

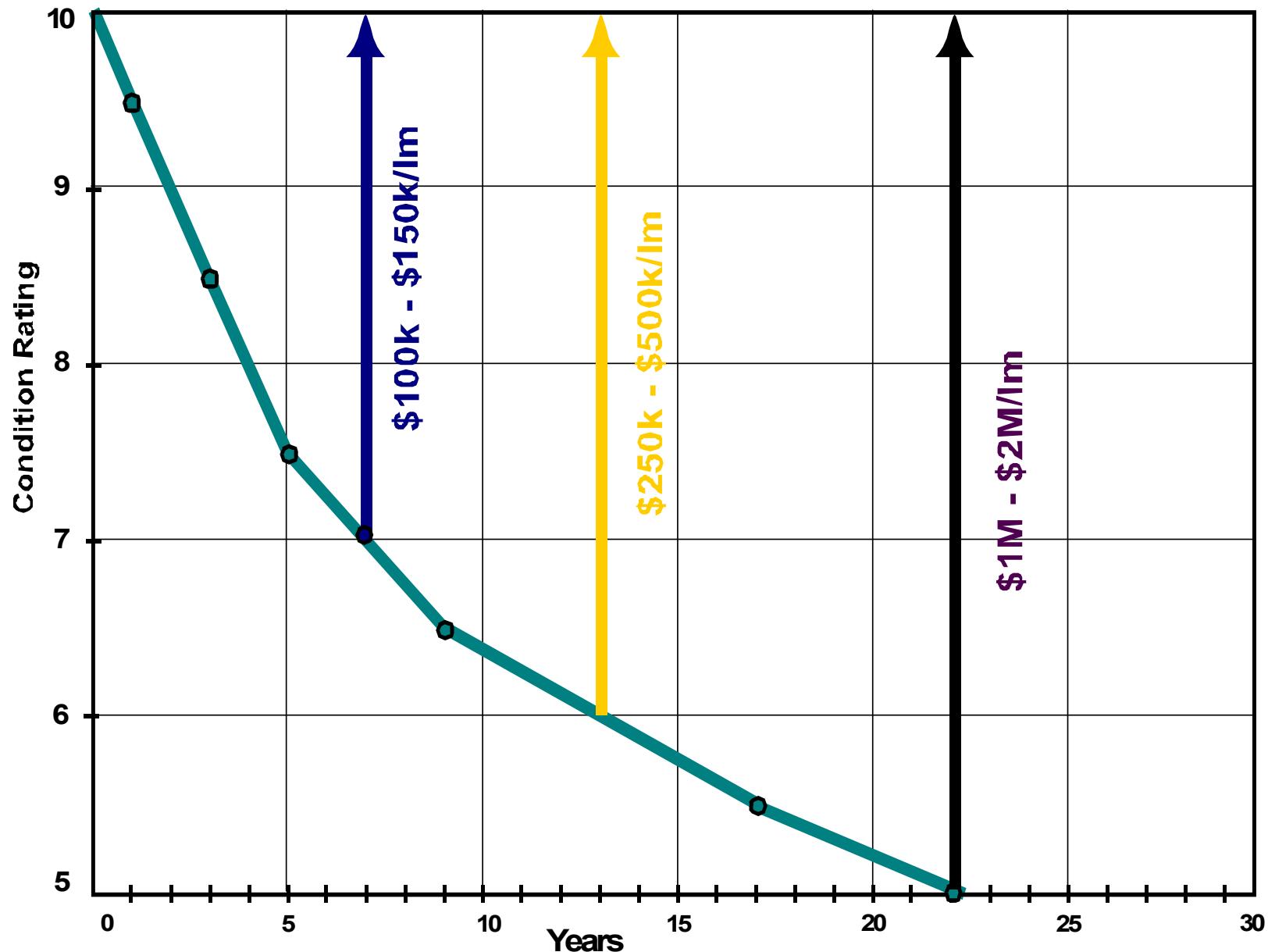
Pavement Preservation

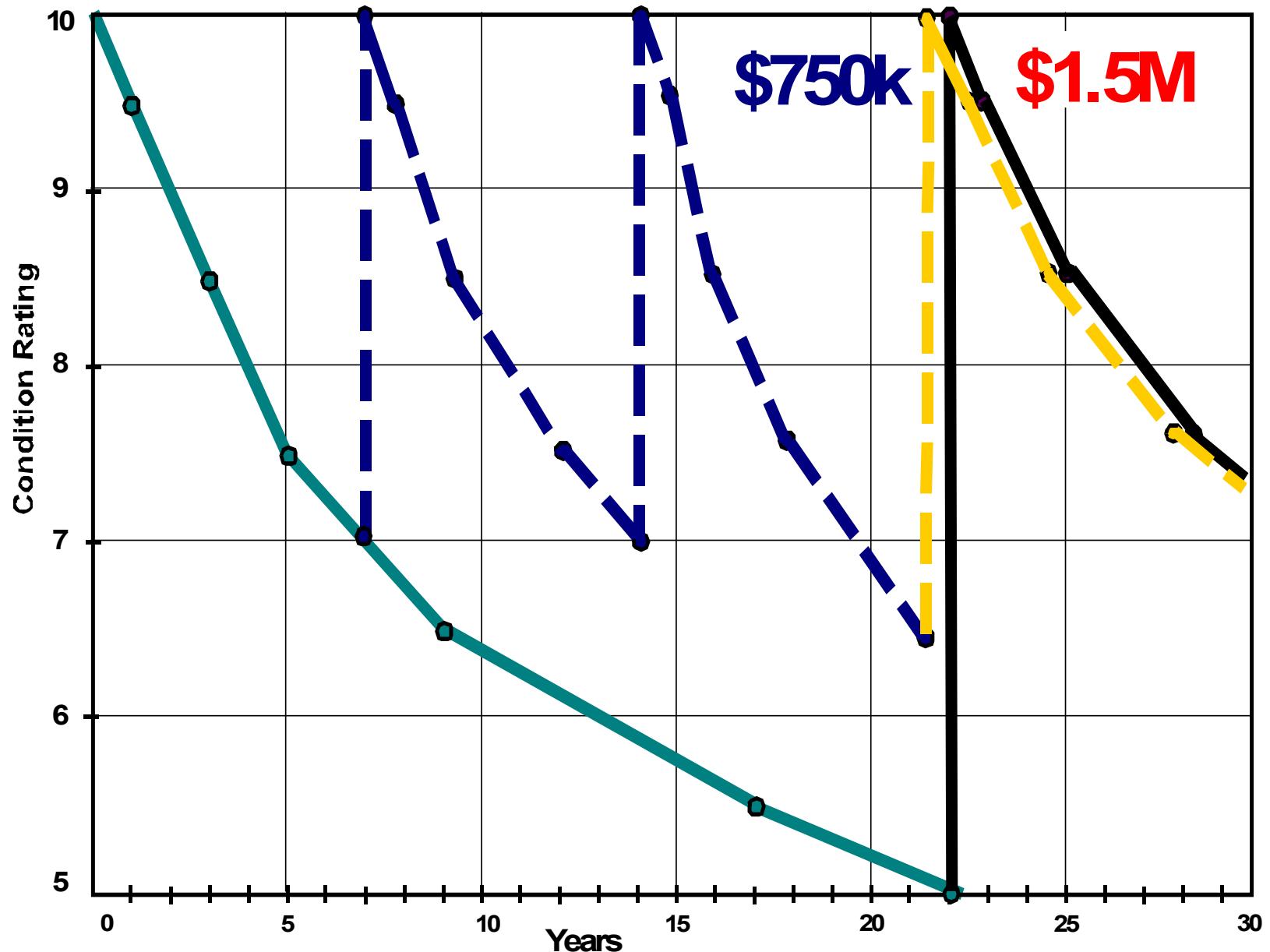
A Rational Strategy to
Save What You Can



