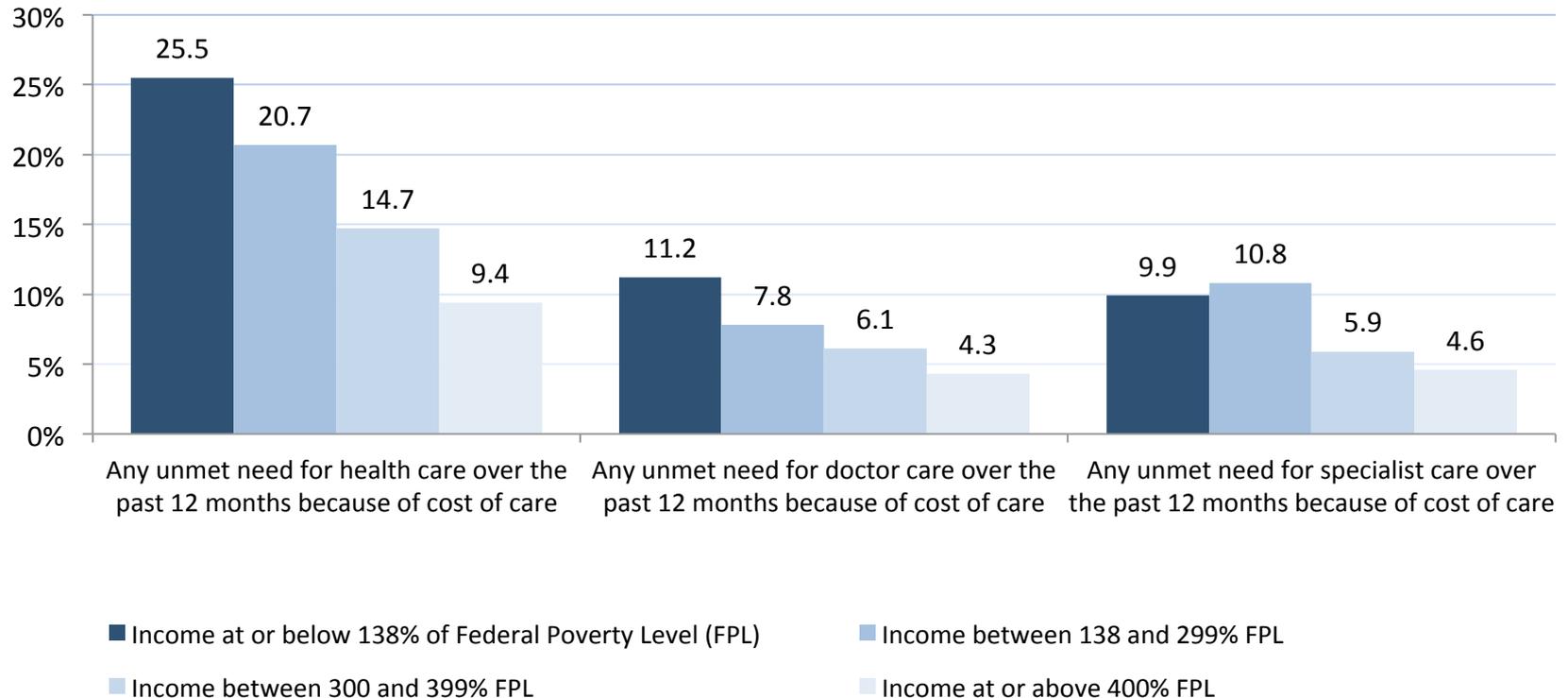
Source: 2015 Massachusetts Health Insurance Survey

Reported Unmet Need for Mental Health Care, Dental Care and Prescription Drugs Because of Costs in Massachusetts in 2015, by Race and Ethnicity



Source: 2015 Massachusetts Health Insurance Survey

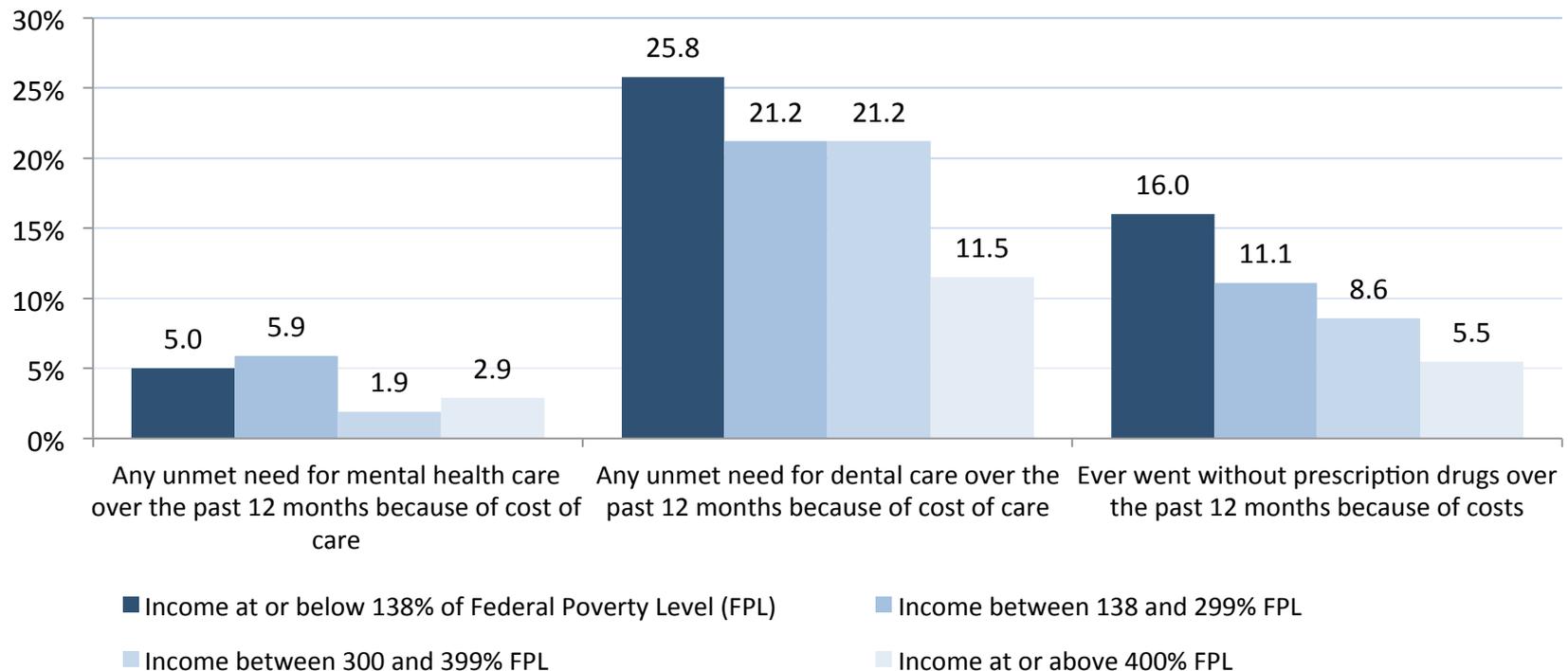
Reported Unmet Need for Health Care Overall and for Physician Care Because of Costs in Massachusetts in 2015, By Family Income



Note: : Any unmet need for care is defined as reporting one or more of the following unmet needs for care due to cost: doctor care, specialist care, mental health care, dental care or prescription drugs.

Source: 2015 Massachusetts Health Insurance Survey

Reported Unmet Need for Mental Health Care, Dental Care and Prescription Drugs Because of Costs in Massachusetts in 2015, by Family Income



Note: Any unmet need for care is defined as reporting one or more of the following unmet needs for care due to cost: doctor care, specialist care, mental health care, dental care or prescription drugs.

Source: 2015 Massachusetts Health Insurance Survey

Reported Unmet Need for Health Care Overall and Physician Care Because of Costs in Massachusetts in 2015, by Region

	Any unmet need for health care over the past 12 months because of cost of care (%)	Any unmet need for doctor care over the past 12 months because of cost of care (%)	Any unmet need for specialist care over the past 12 months because of cost of care (%)
Western MA	25.0	8.7	11.0
Central MA	18.8	7.9	6.4
Northeast MA	14.5	6.8	6.8
Metro West	10.7	3.7	4.6
Metro Boston	15.4	7.7	8.4
Metro South	18.4	7.7	8.1
Southcoast	20.6	7.0	6.9
Cape and Islands	15.0	6.1	8.5

Note: Any unmet need for care is defined as reporting one or more of the following unmet needs for care due to cost: doctor care, specialist care, mental health care, dental care or prescription drugs.

