



2024

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

Source: 33-0103SG Backus #2

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	302
95	298
90	294
85	290
80	286
75	282
70	278
65	275
60	271
55	267
50	263
45	259
40	255
35	251
30	247
25	243
20	239
15	235
10	231
5	227
0	223

33-103 Historical