Yankee Fan

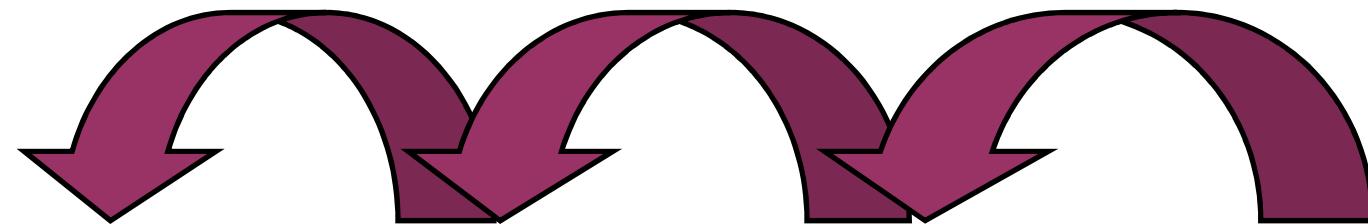






Lane Miles

Worst First

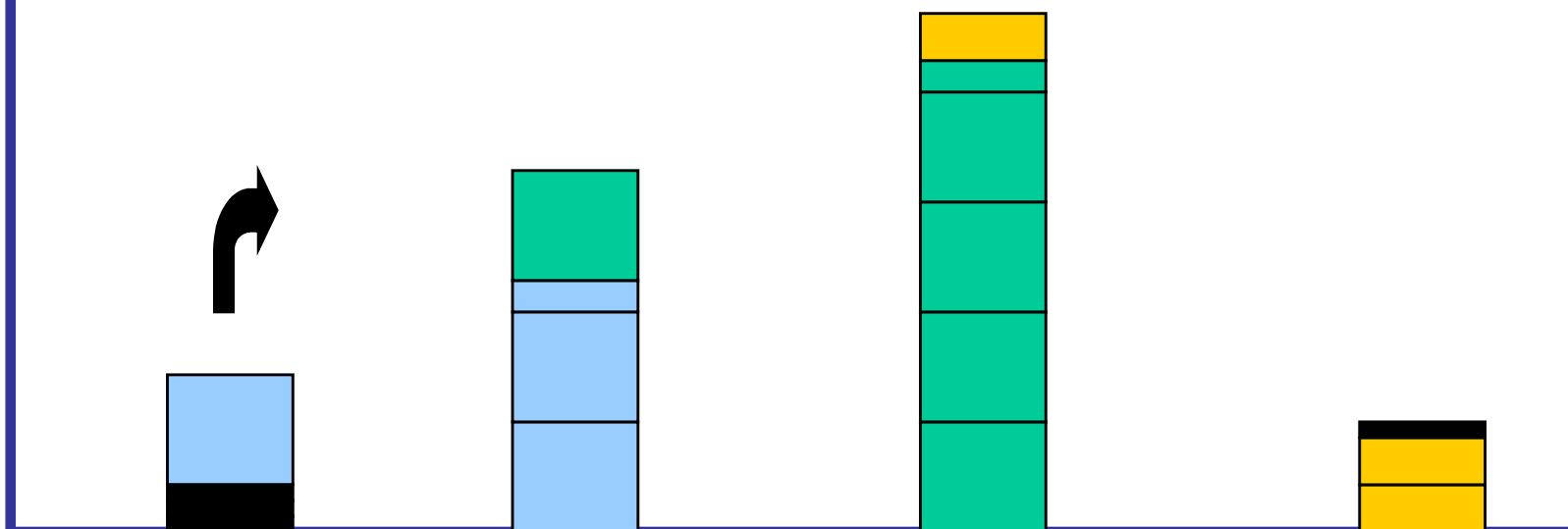


Poor

Fair

Good

Excel



Lane Miles

