**Supplemental Table 2**

ICD-9 CM codes used to identify obstructive sleep apnea and obesity

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| --- | --- |
| Description | ICD-9 CM code |
| **OSA** |  |
| Hypersomnia with sleep apnea, unspecified | 780.53 |
| Insomnia with sleep apnea, unspecified | 780.51 |
| Unspecified sleep apnea | 780.57 |
| Organic sleep apnea, unspecified | 327.20 |
| Primary central sleep apnea | 327.21 |
| Obstructive sleep apnea (adult)(pediatric) | 327.23 |
| Central sleep apnea in conditions classified elsewhere | 327.27 |
| Other organic sleep apnea | 327.29 |
|  |  |
| **Obesity** *(Elixhauser definition)* |  |
| Obesity, unspecified | 278.00 |
| Morbid obesity | 278.01 |
| Overweight | 278.03 |
| Image test inconclusive due to excess body fat | 793.91 |
| Obesity complicating pregnancy, childbirth, or the puerperium | 649.1X |
| Body Mass Index between 30-39, adult | V85.3X |
| Body Mass Index 40 and over, adult | V83.4X |
| Body Mass Index, pediatric, greater than or equal to 95th percentile for age | V85.54 |