# Asphalt Pavement Industry Survey on

Recycled Materials and Warm-Mix Asphalt Usage 2015

Appendix B: State-by-State Use of Recycled Materials and Warm-Mix Asphalt in Asphalt Pavement Mixtures

## Asphalt Pavement Industry Survey on Recycled Materials and Warm-Mix Asphalt Usage: 2015 Appendix B

## Introduction

This appendix provides a state-by-state breakdown of data reported in the main *Asphalt Pavement Industry Survey on Recycled Materials and Warm-Mix Asphalt Usage* report for the 2015 construction season survey.

Data are reported for all 50 U.S. states, as well as the District of Columbia and Puerto Rico. In instances where fewer than three companies/branches in a state responded to the survey, only estimated total tonnages for the state are reported to protect proprietary company data.

The accuracy of the state-level estimates will vary from state to state depending upon the number of companies/branches participating in the survey in a given state and tonnage produced by those respondents.

Data reported in each state's table provides information included in Tables 5, 7, 8, and 9 in the main report.

#### Alabama

	Reported	d Values	Total Estimated Value		
	2014	2015	2014	2015	
s of HMA/WMA Produced	Tons (N	Aillions)	Tons (N	/illions)	
Total	4.0	3.7	7.5	7.5	
DOT	2.5	2.5	4.6	4.9	
Other Agency	0.6	0.7	1.1	1.5	
Commercial and Residential	0.9	0.5	1.7	1.1	
Companies/Branches Reporting	5	4			
	Tons (N	Aillions)	Tons (N	/illions)	
Accepted	0.9	0.7	1.6	1.4	
Used in HMA/WMA	0.9	0.9	1.7	1.9	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	0.9	†	1.85	
	Average % U	Jsed in Mixes	Average % L	Jsed in Mixes	
Average % for DOT Mixes	34.0%	26.9%			
Average % for Other Agency Mixes	29.3%	21.7%			
Average % for Commercial & Residential	38.0%	30.6%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			23.3%	25.1%	
	Other Data	a Reported	Other Data		
% Companies/Branches Reporting Using RAP	100%	100%			
Percent of RAP Fractionated	†	45%	†	33%	
Percent of RAP Mixes Using Softer Binder	+	19%	†	7%	
Percent of RAP Mixes Using Rejuvenators	+	1%	†	2%	
· · · · · · · · · · · · · · · · · · ·	Tons (Th		Tons (Th		
Unprocessed Accepted	112.4	27.3	208.6	54.9	
Processed Accepted	†	25.0	†	50.3	
Used in HMA/WMA	89.8	61.9	166.7	124.4	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
	Average % U		0.0	0.0	
Average % for DOT Mixes	5.56%				
Average % for Other Agency Mixes	4.44%	1.07%			
Average % for Commercial & Residential	4.97%	0.64%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA	1.7770	0.0170	2.22%	1.66%	
% Companies/Branches Reporting Using RAS	100%	100%	2.2270	1.0070	
		Production	Tons (N	Aillions)	
DOT	54%	48%	2.5	2.4	
Other Agency	37%	50%	0.4	0.7	
Commercial and Residential	20%	26%	0.4	0.7	
Total	2070	2070	3.3	3.4	
	% of N	Aarkot	ა.ა	3.4	
Chamical Additive 9/	-				
Chemical Additive %	26%	9%			
Additive Foaming %	0%	3%			
Plant Foaming %	74%	88%			
() receive Addition ()/					
Organic Additive % % Companies/Branches Reporting Using WMA	0% 16%	0% 19%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Alaska

	Reporte	ed Values	Total Estim	ated Value
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons (	Millions)	Tons (N	/illions)
Total	*	*	4.8	4.7
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Companies/Branches Reporting	*	*		
	Tons (	Millions)	Tons (N	/illions)
Accepted	*	*	*	*
Used in HMA/WMA	*	*	*	*
Used in Aggregate	*	*	*	*
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
	Average %	Jsed in Mixes	Average % L	sed in Mixes
Average % for DOT Mixes	*	*		
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential	*	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*
	Other Dat	a Reported	Other Data Estima	
% Companies/Branches Reporting Using RAP	*	*	Other Data	Estimatou
Percent of RAP Fractionated	+	*	†	*
Percent of RAP Mixes Using Softer Binder	+	*	†	*
Percent of RAP Mixes Using Solice Dinder	+	*	†	*
	Tons (Th	nousands)	Tons (Th	ousands)
Unprocessed Accepted	*	*	*	*
Processed Accepted	†	*	†	*
Used in HMA/WMA	*	*	*	*
Used in Aggregate	*	*	*	*
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
Lananica	Average %	Used in Mixes		
Average % for DOT Mixes	Average %	*		
Average % for DOT Mixes	*	*		
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential			*	*
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	*	*		
			Tana /	
	% I Otal	Production *	Tons (N *	/IIIIIONS) *
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential		**	*	*
Total		Markat	^ 	*
	% of *	Market		
Chemical Additive %	*	*		
Additive Foaming %				
Plant Foaming %	*	*		
Organic Additive %	*	*		
% Companies/Branches Reporting Using WMA	*	*		