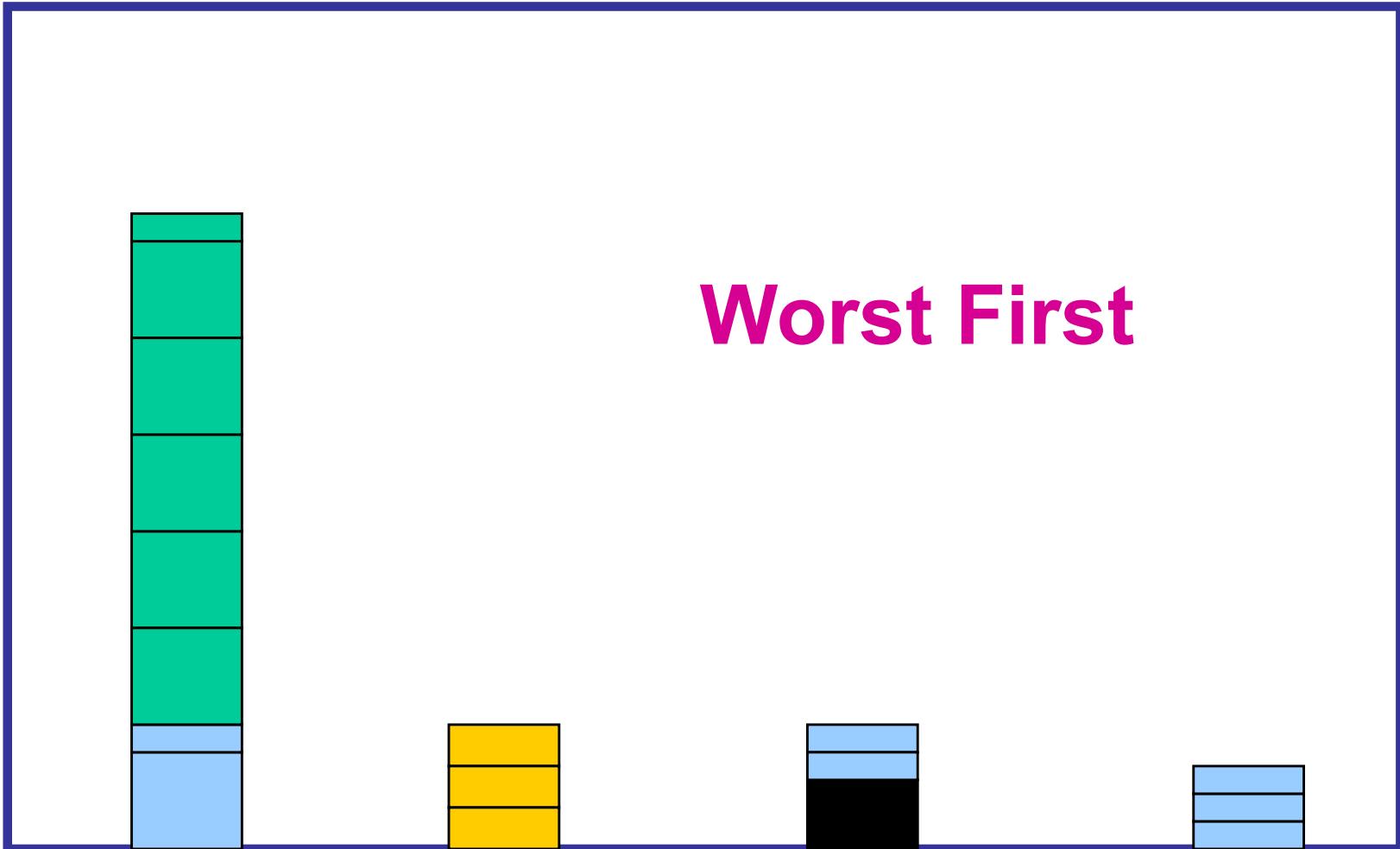
Poor

Fair

Good

Excel

Worst First



Lane Miles

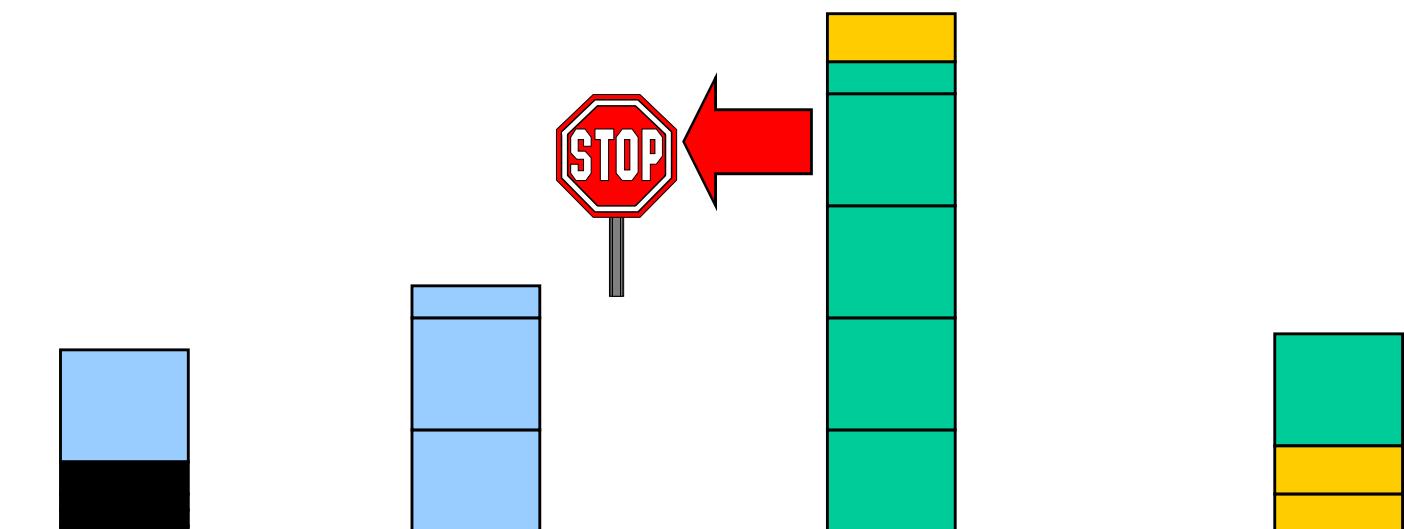
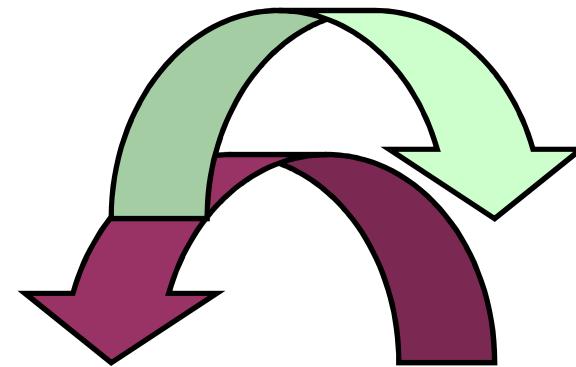
Pavement Preservation

