

**Tri-State Performance Measure  
2011 Pavement Condition - International Roughness Index (IRI)**

Percentage based on Miles

Functional Class *	Collected Miles in Functional Class			Good			Fair			Poor											
	ME	NH	VT	ME	NH	VT	ME	NH	VT	ME	NH	VT									
	Percent	Miles	Percent	Miles	Percent	Miles	Percent	Miles	Percent	Miles	Percent	Miles									
1	732	452	640	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 170 in/mi			IRI > 170 in/mi											
				84%	615	89%	400	100%	638	15%	112	10%	45	0%	2						
2	32	146	15	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				63%	20	89%	130	85%	13	33%	11	9%	14	15%	2						
3	942	559	457	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				53%	501	62%	344	54%	247	43%	407	34%	190	45%	208						
4	1249	877	817	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				37%	467	48%	420	5%	37	54%	671	43%	378	94%	769						
5	3729	1320	1175	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				15%	577	28%	367	11%	128	61%	2262	55%	720	81%	960						
6	2157	841	9	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				4%	81	11%	90	15%	1	55%	1192	48%	407	6%	1						
7	394			IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				7%	28	7%	28	37%	144	37%	144	37%	144	37%	144						
Total	8840	4590	3114	26%	2260	39%	1779	34%	1064	53%	4654	41%	1898	62%	1932	22%	1926	20%	913	4%	118

Percentage based on VMT (Vehicle Miles Traveled)

Functional Class *	VMT in Functional Class (x10 <sup>3</sup> )			Good			Fair			Poor											
	ME	NH	VT	ME	NH	VT	ME	NH	VT	ME	NH	VT									
	Percent	VMT	Percent	VMT	Percent	VMT	Percent	VMT	Percent	VMT	Percent	VMT									
1	3050	7711	4499	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 170 in/mi			IRI > 170 in/mi											
				86%	2618	93%	7157	99%	4460	14%	425	7%	502	1%	39						
2	142	3471	137	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				73%	104	90%	3125	89%	122	24%	34	8%	284	11%	15						
3	2582	6536	3169	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				50%	1289	60%	3920	45%	1428	45%	1167	35%	2271	54%	1725						
4	2684	7139	3200	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				35%	932	47%	3338	5%	160	57%	1539	44%	3168	93%	2967						
5	3158	4266	2390	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				18%	582	34%	1471	15%	360	62%	1964	53%	2272	79%	1883						
6	835	434	6	IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				6%	49	17%	72	58%	4	57%	476	56%	243	3%	0						
7	160			IRI < 95 in/mi			IRI ≥ 95 in/mi and ≤ 220 in/mi			IRI > 220 in/mi											
				19%	30	19%	30	51%	81	51%	81	51%	81	51%	81						
Total	12451	29718	13401	44%	5574	64%	19114	49%	6534	45%	5842	30%	8821	49%	6629	11%	1270	6%	1782	2%	238

Functional Classes	Good	Fair	Poor
1 Interstate	IRI < 95	IRI ≥ 95 and ≤ 170	IRI > 170
2 Other Freeways and Expressways	IRI < 95	IRI ≥ 95 and ≤ 170	IRI > 170
3 Other Principal Arterial	IRI < 95	IRI ≥ 95 and ≤ 220	IRI > 220
4 Minor Arterial	IRI < 95	IRI ≥ 95 and ≤ 220	IRI > 220
5 Major Collector	IRI < 95	IRI ≥ 95 and ≤ 220	IRI > 220
6 Minor Collector	IRI < 95	IRI ≥ 95 and ≤ 220	IRI > 220
7 Local	IRI < 95	IRI ≥ 95 and ≤ 220	IRI > 220

**Notes:**

1. Divided highways are reported in barrel miles and all other roads are reported in centerline miles.
2. New Hampshire data is comprised of data collected with the Pathway vehicle. The Interstate, Turnpikes, NH Routes, and US Routes were collected in 2011. Unnumbered roads were collected in 2010. IRI data for Interstates and Turnpikes was recorded in the right most travel lane.
3. Maine data is comprised of data collected with the ARAN vehicle in 2010 and 2011 (all Interstate data is from 2011).
4. Vermont condition data is comprised of data collected by Fugro-Roadware and VAOT in 2012. Vermont traffic data is from 2010.