

# MEASURED PAVEMENT METADATA - 2020 1/ HPMS DATA REPORTING DETAILS - IRI EQUIPMENT TYPE

TABLE HM-66  
SHEET 1 OF 14

# **MEASURED PAVEMENT METADATA - 2020 1/ HPMS DATA REPORTING DETAILS - IRI INTERVAL (FEET)**

**TABLE HM-66**  
**SHEET 2 OF 14**

For footnotes, see Footnotes Page.

**MEASURED PAVEMENT METADATA - 2020 1/  
HPMS DATA REPORTING DETAILS - IRI SAMPLE INTERVAL (INCHES)**

TABLE HM-66  
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STATE	RURAL												URBAN												
	STATE OWNED						NON-STATE OWNED						STATE OWNED						NON-STATE OWNED						
	OTHER FREEWAYS INTERSTATE & EXPRESSWAYS	PRINCIPAL ARTERIAL	OTHER ARTERIAL	MINOR COLLECTOR	MAJOR COLLECTOR	MINOR LOCAL	OTHER FREEWAYS INTERSTATE & EXPRESSWAYS	PRINCIPAL ARTERIAL	OTHER ARTERIAL	MINOR COLLECTOR	MAJOR COLLECTOR	MINOR LOCAL	OTHER FREEWAYS INTERSTATE & EXPRESSWAYS	PRINCIPAL ARTERIAL	OTHER ARTERIAL	MINOR COLLECTOR	MAJOR COLLECTOR	MINOR LOCAL	OTHER FREEWAYS INTERSTATE & EXPRESSWAYS	PRINCIPAL ARTERIAL	OTHER ARTERIAL	MINOR COLLECTOR	MAJOR COLLECTOR	MINOR LOCAL	
Alabama	0.8	0.8	0.8	0.8	0.8	-	-	0.8	0.8	0.8	0.8	0.8	-	0.8	0.8	0.8	0.8	-	-	0.8	0.8	0.8	0.8	0.8	
Alaska	1.0	-	1.0	1.0	1.0	1.0	-	1.0	-	1.0	-	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Arizona	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	
Arkansas	0.1	0.1	0.1	0.1	0.1	0.1	-	-	0.1	-	0.1	0.1	-	0.1	0.1	0.1	0.1	0.1	-	0.1	0.1	0.1	0.1	0.1	
California	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Colorado	1.0	1.0	1.0	1.0	1.0	1.0	-	-	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Connecticut	3.9	3.9	3.9	3.9	3.9	3.9	-	-	-	3.9	3.9	3.9	-	3.9	3.9	3.9	3.9	3.9	-	-	3.9	3.9	3.9	3.9	3.9
Delaware	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	
Florida	0.8	1.0	1.0	1.0	1.0	1.0	-	1.0	-	1.0	-	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Georgia	1.0	1.0	1.0	1.0	1.0	1.0	-	-	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Hawaii	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Illinois	2.0	2.0	2.0	2.0	2.0	2.0	-	2.0	-	2.0	-	2.0	-	2.0	2.0	2.0	2.0	2.0	-	2.0	2.0	2.0	2.0	2.0	
Indiana	-	-	-	0.2	0.2	0.2	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	-	-	0.2	0.2	0.2	0.2	
Iowa	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kansas	0.1	0.1	0.1	0.1	0.1	0.1	-	0.1	-	0.1	-	0.1	-	0.1	0.1	0.1	0.1	0.1	-	0.1	0.1	0.1	0.1	0.1	
Kentucky	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	-	-	1.0	1.0	1.0	1.0	
Louisiana	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	-	1.0	-	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Maryland	253.4	-	253.4	253.4	253.4	253.4	-	-	253.4	253.4	253.4	253.4	-	253.4	253.4	253.4	253.4	-	253.4	253.4	253.4	253.4	-		
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	4.0	4.0	4.0	4.0	-	-	4.0	4.0	4.0	-	
Michigan	4.0	4.0	4.0	4.0	4.0	4.0	-	-	-	-	-	-	-	4.0	4.0	4.0	4.0	4.0	-	-	4.0	4.0	4.0	-	
Minnesota	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	-	-	1.0	1.0	1.0	-	
Mississippi	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	-	1.0	-	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Missouri	5.0	5.0	5.0	5.0	5.0	5.0	-	5.0	-	5.0	-	5.0	-	5.0	5.0	5.0	5.0	5.0	-	5.0	5.0	5.0	5.0	5.0	
Montana	0.8	-	0.8	0.8	0.8	0.8	-	0.8	-	0.8	-	0.8	-	0.8	0.8	0.8	0.8	0.8	-	0.8	0.8	0.8	0.8	0.8	
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
New Hampshire	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	-	1.0	-	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
New Mexico	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	
New York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
North Carolina	0.8	0.8	0.8	0.8	0.8	0.8	-	0.8	-	0.8	-	0.8	-	0.8	0.8	0.8	0.8	0.8	-	0.8	0.8	0.8	0.8	0.8	
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	1.6	1.6	1.6	1.6	-	-	1.6	1.6	1.6	-	
Ohio	0.8	0.8	0.8	0.8	0.8	0.8	-	0.8	-	0.8	-	0.8	-	0.8	0.8	0.8	0.8	0.8	-	0.8	0.8	0.8	0.8	0.8	
Oklahoma	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	-	1.0	-	1.0	-	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	
Oregon</td																									