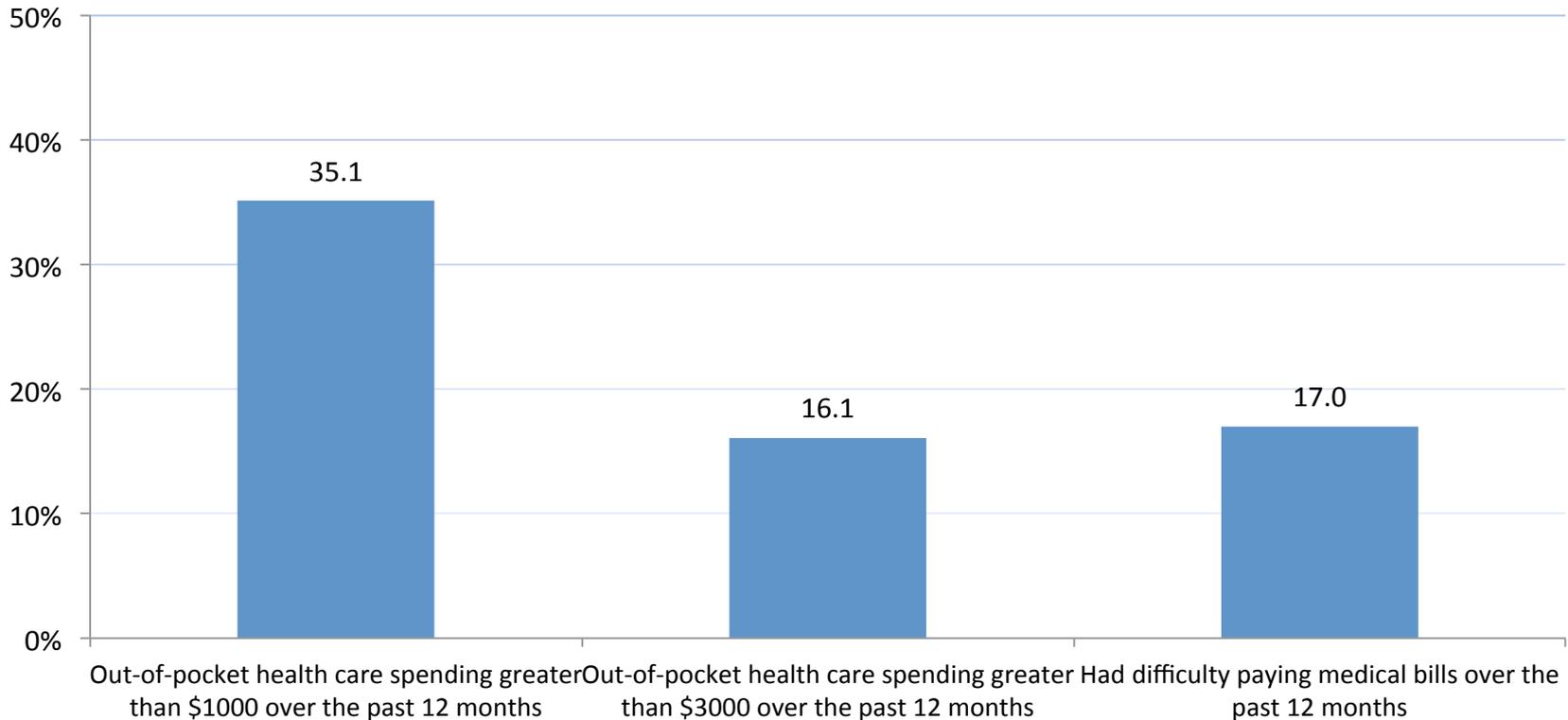
Source: 2015 Massachusetts Health Insurance Survey

Reported Unmet Need for Mental Health Care, Dental Care and Prescription Drugs Because of Costs in Massachusetts in 2015, by Region

	Any unmet need for mental health care over the past 12 months because of cost of care (%)	Any unmet need for dental care over the past 12 months because of cost of care (%)	Ever went without prescription drugs over the past 12 months because of costs (%)
Western MA	6.7	24.1	16.6
Central MA	3.3	18.3	12.6
Northeast MA	2.3	17.5	7.7
Metro West	4.4	11.2	6.3
Metro Boston	3.8	17.5	8.2
Metro South	6.2	22.7	10.1
Southcoast	2.9	22.7	14.9
Cape and Islands	4.0	16.5	6.3

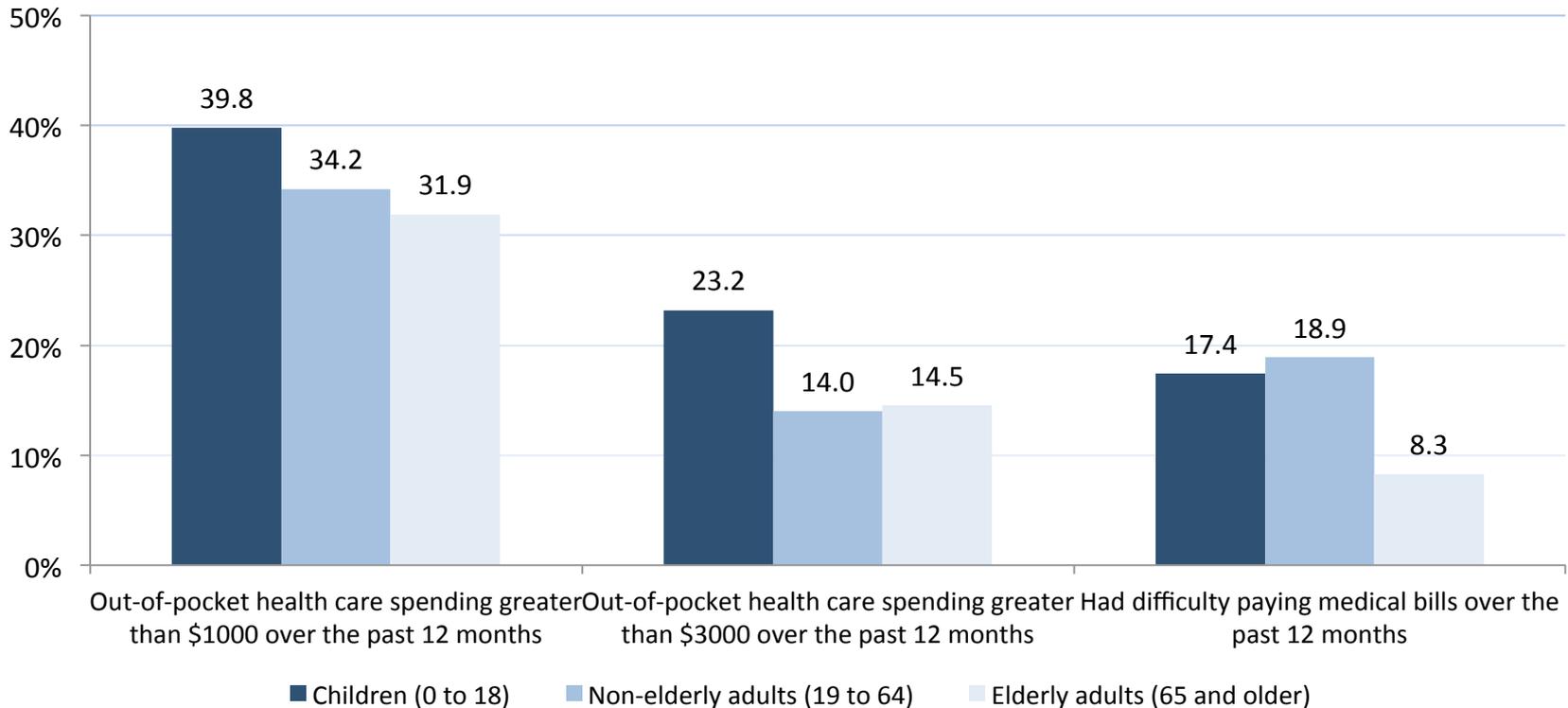
Source: 2015 Massachusetts Health Insurance Survey

Out-of-Pocket Family Health Care Spending and Difficulty Paying Family Medical Bills for All Massachusetts Respondents in 2015



