

Common Opioid Oral Morphine Milligram Equivalent (MME) Conversion Factors

OPIOID (UNITS)	CONVERSION FACTOR
Codeine (mg)	0.15
Fentanyl patch (mcg)	7.2
Hydrocodone (mg)	1
Hydromorphone (mg)	4
Meperidine (mg)	0.1
Morphine (mg)	1
Oxycodone (mg)	1.5
Tramadol (mg)	0.1

To calculate daily MME

MME/day = Dose size x Doses/Day x MME Factor

Example: Tramadol 50 mg BID

50 mg/dose x 2 Doses/day x 0.1 = 10 mg/day



NOTES

1. Buprenorphine used for opioid use disorder is exempt from daily MME restrictions.
2. For additional opioid medication conversion factors, please see the full table at:
unmc.edu/NebraskaGWEP
3. Reference: **<https://www.hhs.gov/guidance/sites/default/files/hhs-guidance-documents/Opioid%20Morphine%20EQ%20Conversion%20Factors%20%28vFeb%202018%29.pdf>**

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