



**A Key Tool in Health Care: Diabetes Self-Management Education and Training (DSME/T)
Montana: 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 Montana.

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,¹ exceeding the entire population of Texas.² In 2015, 1.5 million adults were diagnosed—more than 4,100 every day.¹ One in 3 adults has prediabetes, which often leads to diabetes.¹

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 outcomes¹²⁻¹⁵ 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 Montana

As of 2015, roughly 1 in 15 adults in Montana had been diagnosed with diabetes—more than 63,000 individuals in total.³⁰ In Montana, American Indians and Alaska Natives are more than twice as likely as the general population to have the disease.³¹ According to the ADA, an additional 279,000 individuals—36.4% of the state’s adult population—have prediabetes.³²

In 2015, 35.9% of Montana adults with diabetes reported “fair or poor” general health, and 59.1% reported poor mental or physical health at least 1 day in the past 30 days.³⁰ The state’s Quality Diabetes Education Initiative works with providers and programs to increase the number of Certified Diabetes Educators and recognized or accredited DSME/T programs.³³ Montana adults with diabetes are significantly more likely than adults with diabetes in other states to receive DSME/T.³⁰ The annual medical and economic costs attributable to diabetes in Montana exceeds \$900 million.³⁴

| MT Diabetes Burden Compared with National Diabetes Burden (Age-Adjusted)^{30,35} | MT | U.S. |
|---|-----------|----------------------|
| % of Adults with Diagnosed Diabetes (2015) | 6.7% | 9.1% ⁱⁱⁱ |
| New Cases of Diabetes / 1,000 Adults (2015) | 6.5 | 6.5 |
| Completed a DSME/T Class ⁱⁱ (2010) | 72.4% | 57.4% |
| Daily Self-Monitoring Blood Glucose ⁱⁱ (2010) | 60.6% | 63.6% |
| Overweight or Obese ⁱⁱ (2010) | 88.4% | 84.7% |
| Physical Inactivity ⁱⁱ (2010) | 23.8% | 36.1% |
| High Blood Pressure ⁱⁱ (2015) | 53.7% | 57.9% ⁱⁱⁱ |
| High Cholesterol ⁱⁱ (2015) | 49.1% | 55.5% ⁱⁱⁱ |

ⁱ 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.³⁶ 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.³⁷ These limitations, as well as the services Medicaid covers, vary among the states.³⁸

| Insurance Type | Private | Medicare | Medicaid |
|-------------------------------------|----------------|---|---|
| % of State Population ³⁹ | 52% | 17% | 16% |
| Coverage Required | Yes | Part B only | Yes |
| Cost Sharing | Varies by plan | Up to 20% copay Deductible | Varies |
| Limitations | Not specified | 10 hours within 12 months of initial referral 2 hours annual follow-up training Referral required | 10 hours within 12 months of initial referral 2 hours annual follow-up training Referral required |

Private Insurance

Montana requires all private group health insurance policies, HMOs, state employee benefit plans, and the Montana university system group benefits plans to provide coverage for outpatient DSME/T.⁴⁰⁻⁴² These plans must cover, at minimum, \$250 per person each year for DSME/T.^{43,44} A licensed health care professional with expertise in diabetes must provide DSME/T services.^{40,41} Insurers may impose the same cost-sharing requirements applicable to other covered benefits.^{45,46}

Medicare Coverage

Medicare provides recipients with up to 10 hours of outpatient DSME/T in the year following their first referral for DSME/T.^{47,48} Subject to limited exception,⁴⁹ recipients may receive 1 hour of private training and 9 hours of group training.⁵⁰ Recipients may qualify for up to 2 hours of follow-up training each year after they receive initial training.⁵¹ To receive coverage for DSME/T, a Medicare recipient must obtain a referral from the health care professional treating the recipient's diabetes^{52,53} and receive the training from an ADA- or AADE-accredited program.^{52,54} Recipients may be responsible for any applicable deductible and a copay up to 20% of the total cost of DSME/T services.^{52,55}

Medicaid Coverage

Montana'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)⁵⁶ as well as certain populations that do not otherwise meet the income eligibility requirements, such as some pregnant women.^{38,57} The program provides coverage for DSME/T in accordance with federal Medicare DSME/T standards.⁵⁸

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

Montana Medicaid Information

<http://dphhs.mt.gov/MontanaHealthcarePrograms/MemberServices>

Medicare DSME/T Information

<http://bit.ly/2wC4pRE>

Diabetes Information from the CDC

www.cdc.gov/diabetes/

LawAtlas Montana DSME/T Website

<http://j.mp/2cnyKtA>

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