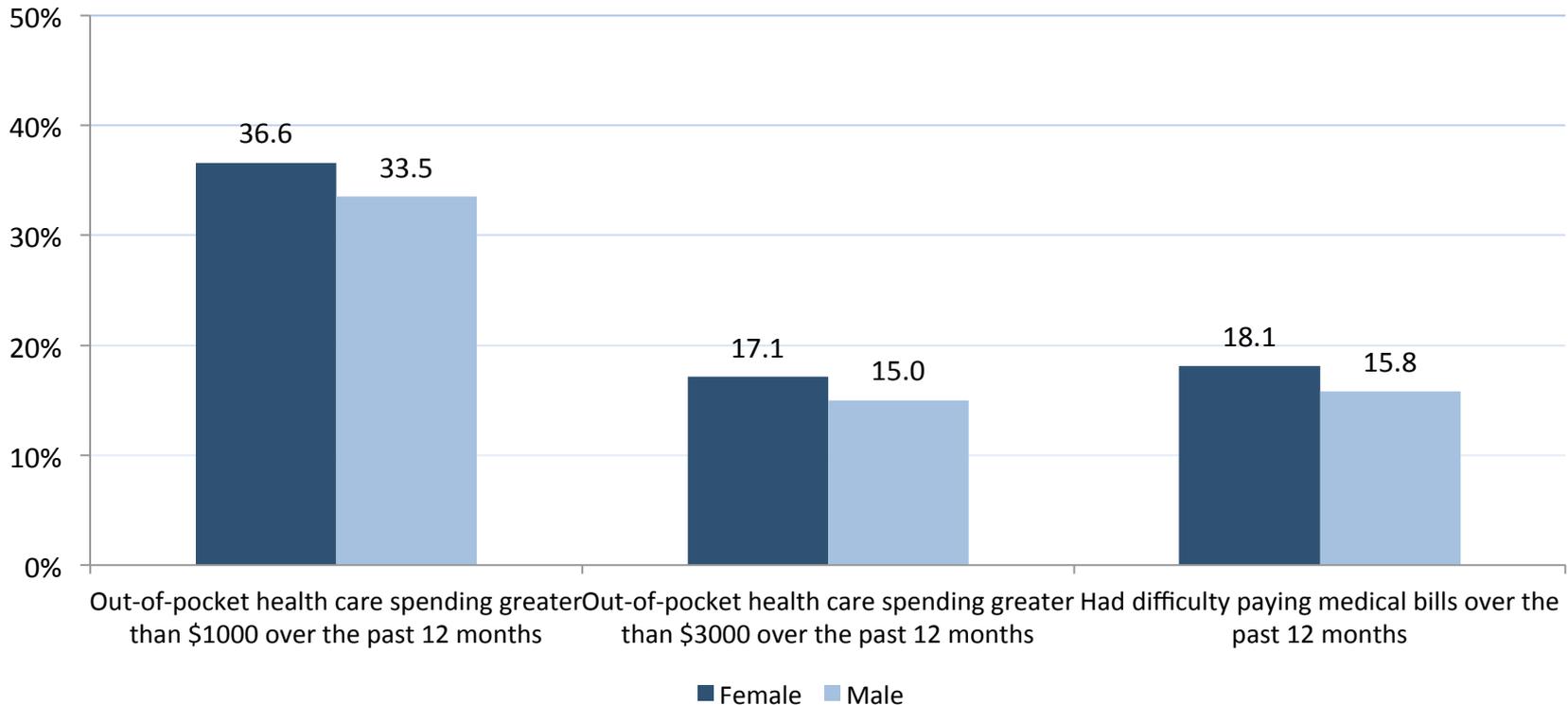
Source: 2015 Massachusetts Health Insurance Survey

Out-of-Pocket Family Health Care Spending and Difficulty Paying Family Medical Bills in Massachusetts in 2015, by Age Group



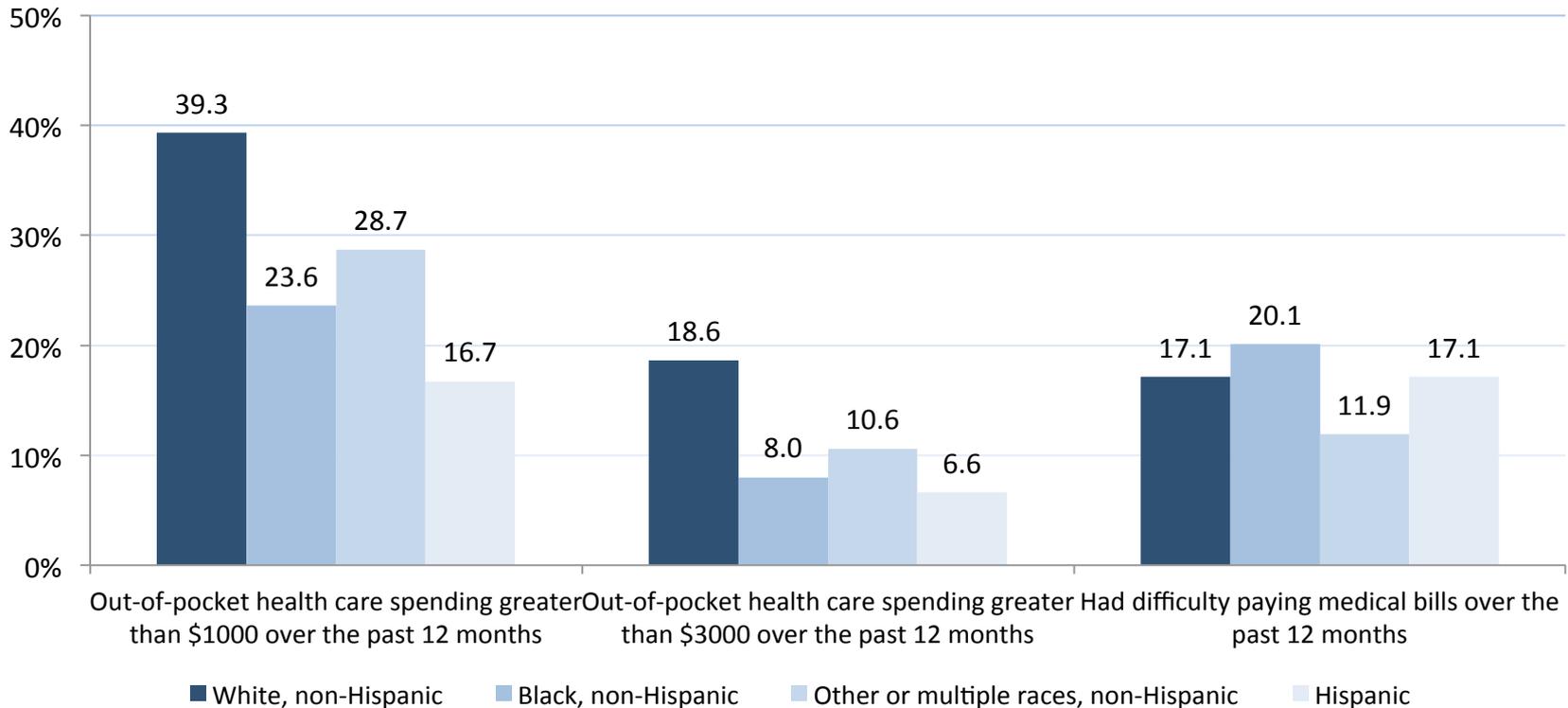
Source: 2015 Massachusetts Health Insurance Survey

Out-of-Pocket Family Health Care Spending and Difficulty Paying Family Medical Bills in Massachusetts in 2015, by Gender



