

A Key Tool in Health Care: Diabetes Self-Management Education and Training (DSME/T) Rhode Island: Background, Benefits, and Insurance Coverage of DSME/T

This fact sheet provides information about public and private insurance coverage for diabetes self-management education and training (DSME/T)ⁱ services in Rhode Island.

Diabetes and DSME/T in the United States

The nation is in the grips of a diabetes epidemic. According to the Centers for Disease Control and Prevention, 30.3 million Americans have diabetes, exceeding the entire population of Texas. In 2015, 1.5 million adults were diagnosed—more than 4,100 every day. One in 3 adults has prediabetes, which often leads to diabetes.

Some risk factors for developing type 2 diabetes are increased age, higher weight, high blood pressure, high cholesterol, and physical inactivity.³ Further, people of color disproportionately bear the burden of type 2 diabetes and the related health effects. They are more likely to be diagnosed with the disease,¹ are less likely to have positive diabetes control indicators, such as lower A1c levels,⁴ and experience worse health outcomes overall.^{5–7}

Effective diabetes management depends largely on individual self-care, ^{8,9} making DSME/T critical to addressing this epidemic. DSME/T is "the process of facilitating the knowledge, skill, and ability necessary for diabetes self-care." ¹⁰ This process requires incorporating patients' unique needs and experiences into individualized education and support plans that promote new behaviors and solutions. ¹⁰ These solutions include healthy eating, physical activity, self-monitoring, medication use, risk reduction, management of acute and chronic complications, and problem-solving strategies to address psychosocial issues and establish healthy habits. ¹¹

Research shows that by giving patients the tools necessary to better manage their diabetes, DSME/T significantly improves health outcomes^{12–15} and reduces health care expenditures.^{8,9,16–23} Indeed, "persons with diabetes who do not receive [DSME/T] are four times as likely as those who do to develop a major diabetes complication."²⁴

Despite this evidence, participation in DSME/T remains low, ^{25,26} particularly among rural populations, ¹² Medicare²⁷ and Medicaid beneficiaries, ¹⁶ uninsured or underinsured persons, ^{28,29} and "ethnic minorities, older persons, and persons with language barriers and low literacy." ²⁴ Moreover, DSME/T services often do not conform to best practices. ²⁸ To offer the most effective care, providers may consider patterning DSME/T services after the

National Standards for Diabetes Self-Management Education and Support, developed by the American Diabetes Association (ADA) and American Association of Diabetes Educators (AADE).¹¹

Insurance coverage presents one lever for facilitating delivery of and access to high-quality DSME/T. In many states, statutes and regulations require public and private insurers to cover DSME/T services. Some Medicaid materials, including managed care contracts and Medicaid agency guidance, have specific DSME/T coverage requirements. Public health professionals and policymakers may use these statutes, regulations, and Medicaid materials to understand the patterns, trends, and gaps in DSME/T coverage and to identify opportunities for reform.

Diabetes in Rhode Island

As of 2015, approximately 1 in 12 adults in Rhode Island had been diagnosed with diabetes—more than 76,000 individuals in total. Ocmpared with non-Hispanic whites, African Americans in Rhode Island are roughly 2.3 times more likely to have diabetes, and Hispanic individuals in the state are 1.7 times more likely to have it. According to the ADA, an additional 294,000 individuals—36.4% of the state's adult population—have prediabetes.

In 2015, 44% of Rhode Island adults with diabetes reported "fair or poor" general health, and 74.8% reported poor mental or physical health at least 1 day in the past 30 days. ³⁰ Moreover, in 2015, 46.2% of Rhode Island adults with diabetes reported an inability to do usual activities at least 1 day in the past 30 days. ³⁰ However, in 2015, more than 10% of Rhode Island adults with the disease did not visit a health professional for their diabetes, and only 80.3% received 2 or more A1c tests in the past year. ³⁰ The annual medical and economic costs attributable to diabetes in Rhode Island exceeds \$1.5 billion. ³³