Poor

Fair

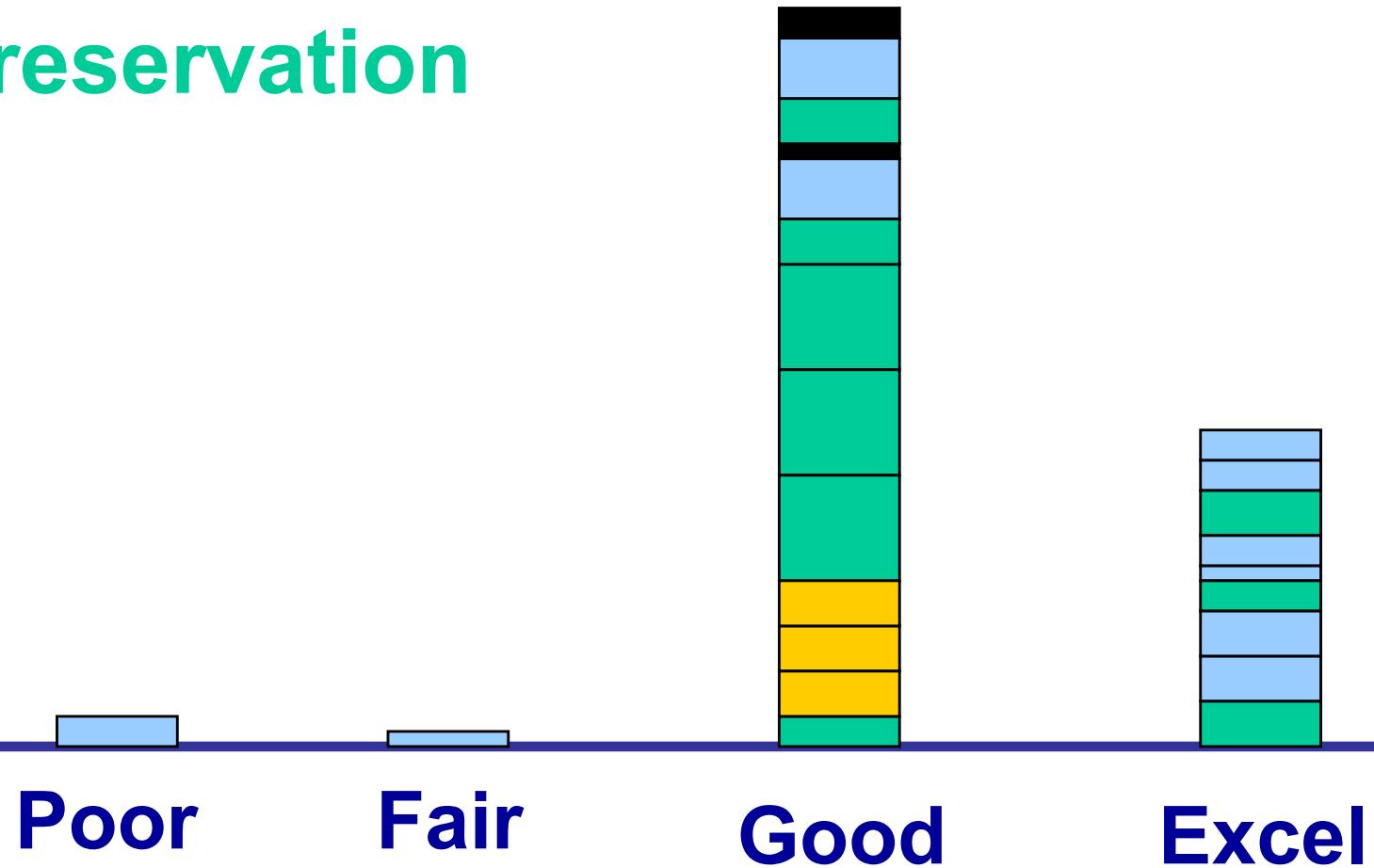
Good

Excel



Pavement Preservation

Lane Miles



Key Concept of Pavement Preservation

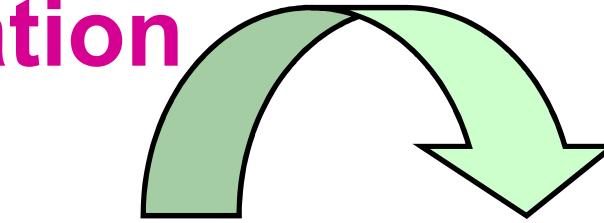
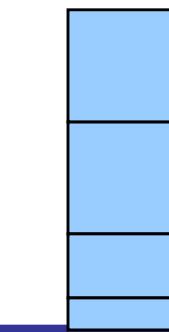
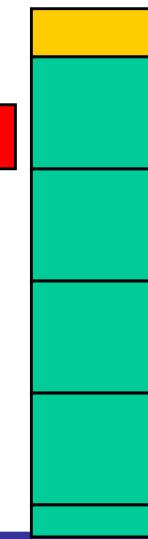
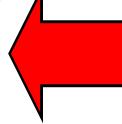
Lane Miles

Poor

Fair

Good

Excel



Interstates and Highways >20,000 AADT
Asphalt and Overlay Pavements
DRAFT V3.0

Surface Rating	9+	D	D	D	D	D	D	
	8	11	11	11	11	11	11	
	7	0	0	4	4	5	5	
	6	4	4	4	5	2	2	
	5-	4	4	5	2	2	3	
		≤ 60	61-95	96-135	136-170	171-220	>220	
Ride Quality (IRI in/mi)								

Treatment selection influenced by ride quality.

Flexible/Overlay	
D	Defer Treatment
11	Crack Seal
0	LADA Thin Overlay
2	Major Rehab – 2 Course OL w/ Repairs
3	Reconstruction / 3 course OL w/ Repairs
4	Mill & Fill
5	Mill & Fill w/ Underlying Pavt Repairs

“Cost Effectiveness”



\$ / VMT





File Home Create External Data Database Tools

Select Region

7

Enter Year (yyyy)

2009

Import New Data Set

1. Enter Committed Projects

2. Create Work Plan

3. Review/Edit Work Plan

4. View Work Plan Report

5. Forecast Results

Model

Preservation

7. View/Edit Future Work Plan

8. Export Report Table

Start Over

Record: 14 | 1 of 1 | < > No Filter Search

Form View

D:\PaveMgt

Microsoft Power...

Microsoft Acc...