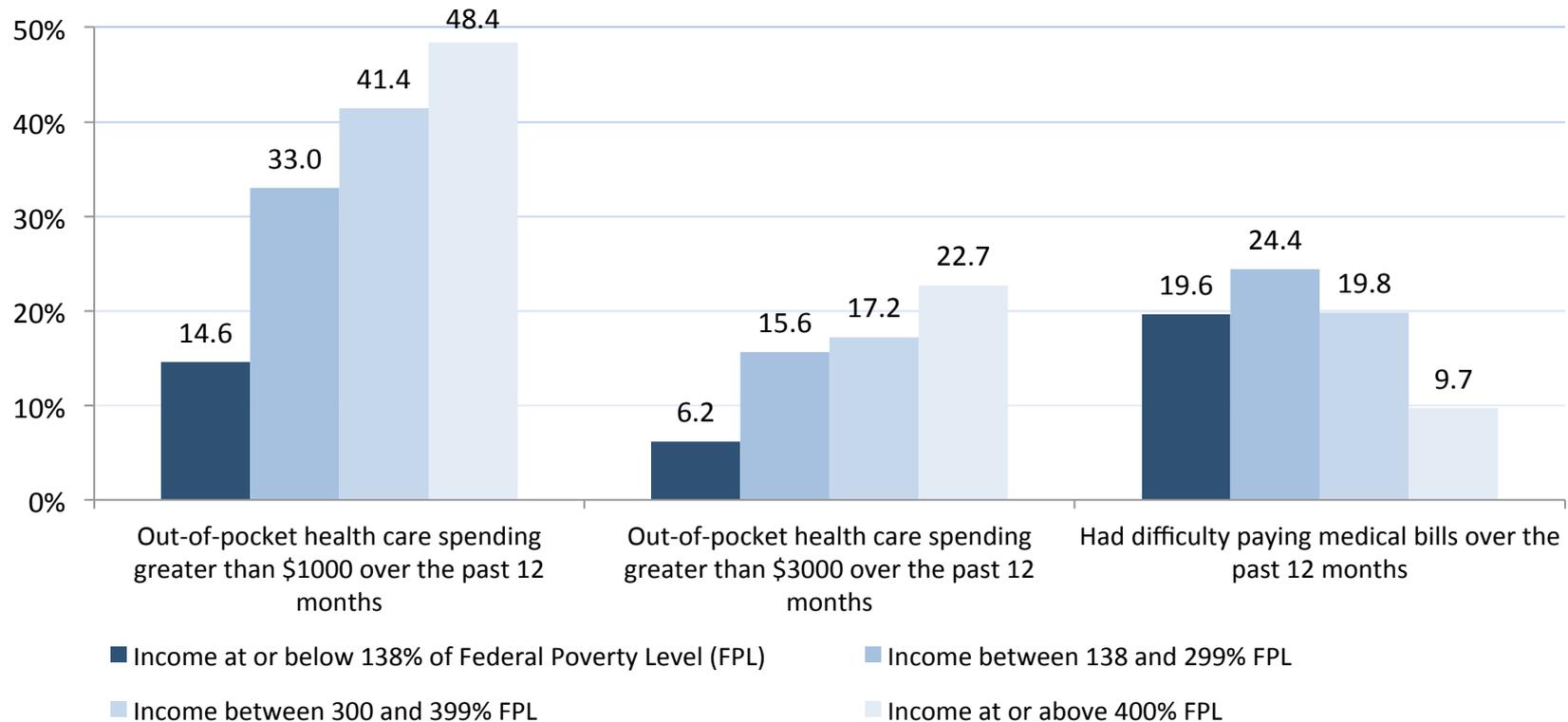
Source: 2015 Massachusetts Health Insurance Survey

Out-of-Pocket Family Health Care Spending and Difficulty Paying Family Medical Bills in Massachusetts in 2015, by Race and Ethnicity



Source: 2015 Massachusetts Health Insurance Survey.

Out-of-Pocket Family Health Care Spending and Difficulty Paying Family Medical Bills in Massachusetts in 2015, by Family Income



Source: 2015 Massachusetts Health Insurance Survey

Out-of-Pocket Family Health Care Spending and Difficulty Paying Family Medical Bills in Massachusetts in 2015, by Region

	Out-of-pocket health care spending greater than \$1000 over the past 12 months (%)	Out-of-pocket health care spending greater than \$3000 over the past 12 months (%)	Had difficulty paying medical bills over the past 12 months (%)
Western MA	34.6	16.9	22.1
Central MA	34.7	16.1	22.4
Northeast MA	37.9	16.6	16.0
Metro West	44.7	23.1	12.9
Metro Boston	30.7	13.9	13.3
Metro South	37.2	15.4	21.9
Southcoast	22.4	7.8	14.1
Cape and Islands	34.7	19.8	12.3

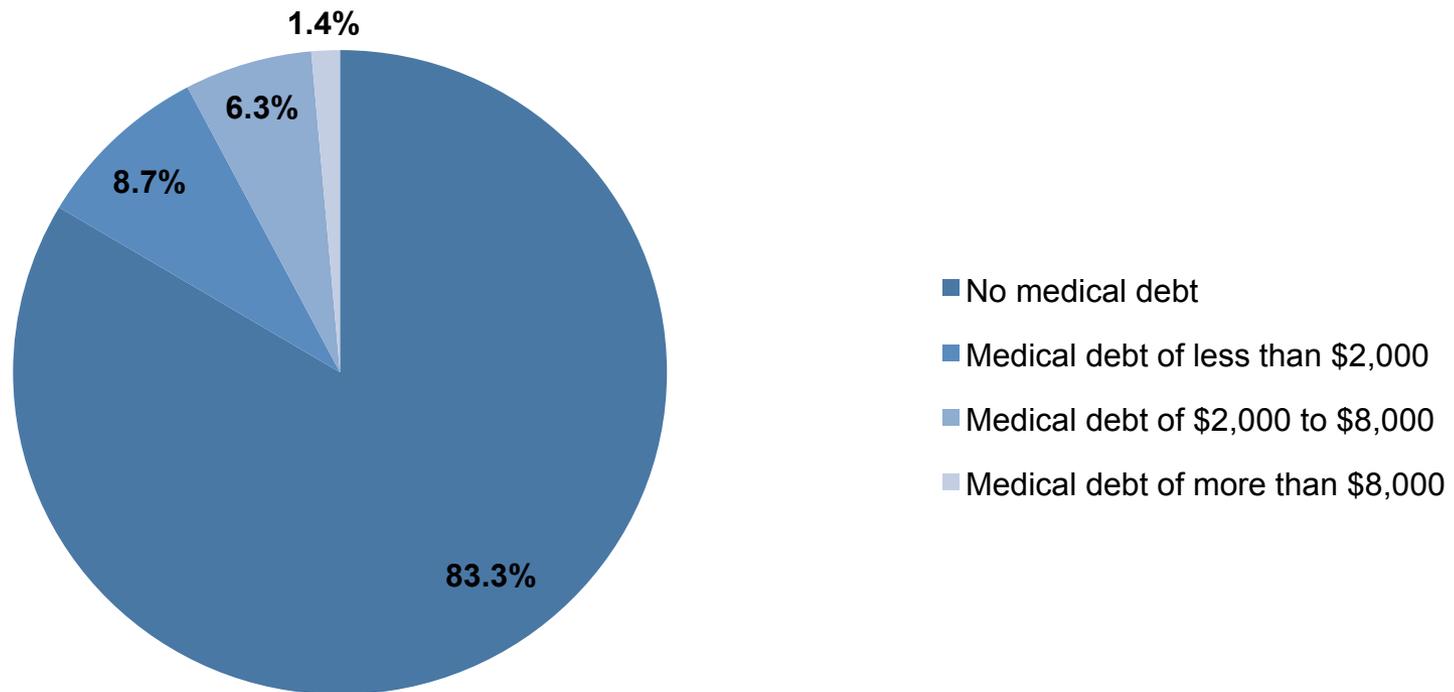
Source: 2015 Massachusetts Health Insurance Survey.

Ratio of Out-of-pocket Health Care Spending to Family Income over the Past 12 Months in Massachusetts in 2015, Overall and by Age Group

	All respondents	Children (0-18)	Non-elderly adults (19-64)	Elderly adults (65 and older)
Ratio of out-of-pocket spending to family income is less than 5%	91.0%	89.8%	91.9%	89.1%
Ratio of out-of-pocket spending to family income is 5% or more	9.0%	10.2%	8.1%	10.9%
Ratio of out-of-pocket spending to family income is 10% or more	3.6%	4.5%	3.1%	4.2%