# **MEASURED PAVEMENT METADATA - 2020 1/ S DATA REPORTING DETAILS - IRI PAVEMENT REPORTING METHOD**

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MEASURED PAVEMENT METADATA - 2020 1/  
HPMS DATA REPORTING DETAILS - RUTTING METHOD

**TABLE HM-66  
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# **MEASURED PAVEMENT METADATA - 2020 1/ PMS DATA REPORTING DETAILS - RUTTING EQUIPMENT TYPE**

TABLE HM-66  
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# **MEASURED PAVEMENT METADATA - 2020 1/ PMS DATA REPORTING DETAILS - RUTTING NUMBER OF SENSORS**

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**MEASURED PAVEMENT METADATA - 2020 1/  
HPMS DATA REPORTING DETAILS - RUTTING INTERVAL (FEET)**

TABLE HM-66  
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# **MEASURED PAVEMENT METADATA - 2020 1/ HPMS DATA REPORTING DETAILS - RUTTING TRANSVERSE PROFILE INVERVAL (INCHES)**

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# MEASURED PAVEMENT METADATA - 2020 1/ HPMS DATA REPORTING DETAILS - FAULTING INVERVAL (INCHES)

TABLE HM-66  
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OCTOBER 2021	SHEET 10 OF 14																										
STATE	RURAL														URBAN												
	STATE OWNED							NON-STATE OWNED							STATE OWNED						NON-STATE OWNED						
	INTERSTATE	OTHER FREEWAYS & EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	INTERSTATE	OTHER FREEWAYS & EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	INTERSTATE	OTHER FREEWAYS & EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR	LOCAL	INTERSTATE	OTHER FREEWAYS & EXPRESSWAYS	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	MAJOR COLLECTOR	MINOR COLLECTOR
Alabama	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alaska	-	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-
Arizona	528.0	528.0	528.0	528.0	528.0	528.0	528.0	-	-	-	-	-	-	-	-	528.0	528.0	528.0	528.0	528.0	-	-	-	-	-	-	-
Arkansas	-	0.2	0.2	0.2	0.2	0.2	0.2	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
California	-	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	0.1	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Georgia	-	0.1	0.1	0.1	0.1	0.1	0.1	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Hawaii	-	54.0	54.0	54.0	54.0	54.0	54.0	-	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
Idaho	-	-	-	-	-	-	-	-	6,336.0	6,336.0	6,336.0	6,336.0	6,336.0	6,336.0	6,336.0	-	-	-	-	-	6,336.0	6,336.0	6,336.0	6,336.0	6,336.0	6,336.0	
Illinois	-	2.0	2.0	2.0	2.0	2.0	2.0	-	2.0	2.0	2.0	2.0	2.0	2.0	2.0	-	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Indiana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iowa	-	0.2	-	-	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Kansas	-	0.1	0.1	0.1	0.1	0.1	0.1	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Kentucky	-	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Louisiana	-	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maryland	-	253.4	-	253.4	253.4	253.4	253.4	-	-	253.4	253.4	253.4	253.4	253.4	253.4	-	253.4	253.4	253.4	253.4	253.4	253.4	253.4	253.4	253.4	253.4	
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Michigan	-	1.0	1.0	1.0	1.0	1.0	1.0	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Minnesota	-	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Missouri	-	2.0	2.0	2.0	2.0	2.0	2.0	-	2.0	2.0	2.0	2.0	2.0	2.0	2.0	-	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Montana	-	0.8	-	0.8	0.8	0.8	0.8	-	-	-	-	-	-	-	-	-	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Nebraska	-	528.0	528.0	528.0	528.0	528.0	528.0	-	-	528.0	528.0	528.0	528.0	528.0	528.0	-	528.0	528.0	528.0	528.0	528.0	528.0	528.0	528.0	528.0	528.0	
Nevada	-	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New Jersey	-	528.0	-	528.0	528.0	528.0	528.0	-	-	528.0	528.0	528.0	528.0	528.0	528.0	-	528.0	528.0	528.0	528.0	528.0	528.0	528.0	528.0	528.0	528.0	
New Mexico	-	0.2	-	0.2	0.2	0.2	0.2	-	-	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
New York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Carolina	-	0.8	0.8	0.8	0.8	0.8	0.8	-	0.8	0.8	0.8	0.8	0.8	0.8	0.8	-	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
North Dakota	-	1.0	-	1.0	1.0	1.0	1.0	-	-	-	-	-															