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Arizona

	Reported	d Values	Total Estima	ated Value
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons (N	/illions)	Tons (M	illions)
Total	0.8	*	6.6	6.8
DOT	0.1	*	0.9	*
Other Agency	0.2	*	1.3	*
Commercial and Residential	0.6	*	4.5	*
Companies/Branches Reporting	3	*		
	Tons (N	/illions)	Tons (M	illions)
Accepted	0.1	*	0.8	*
Used in HMA/WMA	0.1	*	0.9	*
Used in Aggregate	0.0	*	0.0	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other	0.0	*	0.0	*
Landfilled	0.0	*	0.0	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
	Average % U	lsed in Mixes	Average % Us	sed in Mixes
Average % for DOT Mixes	13.8%	*	5	
Average % for Other Agency Mixes	12.2%	*		
Average % for Commercial & Residential	18.7%	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			13.7%	*
5	Other Data	Reported	Other Data	Estimated
% Companies/Branches Reporting Using RAP	100%	*	o anor bata	Lotimatou
Percent of RAP Fractionated	100%	*	+	*
Percent of RAP Mixes Using Softer Binder	†	*	†	*
Percent of RAP Mixes Using Rejuvenators	t	*	t	*
	Tons (Th	ousands)	Tons (Tho	usands)
Unprocessed Accepted	0.0	*	0.0	*
Processed Accepted	t	*	1	*
Used in HMA/WMA	0.0	*	0.0	*
Used in Aggregate	0.0	*	0.0	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other	0.0	*	0.0	*
Landfilled	0.0	*	0.0	*
Landined	Average % U	lood in Mixos	0.0	
Average 0/ for DOT Mixes	0.00%			
Average % for DOT Mixes	0.00%	*		
Average % for Other Agency Mixes	0.00%	*		
Average % for Commercial & Residential	0.00%		0.000/	*
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	00/	*	0.00%	
	0%		Taua (M	::::::::::::::::::::::::::::::::::::::
	% Total P	roduction	Tons (M	illions)
DOT	17%	*	0.1	*
Other Agency	3%	*	0.0	*
Commercial and Residential	2%	^	0.1	
Total			0.3	*
	% of N			
Chemical Additive %	0%	*		
Additive Foaming %	0%	*		
Plant Foaming %	100%	*		
Organic Additive % % Companies/Branches Reporting Using WMA	0% 22%	*		

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Arkansas

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014 2015		
ns of HMA/WMA Produced	Tons (I	Millions)	Tons (I	Villions)	
Total	1.7	1.9	5.1	3.2	
DOT	1.0	0.9	3.1	1.6	
Other Agency	0.2	0.5	0.5	0.8	
Commercial and Residential	0.5	0.5	1.5	0.8	
Companies/Branches Reporting	6	6			
	Tons (	Villions)	Tons (I	Villions)	
Accepted	0.3	0.2	0.8	0.4	
Used in HMA/WMA	0.2	0.3	0.7	0.5	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	0.2	†	0.34	
	Average % I	Jsed in Mixes	Áverage % l		
Average % for DOT Mixes	19.3%	15.3%			
Average % for Other Agency Mixes	15.2%	16.6%			
Average % for Commercial & Residential	18.9%	14.7%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	10.770	14.770	13.7%	14.1%	
	Othor Dat	a Reported		a Estimated	
% Companies/Branches Reporting Using RAP	7		Other Data	ESUIIIaleu	
	100%	100%	+	110/	
Percent of RAP Fractionated	T	18%	<u>†</u>	11%	
Percent of RAP Mixes Using Softer Binder	†	17%	<u>†</u>	9%	
Percent of RAP Mixes Using Rejuvenators	T	0%	†	0%	
	1	nousands)	-	ousands)	
Unprocessed Accepted	14.7	20.6	44.8	35.3	
Processed Accepted	†	19.0	†	32.6	
Used in HMA/WMA	14.1	27.4	43.1	47.0	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	2.0	0.0	6.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Jsed in Mixes			
Average % for DOT Mixes	0.41%				
Average % for Other Agency Mixes	2.50%	1.37%			
Average % for Commercial & Residential	3.10%	2.35%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.84%	1.47%	
% Companies/Branches Reporting Using RAS	50%	67%			
A	% Total F	Production	Tons (I	villions)	
DOT	42%	10%	1.3	0.2	
Other Agency	50%	18%	0.2	0.1	
Commercial and Residential	62%	53%	0.9	0.4	
Total			2.5	0.7	
	% of	Market			
Chemical Additive %	0%	0%			
Additive Foaming %	0%	0%			
Plant Foaming %	100%	100%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	11%	14%			
No Companies Departing	1170	17/0			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## California