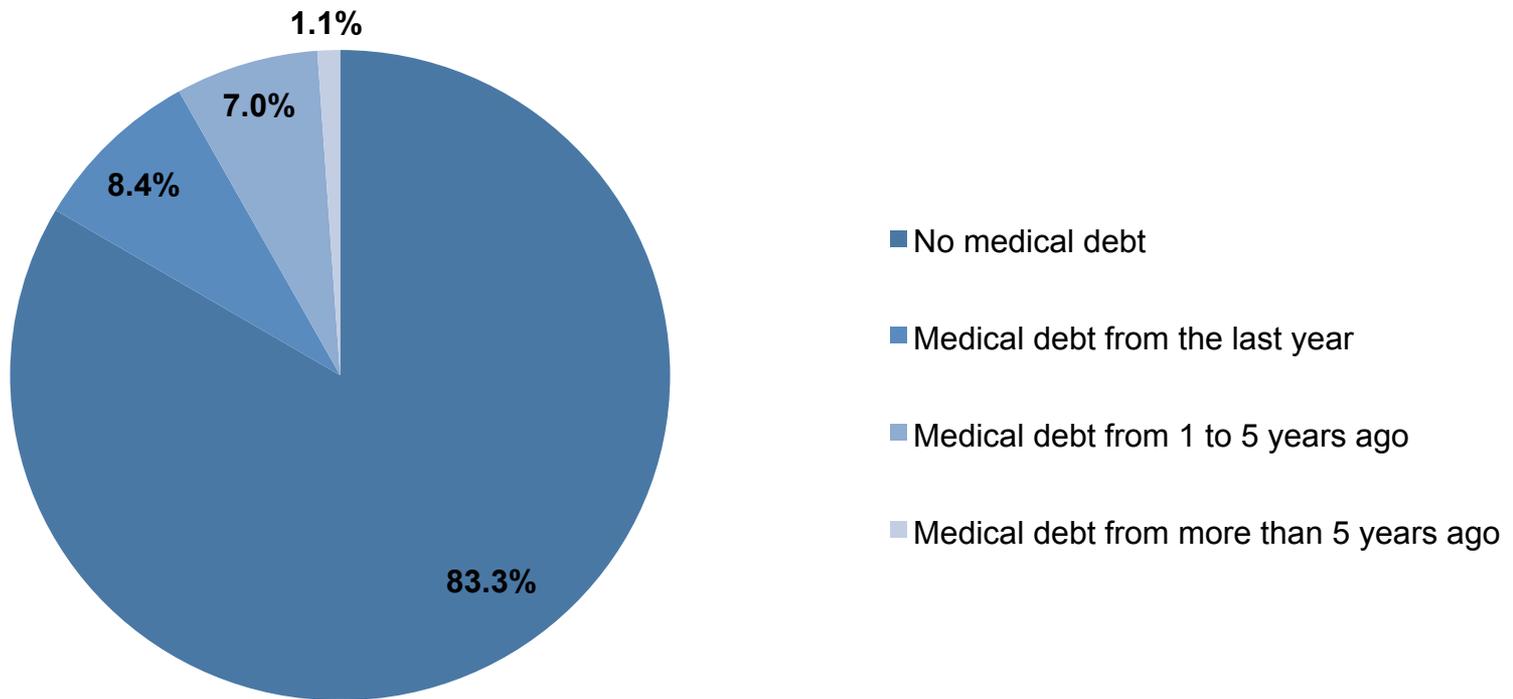
Source: 2015 Massachusetts Health Insurance Survey

Amount of Medical Bills Being Paid Off Over Time in Massachusetts in 2015



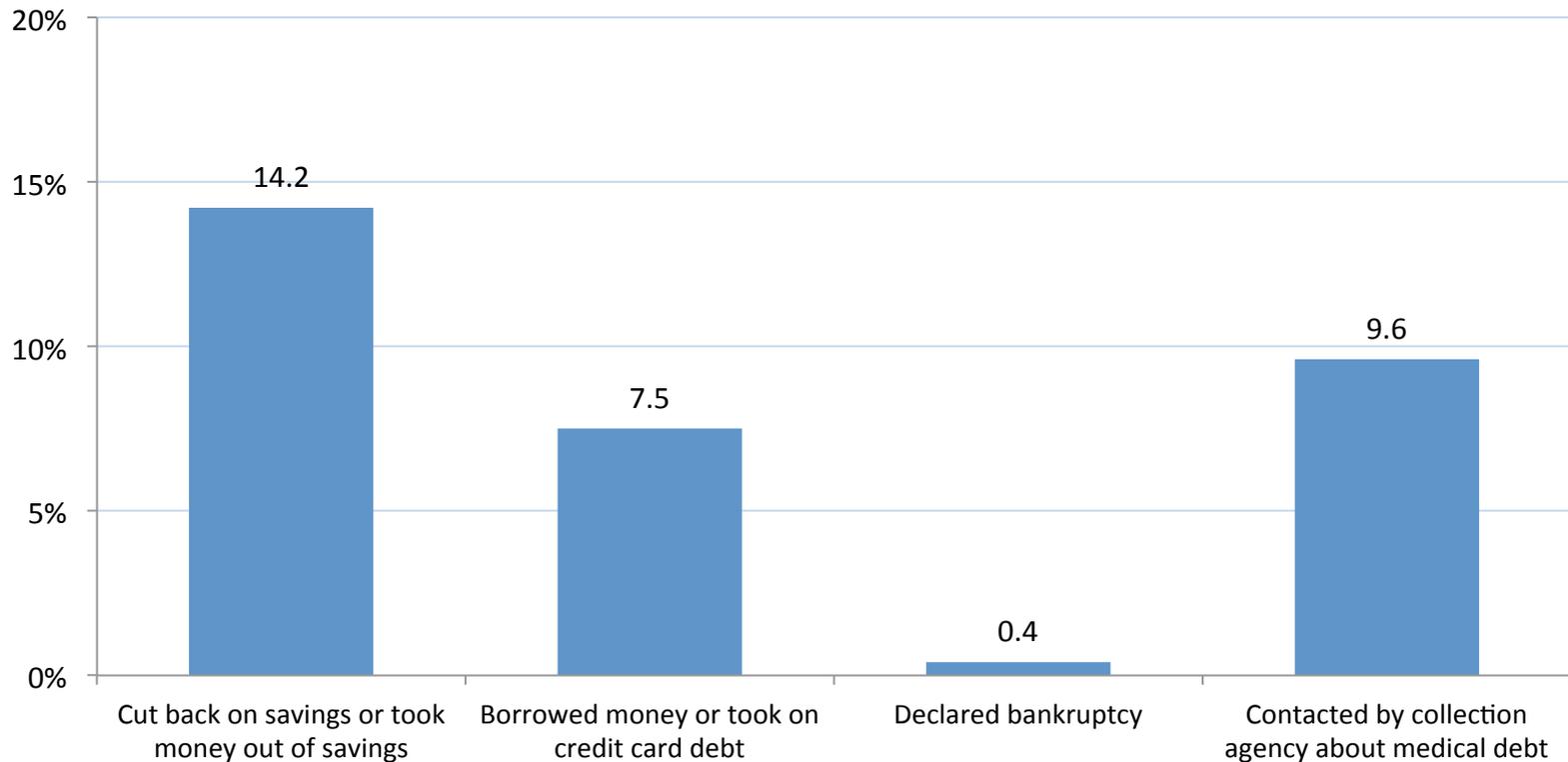
Source: 2015 Massachusetts Health Insurance Survey

