



2025

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

Source: 78-0035SG Sturgis

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

Crush %	A.W.I.
100	296
95	292
90	288
85	284
80	281
75	277
70	273
65	269
60	265
55	261
50	258
45	254
40	250
35	246
30	242
25	238
20	234
15	231
10	227
5	223
0	219

78-035 Historical