



2024

## Aggregate Wear Index Determination MTM 112 (A.W.I.)

### Source: 30-0045SG Hillsdale

*To use this data for Hot Mix Asphalt Mix Design calculation of the Aggregate Wear Index:*

Locate the crush percent of the component in your mix design under the Crush column and enter the AWI for that crush on your design.

If your material crush is in between numbers, round to the nearest 5 or 0.

A 93% crush would use the 95% crush number, a 92% crush would use the 90% crush number.

*If you have any questions about this chart, the data in it or the source information, please contact the Michigan Department of Transportation's Aggregate Quality Unit:*

*[MDOT-AggregateQuality@michigan.gov](mailto:MDOT-AggregateQuality@michigan.gov)*

| Crush % | A.W.I. |
|---------|--------|
| 100     | 291    |
| 95      | 287    |
| 90      | 283    |
| 85      | 280    |
| 80      | 276    |
| 75      | 272    |
| 70      | 268    |
| 65      | 265    |
| 60      | 261    |
| 55      | 257    |
| 50      | 253    |
| 45      | 249    |
| 40      | 246    |
| 35      | 242    |
| 30      | 238    |
| 25      | 234    |
| 20      | 230    |
| 15      | 227    |
| 10      | 223    |
| 5       | 219    |
| 0       | 215    |

## 30-045 Historical

Thursday, November 2, 2023