Num Lock



5:41 PM

Navigation Pane

Save/Close

frmStepOneV - Microsoft Access

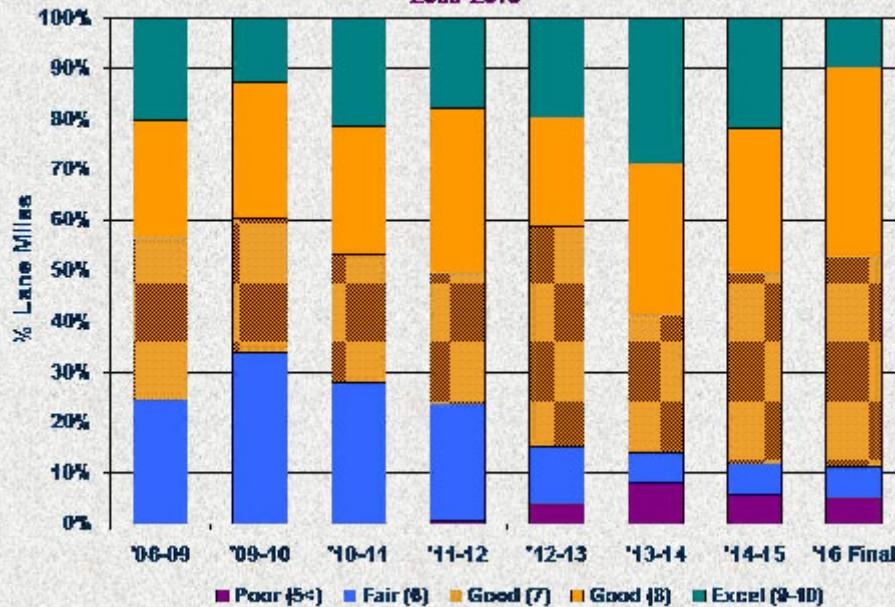
Select Segments to Include in Program

Encumbered Amount \$45,999,140.10

Route	County Order	County	From MP	To MP	Length	LM	AADT	Score	IRI	Final Work Type	Total Cst	Cst / VMT	Committed Project	Work Plan Y / N
87I	9	WAR.	12.38	12.79	0.41	2.46	23400	7	78	Pavement Preservation Thin OL	\$127,280	\$13	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
/	6	ALB	0.36	0.39	0.03	0.12	41900	/	118	Mll and Hll	\$16,16	\$13	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
7	6	ALB	0.39	0.5	0.11	0.44	41900	7	118	Mll and Fil	\$61,292	\$13	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
890I	1	ALB	0.43	0.46	0.03	0.12	41900	7	101	Mll and Fil	\$16,716	\$13	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
800I	1	ALB	0.16	0.57	0.11	0.11	11000	7	101	Mll and Fil	\$61,202	\$13	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
146	3	SCH	0	0.06	0.06	0.12	20900	6	0	Mll and Fil	\$16,716	\$13	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
378	1	ALD	0.01	0.93	0.12	0.46	15400	6	72	Pavement Preservation Thin OL	\$24,005	\$10	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
787I	1	ALB	0.97	1.17	0.20	1.2	53300	7	165	CPR Licht	\$143,280	\$13	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
787I	1	ALB	1.17	1.18	0.01	0.06	53300	6	126	CPR Light	\$7,164	\$13	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9	7	RFN	0.71	0.96	0.25	1	15300	7	93	Pavement Preservation Thin OL	\$51,740	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9	/	REN	0.96	1.13	0.17	0.68	15300	/	69	Pavement Preservation Thin OL	\$35,183	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9	7	REN	1.13	1.16	0.03	0.12	15300	7	79	Pavement Preservation Thin OL	\$6,209	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
890I	2	SCH	4.7	5.15	0.45	2.7	22900	7	83	Pavement Preservation Thin OL	\$139,698	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
890I	2	SCH	5.15	5.25	0.10	0.6	22900	7	72	Pavement Preservation Thin OL	\$31,011	\$11	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
890I	2	SCH	5.25	5.3	0.05	0.3	22900	7	71	Pavement Preservation Thin OL	\$15,522	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9W	5	ALB	7.9	8.2	0.30	0.6	11700	7	128	Single Course HMA	\$47,760	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
4	2	SAR	0.97	2.51	1.54	3.08	7600	7	105	Pavement Preservation Thin OL	\$159,359	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
4	2	SAR	2.51	3.86	1.35	2.7	7600	7	93	Pavement Preservation Thin OL	\$139,698	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9N	2	WAR.	11.09	11.19	0.10	0.2	7600	7	101	Pavement Preservation Thin OL	\$10,348	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9N	2	WAR.	11.19	11.22	0.03	0.06	7600	7	122	Pavement Preservation Thin OL	\$3,104	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
32	4	ALB	14.93	15.1	0.17	0.34	7600	7	125	Pavement Preservation Thin OL	\$17,592	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
32	4	ALB	15.1	15.16	0.06	0.12	7600	7	100	Pavement Preservation Thin OL	\$6,209	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
32	4	ALD	15.16	16.02	1.66	0.02	7600	7	87	Pavement Preservation Thin OL	\$171,777	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
32	5	SAR	1.98	2.25	0.27	0.54	7600	7	115	Pavement Preservation Thin OL	\$27,540	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
32	5	SAR	2.25	3.79	1.54	3.08	7600	7	75	Pavement Preservation Thin OL	\$159,359	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
32	5	SAR	3.79	5.17	1.38	2.76	7600	7	66	Pavement Preservation Thin OL	\$142,802	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9	/	REN	13.22	13.25	0.03	0.06	35000	/	201	Mll and Hll w/ Overlay	\$14,328	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9	7	REN	13.48	13.53	0.05	0.2	35000	7	144	CPR.Licht	\$23,880	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
85	1	ALB	24.23	24.29	0.06	0.24	15100	7	94	Pavement Preservation Thin OL	\$12,418	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9	9	SAR	1.06	1.27	0.21	0.81	15100	7	93	Pavement Preservation Thin OL	\$13,162	\$11	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
9	9	SAR	36.71	36.98	0.27	0.54	20300	6	198	Mll and Fil	\$75,222	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
32	5	SAR	45.17	45.57	0.40	0.6	20300	6	74	Mll and Fil	\$111,440	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>
43	1	RFN	1.79	2.1	0.31	0.62	11600	7	125	Single Course HMA	\$49,352	\$14	<input type="checkbox"/>	<input checked="" type="radio"/> <input type="radio"/>

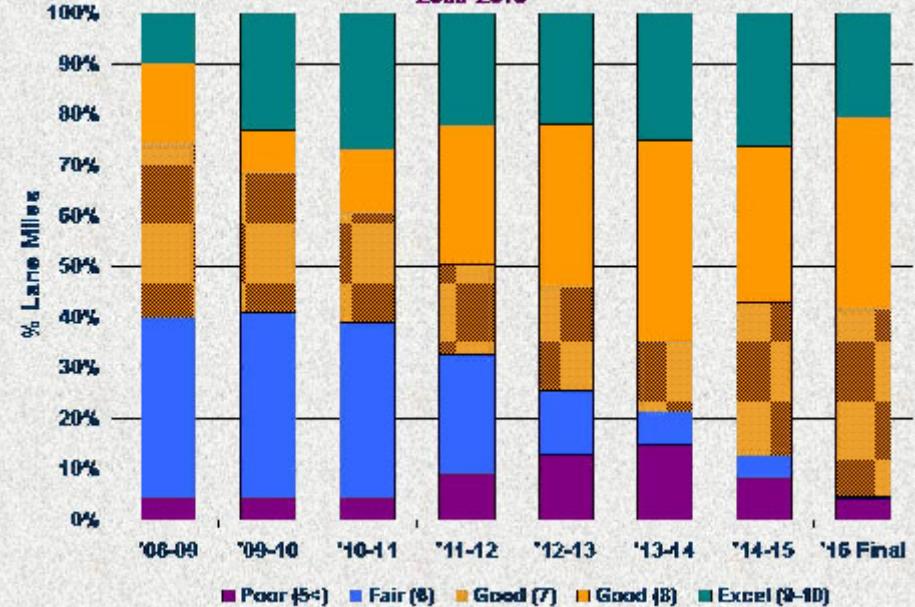
Reg Projected Pavement Condition - Interstates