RI Diabetes Burden Compared with National Diabetes Burden (Age-Adjusted) ^{30,34}	RI	U.S.
% of Adults with Diagnosed Diabetes (2015)	7.9%	9.1% ⁱⁱⁱ
New Cases of Diabetes / 1,000 Adults (2015)	6.7	6.5
Completed a DSME/T Class ⁱⁱ (2009)	42.4%	57.4%
Daily Self-Monitoring Blood Glucose ii (2009)	54.8%	63.6%
Overweight or Obese ii (2010)	86%	84.7%
Physical Inactivity ii (2010)	41.6%	36.1%
High Blood Pressure ii (2015)	52.1%	57.9% ⁱⁱⁱ
High Cholesterol ii (2015)	52.8%	55.5% ⁱⁱⁱ

¹ DSME/T may also be referred to as diabetes self-management education (DSME), diabetes self-management training (DSMT), or diabetes self-management education and support.

ii Adults with Self-reported Diagnosed Diabetes

iii 50 States + DC: US Median

Current State Insurance Coverage for DSME/T

This section examines DSME/T coverage by the 3 primary sources of health insurance: private insurance, Medicare, and Medicaid. Private insurance includes coverage provided by an employer, purchased through an Affordable Care Act Marketplace, or purchased directly from an insurer. Medicare is a public health insurance program that provides coverage for most individuals ages 65 or older, as well as certain individuals with disabilities. Medicaid is a public health insurance program for many low-income populations, certain individuals with disabilities, and pregnant women. Unlike Medicare, Medicaid limits eligibility based upon an individual's income and assets. These limitations, as well as the services Medicaid covers, vary among the states. These limitations in the services Medicaid covers, vary among the states.

Insurance Type	Private	Medicare	Medicaid
% of State Population ³⁸	64%	13%	17%
Coverage Required	Yes	Part B only	-
Cost Sharing	Varies by plan	Up to 20% copay Deductible	-
Limitations	Prescription or referral required	10 hours within 12 months of initial referral 2 hours annual follow-up training Referral required	-

Private Insurance

Rhode Island requires private health insurance policies to provide coverage for medically necessary DSME/T, including nutrition counseling³⁹ Private insurance covers DSME/T upon an individual's diabetes diagnosis, a significant change in an individual's symptoms or condition, or when an individual needs reeducation or a refresher training.³⁹

A physician must prescribe DSME/T, and the services must be provided by either a) the physician or b) an appropriately licensed and certified health care provider to whom the physician refers the patient.³⁹ DSME/T may be provided in group settings, but private insurance must cover home visits when medically necessary.³⁹ Insurers may impose cost-sharing

requirements equal to or less than those applicable to other covered benefits. 40

Medicare Coverage

Medicare provides recipients with up to 10 hours of outpatient DSME/T in the year following their first referral for DSME/T. 41,42 Subject to limited exception, a recipients may receive 1 hour of private training and 9 hours of group training. A Recipients may qualify for up to 2 hours of follow-up training each year after they receive initial training. To receive coverage for DSME/T, a Medicare recipient must obtain a referral from the health care professional treating the recipient's diabetes and receive the training from an ADA- or AADE-accredited program. A Recipients may be responsible for any applicable deductible and a copay up to 20% of the total cost of DSME/T services.

Medicaid Coverage

Rhode Island's Medicaid program covers all individuals at or below 138% of the federal poverty level (approximately \$33,948 for a family of four in 2017)⁵⁰ as well as certain populations that do not otherwise meet the income eligibility requirements, such as some pregnant women.^{37,51} The program does not explicitly indicate that beneficiaries receive coverage for DSME/T. However, multiple Medicaid managed care organizations in the state indicate that beneficiaries receive coverage for general diabetes education, including self-management.^{53–55}

Conclusion

Research suggests that by empowering patients to manage their diabetes, DSME/T can improve health outcomes and reduce treatment costs. 12-23 Private insurance and Medicaid coverage for DSME/T services may help with the provision of and access to DSME/T. States that already require such coverage might consider building on those efforts by ensuring covered DSME/T services comply with the National Standards. They may also consider reducing barriers to access, such as pre-authorization requirements, cost sharing, and utilization limitations; raising awareness about the availability of DSME/T; and increasing the frequency and duration of DSME/T services.

Resources

Rhode Island Medicaid Information www.dhs.ri.gov

Medicare DSME/T Information http://bit.ly/2wC4pRE

Diabetes Information from the CDC www.cdc.gov/diabetes/

LawAtlas Rhode Island DSME/T Website http://j.mp/2ccQIOi

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