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| **CGM Variable** | **Definition** |
| percent\_cgm\_wear | The number of sensor readings as a percentage of the number of potential readings (given time worn). |
| average\_sensor | Mean of all sensor glucose values |
| estimated\_a1c | Estimated HbA1c based on the equation: (46.7 + average glucose in mg/dL) / 28.7[1] |
| gmi | Glucose management indicator based on the equation: 3.31 + (0.02392 × average glucose in mg/dL)7 |
| q1\_sensor | First quartile sensor glucose value |
| median\_sensor | Median sensor glucose value |
| q3\_sensor | Third quartile sensor glucose value |
| standard\_deviation | Standard deviation of all sensor glucose values |
| cv | Coefficient of variation of all sensor glucose values (SD/mean) |
| min\_sensor | Minimum of all sensor glucose values |
| max\_sensor | Maximum of all sensor glucose values |
| excursions\_over\_\*\*\* | The number of local glucose peaks with an amplitude greater than \*\*\* mg/dL |
| min\_spent\_over\_\*\*\* | The total length of time that sensor glucose was at or above \*\*\* mg/dL |
| percent\_time\_over\_\*\*\* | Minutes spent above \*\*\* mg/dL, as a percentage of the total time CGM was worn |
| avg\_excur\_over\_\*\*\*\_per\_day | The number of glucose peaks above \*\*\* mg/dL averaged per 24-hour period of CGM wear |
| min\_spent\_under\_\*\* | The total length of time that sensor glucose was at or below \*\* mg/dL |
| percent\_time\_under\_\*\* | Minutes spent below \*\* mg/dL, as a percentage of the total time CGM was worn |
| min\_spent\_70\_180 | Minutes spent in the range 70 – 180 mg/dL (inclusive) |
| percent\_time\_70\_180 | Minutes spent in the range 70 – 180 mg/dL (inclusive), as a percentage of the total time CGM was worn |
| daytime\_\*\*\* | \*\*\* of all sensor glucose values during specified daytime hours |
| nighttime\_\*\*\* | \*\*\* of all sensor glucose values during specified nighttime hours |
| auc | Approximate area under the sensor glucose curve, calculated using the trapezoidal rule |
| r\_mage | MAGE calculated according to Baghurst’s algorithm |
| j\_index | Calculated based on the equation: 0.324 × (average glucose in mg/dL + standard deviation of glucose levels)^211 |
| conga | Continuous overall net glycemic action, default n = 1 hour11 |
| modd | Mean of daily differences |
| lbgi | Low blood glucose index |
| hbgi | High blood glucose index |