2008-2016



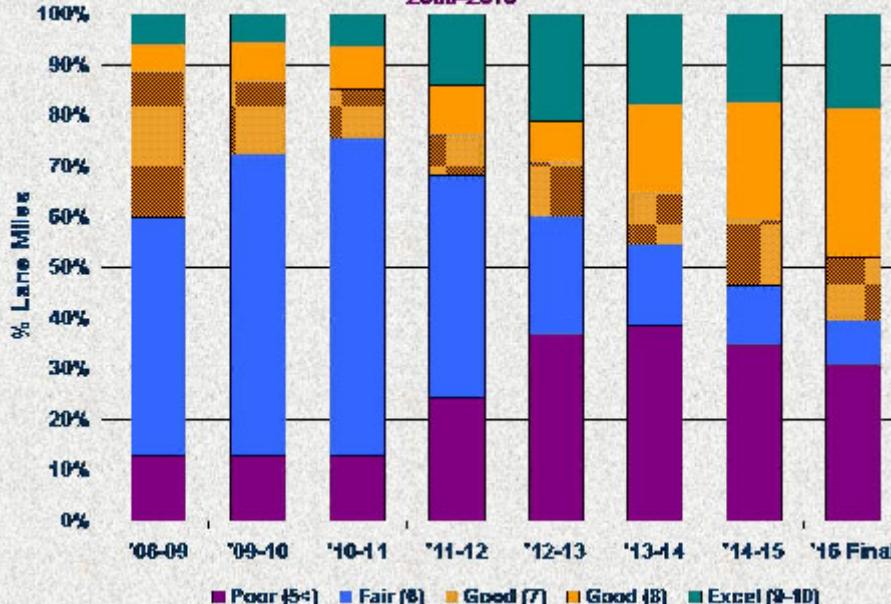
Reg Projected Pavement Condition - Non-Int NHS

2008-2016



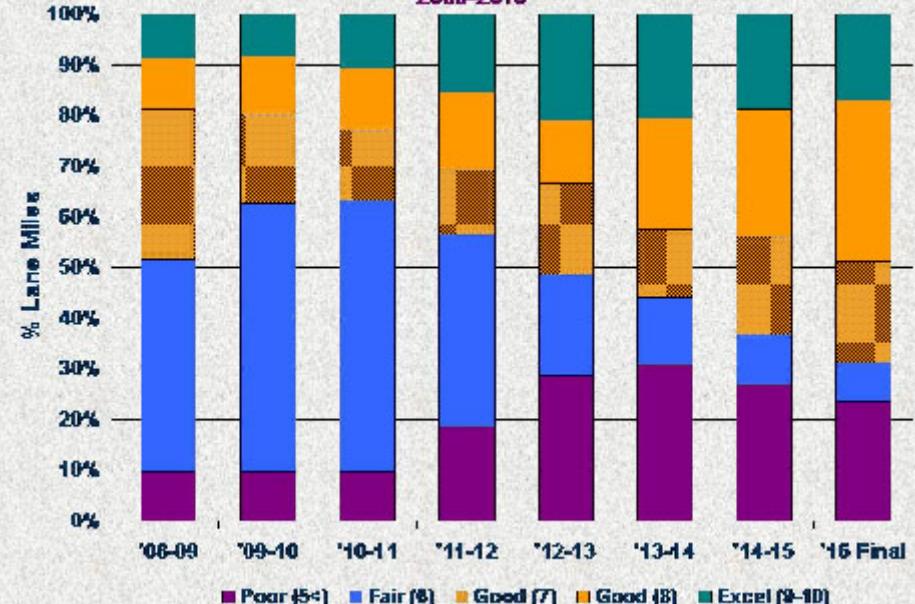
Reg Projected Pavement Condition - Non NHS

2008-2016



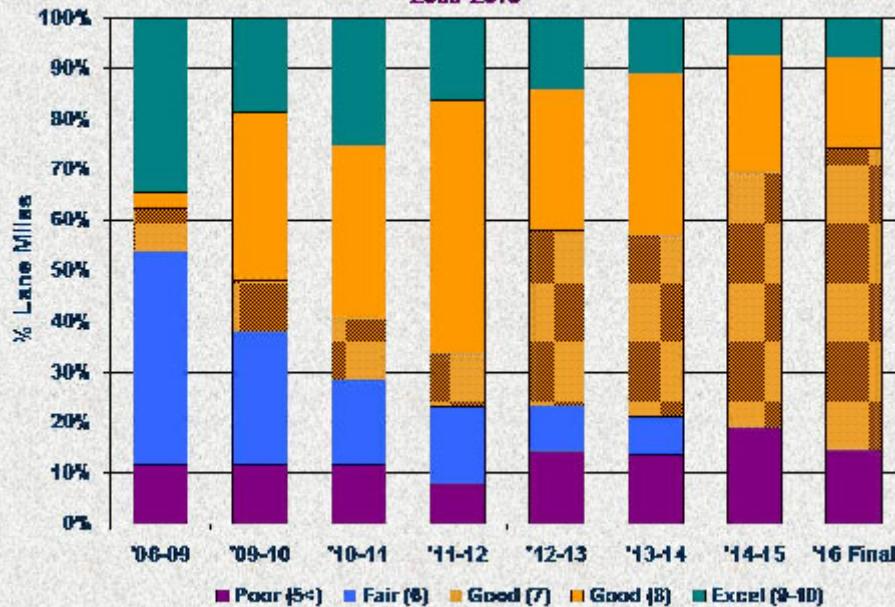
Reg Projected Pavement Condition - Regionwide