# MEASURED PAVEMENT METADATA - 2020 1/ HPMS DATA REPORTING DETAILS - FAULTING METHOD

**TABLE HM-66**

# MEASURED PAVEMENT METADATA - 2020 1/ PMS DATA REPORTING DETAILS - FAULTING EQUIPMENT TYPE

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**SURED PAVEMENT METADATA - 2020 1/  
REPORTING DETAILS CRACKING PERCENT EQUIPMENT**

TABLE HM-66  
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# **MEASURED PAVEMENT METADATA - 2020 1/ MS DATA REPORTING DETAILS - CRACKING METHOD**

TABLE HM-66

# **MEASURED PAVEMENT METADATA - 2020 1/ HPMS DATA REPORTING DETAILS**

HM-66 Footnotes Page:

1/ Information in this table is intended to represent State data collection and HPMS reporting practices as submitted to FHWA and may not necessarily reflect practices used for other State purposes. Please see the *HPMS Field Manual* for details.

Definitions:

IRI Equipment Type - Type of equipment used predominantly for measuring the International Roughness Index (IRI).

IRI Interval - Longitudinal distance between the outputs of a profile index (IRI) value. (Ref: AASHTO Designation: M328-14; 3.1.15)

IRI Sample Interval - Longitudinal distance between data capture points. These data points are combined to create one profile data point. These points, in turn, may be combined to create a final value in the reported profile. (Ref: AASHTO Designation M328-14; 3.1.18)

Pavement Reporting Method - Reporting method for pavement distresses and related data items (e.g., IRI, PSR, Surface Type, etc.) associated with divided Interstate roadway section.

Rutting Method - Method (Manual or Automated) used to collect most of the rutting data.

Rutting Equipment Type - Type of equipment used predominately for collection of rutting data.

Rutting Number of Sensors - Number of sensors for the equipment used predominately for collection of rutting data.

Rutting Interval - For manual rutting method: sampling interval. (Ref: AASHTO Designation R48-10(2013); 7.1.6) or  
for automatic rutting method: report interval—the travel distance between the reported data. (Ref: AASHTO Designation PP70-14 (2016); 4.2)

Rutting Transverse Profile Interval - Transverse profile data point separation distance. (Ref: AASHTO Designation PP70-14 (2016); 5.1)

Faulting Interval - Sampling interval. (Ref: AASHTO Designation R36-13; 5.2.5)

Faulting Method - Method (Manual or Automated) used to collect most of the faulting data.

Faulting Equipment Type - Type of equipment used predominately for measuring the faulting data.

Cracking Percent Equipment - Type of equipment used predominately for measuring the percent of cracking (Cracking\_Percent).

Cracking Method - Protocol used to identify pavement distresses.