Age of Medical Bills Being Paid Off Over Time in Massachusetts in 2015



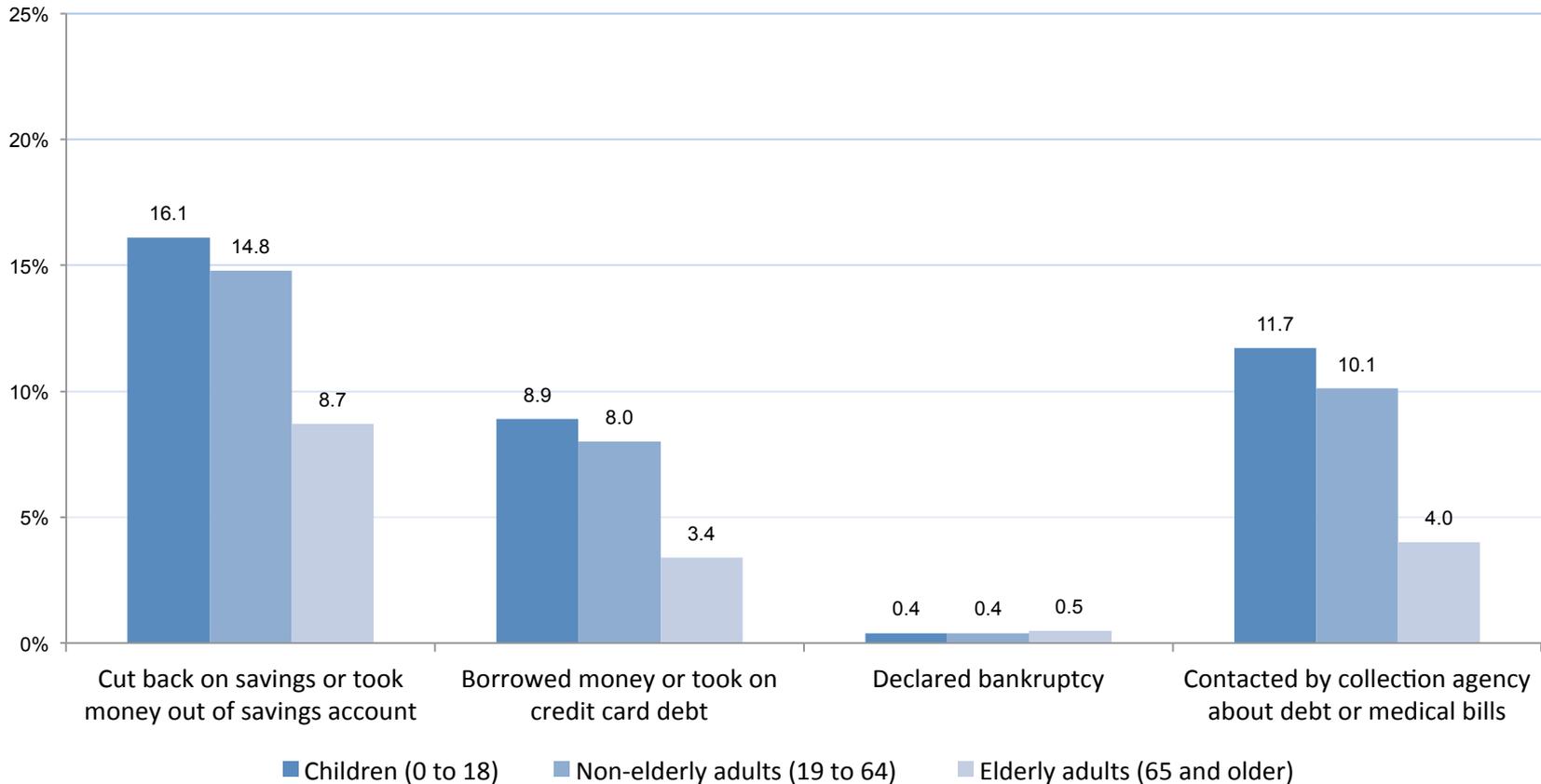
Source: 2015 Massachusetts Health Insurance Survey

Implications of Difficulties with Medical Bills for Families in Massachusetts in 2015



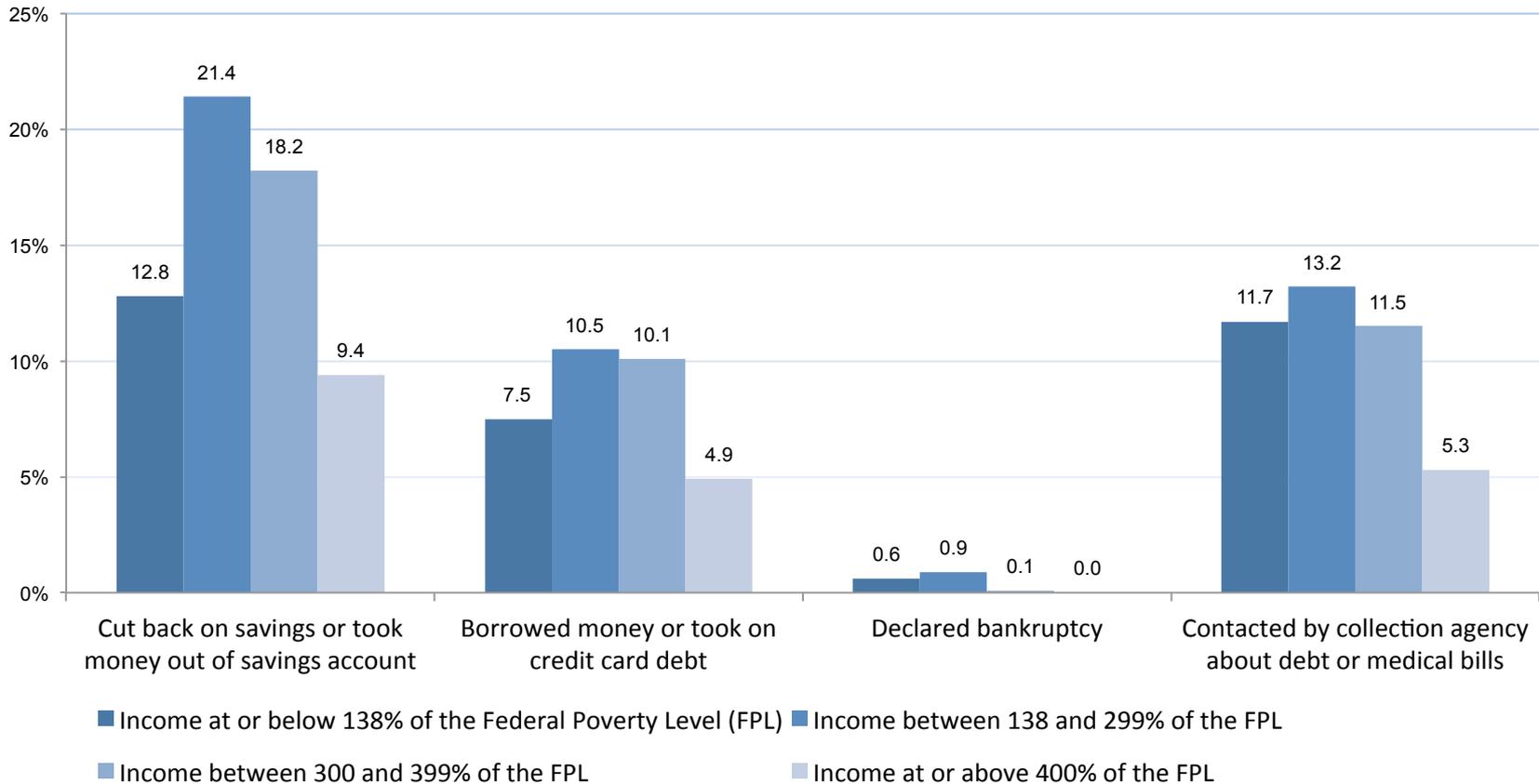
Source: 2015 Massachusetts Health Insurance Survey

Implications of Difficulties Paying Medical Bills in Massachusetts in 2015, Overall and by Age Group



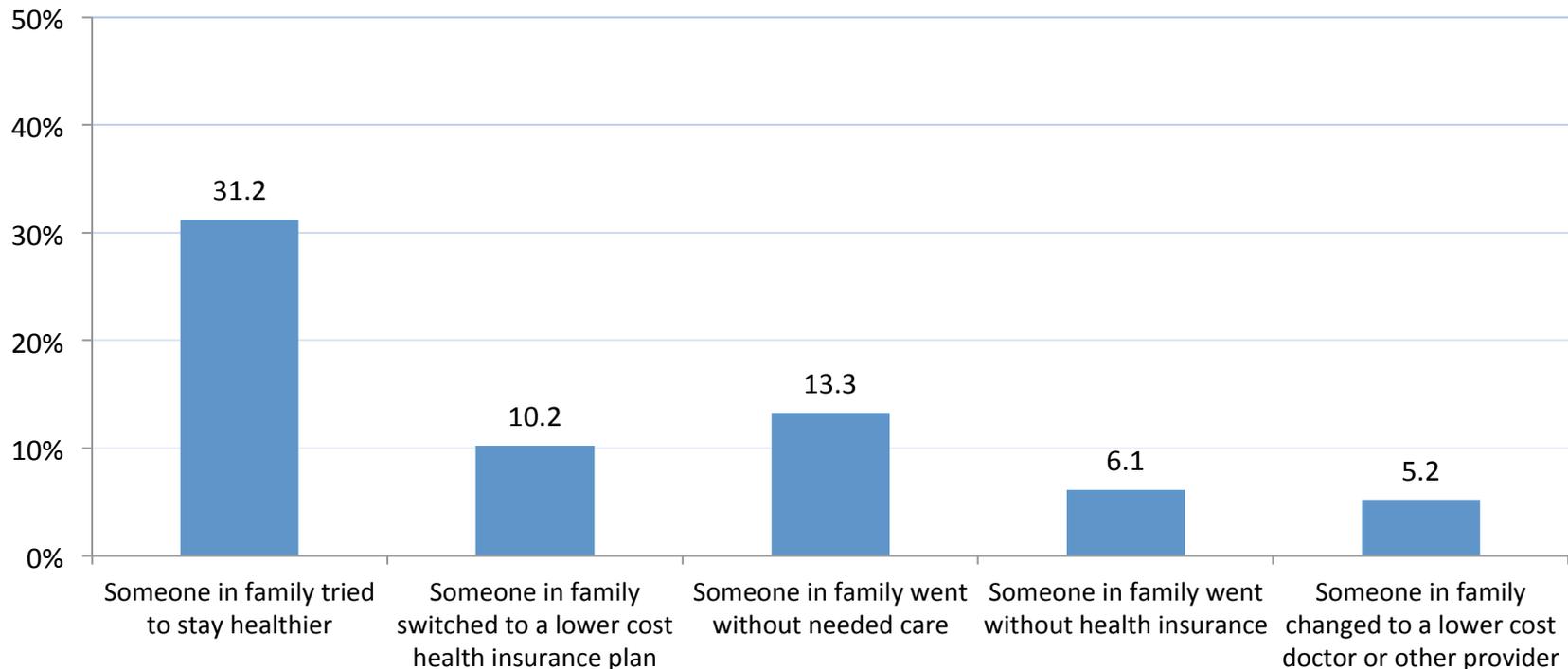
Source: 2015 Massachusetts Health Insurance Survey