2008-2016



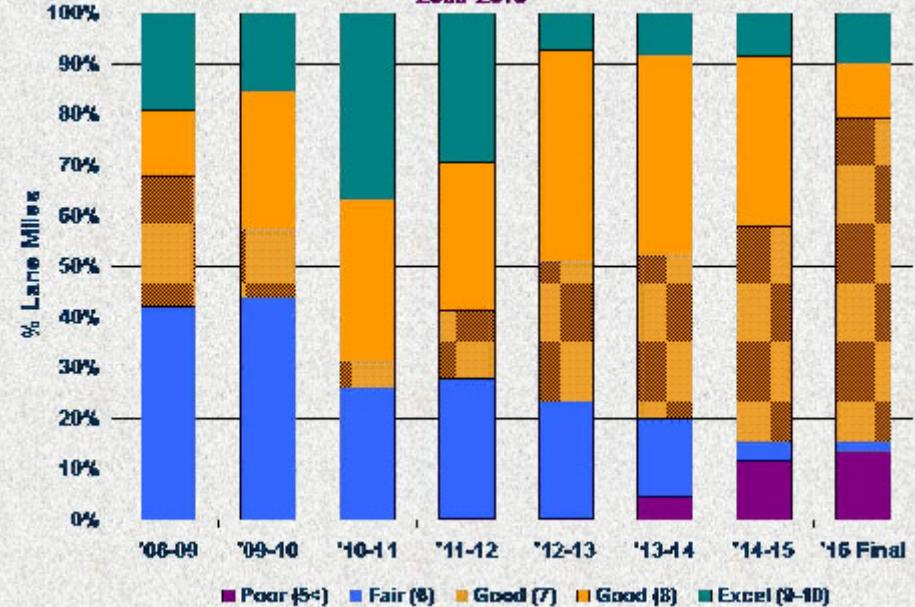
Reg Projected Pavement Condition - Interstates

2008-2016



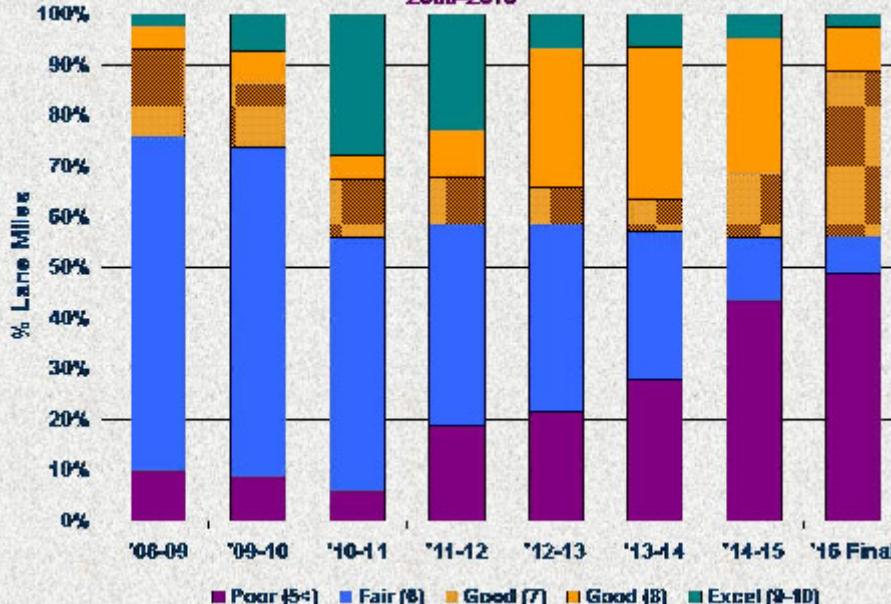
Reg Projected Pavement Condition - Non-Int NHS

2008-2016



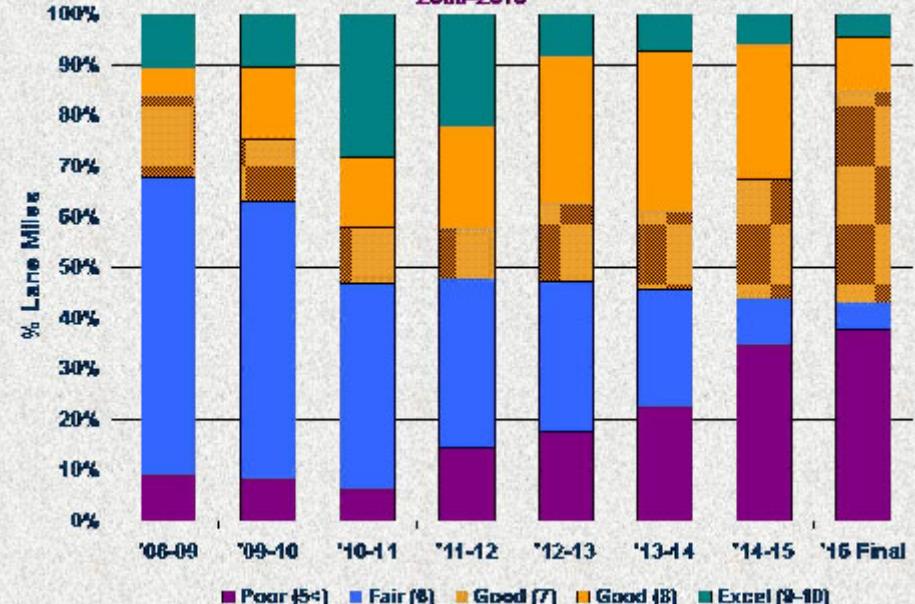
Reg Projected Pavement Condition - Non NHS