Implications of Difficulties Paying Medical Bills in Massachusetts in 2015, by Family Income



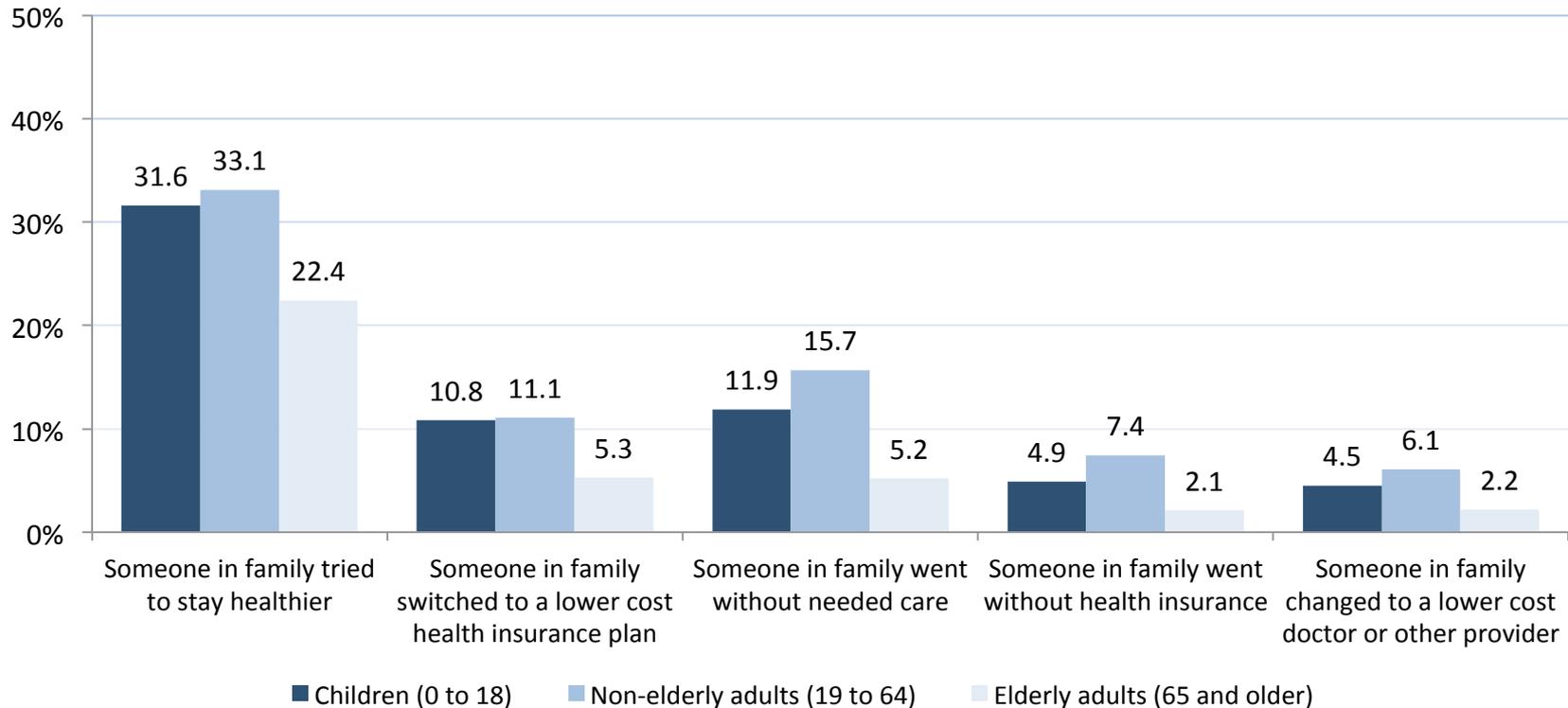
Source: 2015 Massachusetts Health Insurance Survey

Approaches Used by Families to Lower Health Care Costs in Massachusetts in 2015



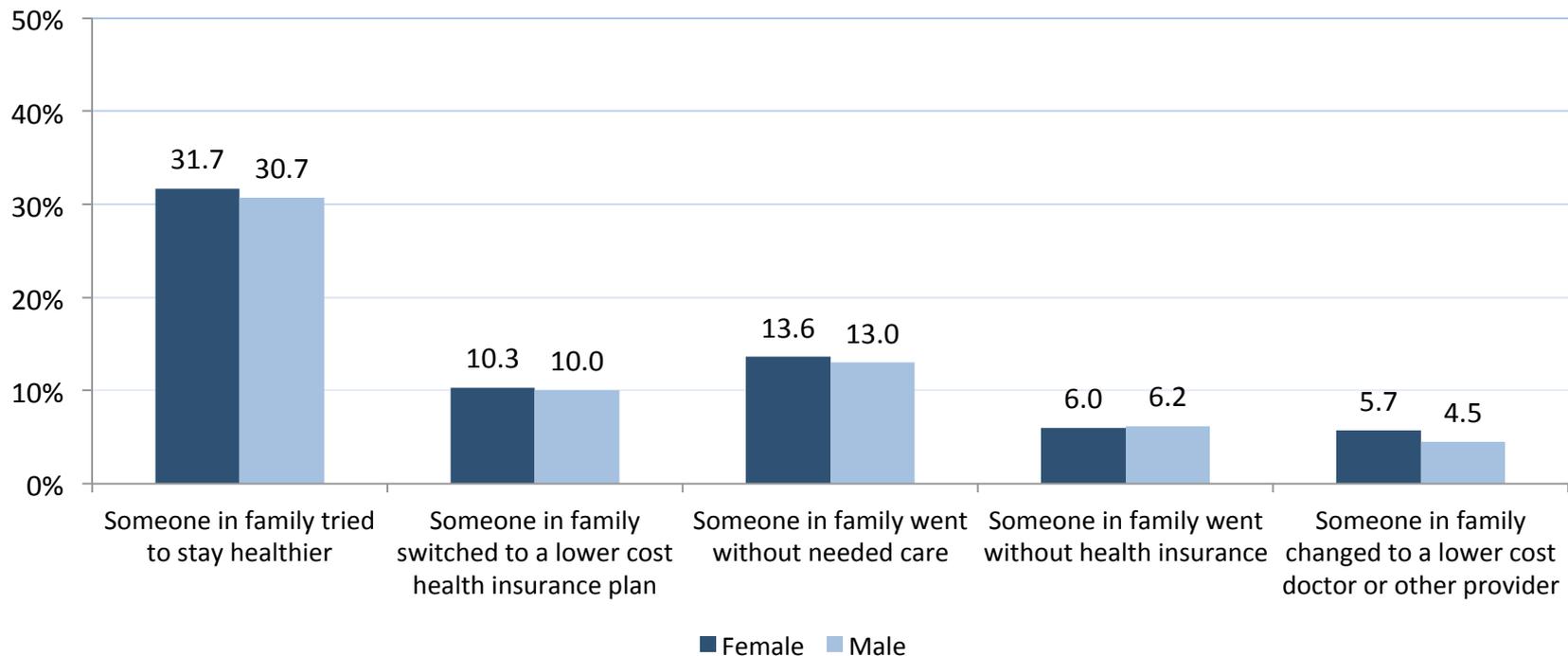
Source: 2015 Massachusetts Health Insurance Survey

Approaches Used by Families to Lower Health Care Costs in Massachusetts in 2015, by Age Group