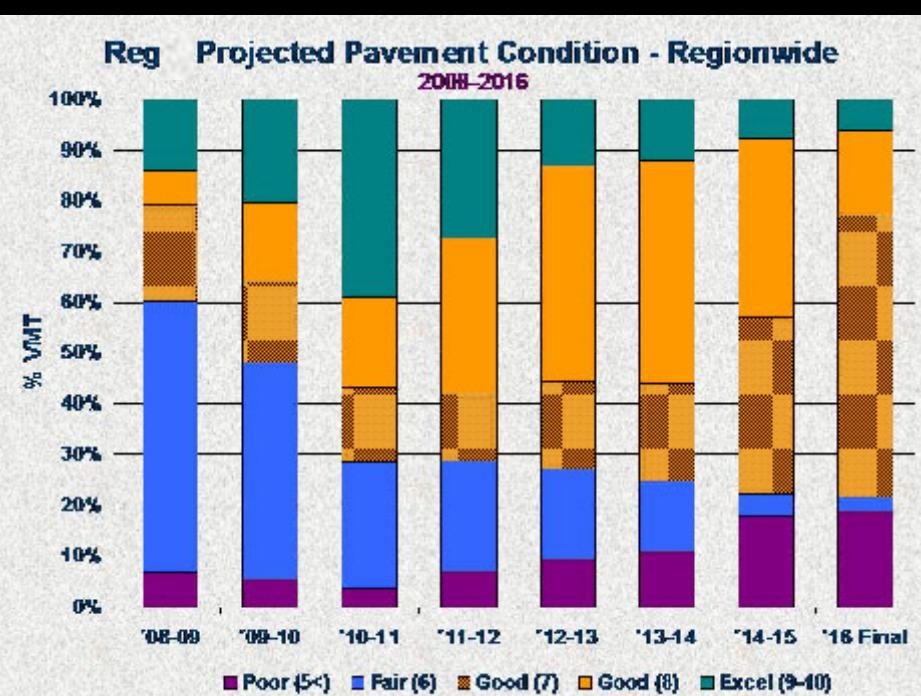
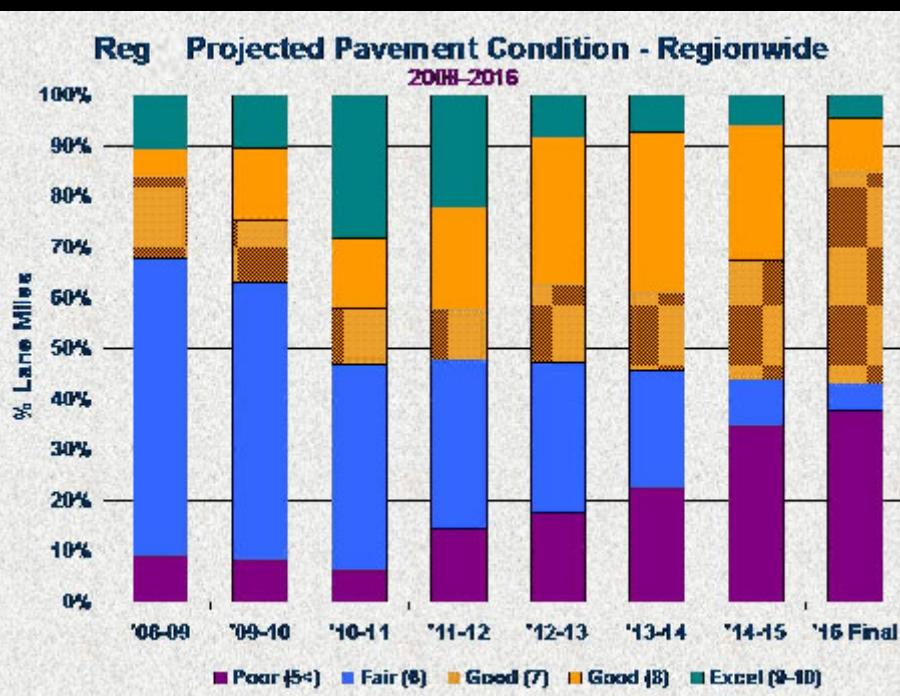
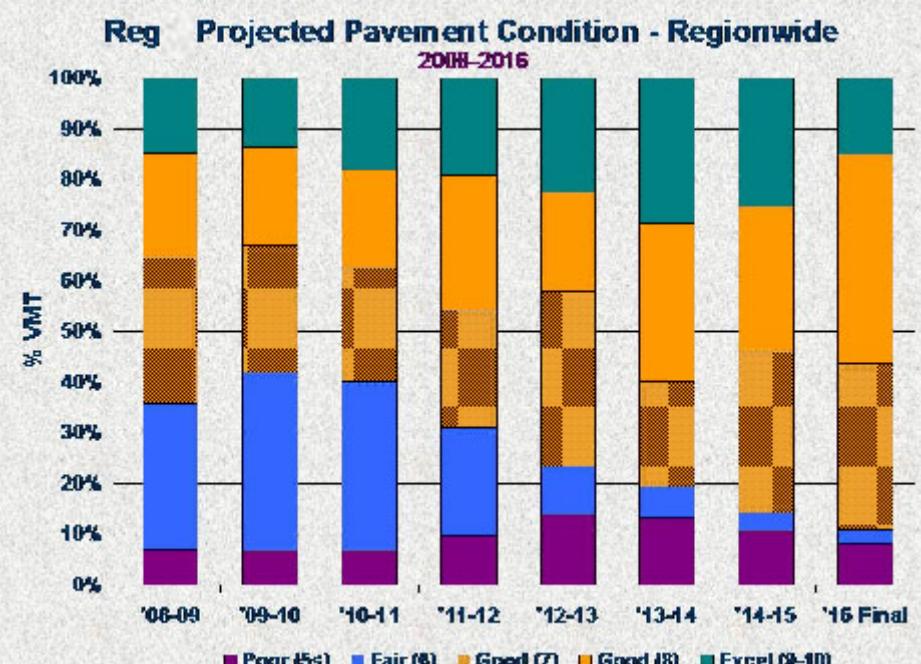
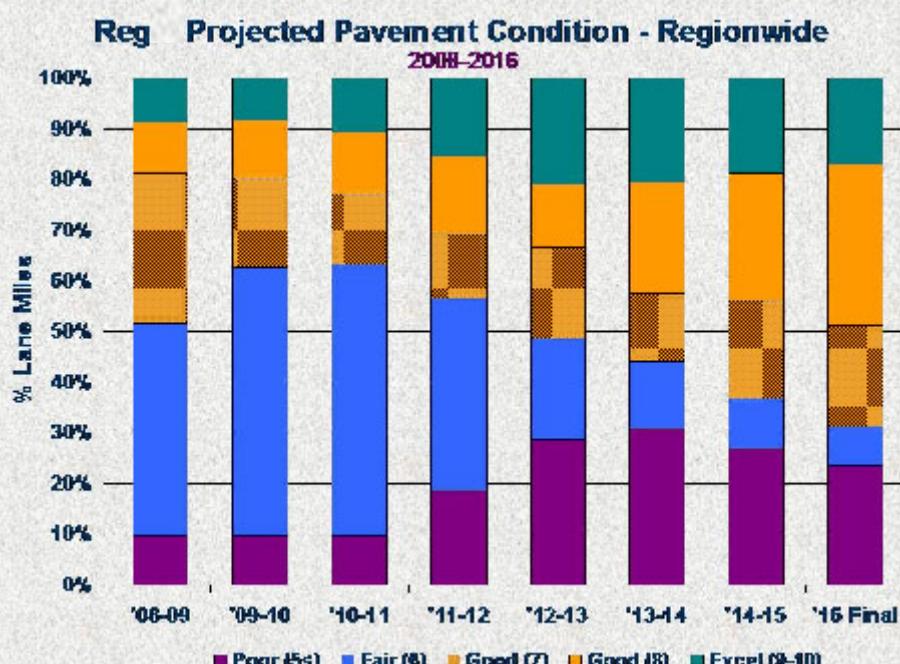
2008-2016



Reg Projected Pavement Condition - Regionwide

2008-2016





PM Overlay by Initial Surface Score