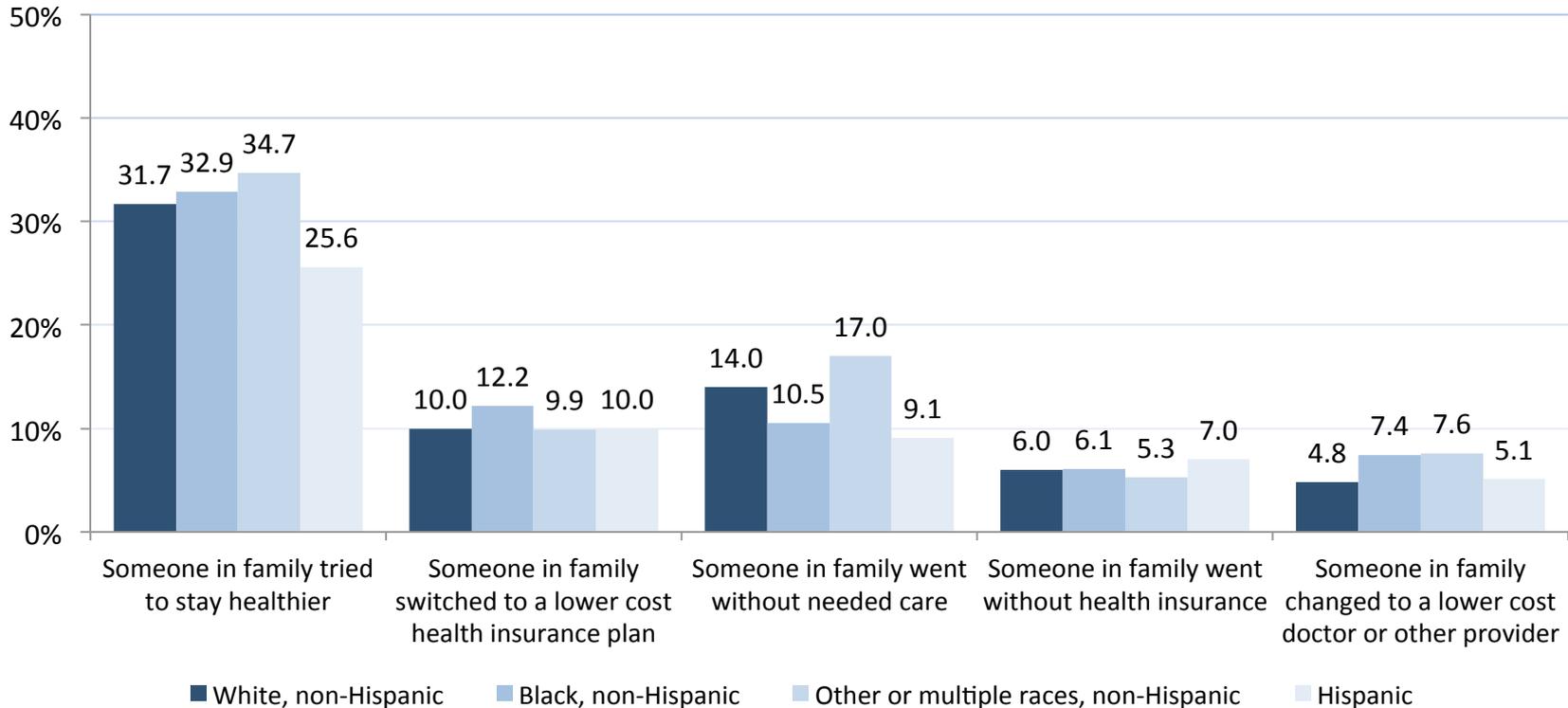
Source: 2015 Massachusetts Health Insurance Survey

Approaches Used by Families to Lower Health Care Costs in Massachusetts in 2015, by Gender



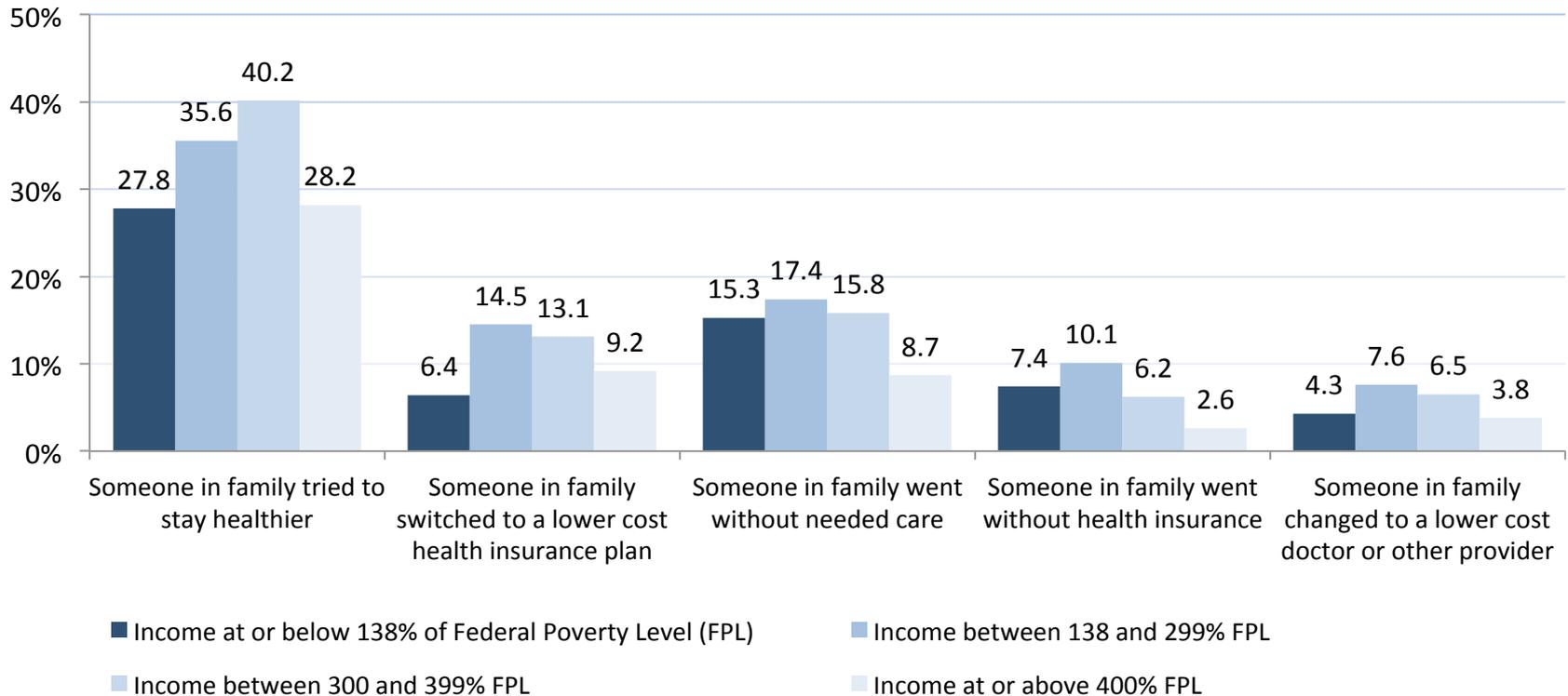
Source: 2015 Massachusetts Health Insurance Survey

Approaches Used by Families to Lower Health Care Costs in Massachusetts in 2015, by Race and Ethnicity



Source: 2015 Massachusetts Health Insurance Survey

Approaches Used by Families to Lower Health Care Costs in Massachusetts in 2015, by Family Income



Source: 2015 Massachusetts Health Insurance Survey

Approaches Used by Families to Lower Health Care Costs in Massachusetts in 2015, by Region

	Someone in family tried to stay healthier (%)	Someone in family switched to lower cost health insurance plan (%)	Someone in family went without needed health care (%)	Someone in family went without health insurance (%)	Someone in family changed to lower cost doctor or other health care provider (%)
Western MA	42.0	13.5	19.2	9.1	8.3
Central MA	34.2	7.2	17.6	7.2	6.1
Northeast MA	30.5	12.2	13.0	6.0	4.6
Metro West	30.6	8.0	9.5	4.3	3.8
Metro Boston	24.7	9.0	9.9	4.4	4.7
Metro South	32.2	11.2	15.1	7.4	5.5
Southcoast	30.8	8.9	9.9	3.8	4.0
Cape and Islands	31.1	8.8	14.2	7.9	2.2

Source: 2015 Massachusetts Health Insurance Survey