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014	2015	
s of HMA/WMA Produced	Tons (I	Villions)	Tons (M	Villions)	
Total	10.2	9.3	23.1	25.5	
DOT	4.1	2.7	9.4	7.4	
Other Agency	2.8	2.9	6.3	8.0	
Commercial and Residential	3.3	3.7	7.4	10.1	
Companies/Branches Reporting	6	4			
	Tons (I	Villions)	Tons (N	Villions)	
Accepted	1.4	2.1	3.2	5.7	
Used in HMA/WMA	1.3	1.5	2.9	4.0	
Used in Aggregate	0.3	0.0	0.6	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.1	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	2.2	†	5.93	
	Average % l	Jsed in Mixes	Average % L	Jsed in Mixes	
Average % for DOT Mixes	14.3%	15.8%			
Average % for Other Agency Mixes	15.2%	18.4%			
Average % for Commercial & Residential	17.8%	20.0%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	11.070	20.070	12.8%	15.7%	
	Other Data	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Other Date	Lotinutou	
Percent of RAP Fractionated	+	0%	†	0%	
Percent of RAP Practionated Percent of RAP Mixes Using Softer Binder	+	8%	†	3%	
Percent of RAP Mixes Using Sorter binder Percent of RAP Mixes Using Rejuvenators	+	4%	†	2%	
	Tons (Th	4% ousands)	1	ousands)	
	1				
Unprocessed Accepted	4.5	0.0	10.2 †	0.0	
Processed Accepted		0.7	1	1.9	
Used in HMA/WMA	6.6	1.4	14.9	3.8	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other Landfilled	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	
		Jsed in Mixes			
Average % for DOT Mixes	0.00%				
Average % for Other Agency Mixes	0.10%	0.43%			
Average % for Commercial & Residential	1.76%	1.54%	0.0101	0.000	
State Average All Mixes Based on RAS Tons Used in HMA/WMA	= = = = = = = = = = = = = = = = = = = =	0=0/	0.06%	0.02%	
% Companies/Branches Reporting Using RAS	50%	25%			
A		Production		Villions)	
DOT	3%	2%	0.2	0.2	
Other Agency	4%	0%	0.2	0.0	
Commercial and Residential	1%	0%	0.1	0.0	
Total			0.6	0.2	
		Varket			
Chemical Additive %	23%	41%			
Additive Foaming %	0%	0%			
Plant Foaming %	77%	59%			
Organic Additive %	0%	0%			
organio / danivo /o	070				

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Colorado

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014 2015		
s of HMA/WMA Produced	Tons (I	Villions)	Tons (I	Villions)	
Total	2.9	1.5	7.0	7.2	
DOT	0.8	0.4	2.0	2.1	
Other Agency	1.2	0.7	3.0	3.4	
Commercial and Residential	0.8	0.3	2.0	1.7	
Companies/Branches Reporting	5	4			
	Tons (I	Villions)	Tons (I	Villions)	
Accepted	0.8	0.8	2.0	3.8	
Used in HMA/WMA	0.6	0.3	1.4	1.4	
Used in Aggregate	0.1	0.0	0.3	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.1	0.0	0.4	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	+	0.2	†	1.15	
	Average % I	Jsed in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	21.8%	13.8%	. torago /o c		
Average % for Other Agency Mixes	21.8%	24.3%			
Average % for Commercial & Residential	23.7%	27.1%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	23.770	27.170	20.6%	20.1%	
	Other Dat	a Reported		a Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Other Date		
	100%	26%	†	60%	
Percent of RAP Fractionated	+	20%	†	60% 54%	
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	+		†		
S		3%	-	6%	
		ousands)		ousands)	
Unprocessed Accepted	0.1	0.4	0.2	1.8	
Processed Accepted	†	0.0	1	0.0	
Used in HMA/WMA	8.5	1.8	20.8	8.6	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other Landfilled	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	
	Average % L	Jsed in Mixes			
Average % for DOT Mixes	0.00%				
Average % for Other Agency Mixes	0.00%	0.00%			
Average % for Commercial & Residential	1.74%	2.61%	0.000/	0.100	
State Average All Mixes Based on RAS Tons Used in HMA/WMA		= = = = =	0.30%	0.12%	
% Companies/Branches Reporting Using RAS	60%	50%			
A		Production		Villions)	
DOT	39%	4%	0.8	0.1	
Other Agency	42%	11%	1.3	0.4	
Commercial and Residential	46%	12%	0.9	0.2	
Total			3.0	0.6	
		Varket			
Chemical Additive %	23%	56%			
Additive Foaming %	0%	11%			
Plant Foaming %	77%	33%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	070	070			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Connecticut

	Reported	d Values	Total Estimated Value		
	2014	2015	2014	2015	
ns of HMA/WMA Produced	Tons (N	/illions)	Tons (M	illions)	
Total	2.1	*	4.7	3.1	
DOT	0.9	*	2.0	*	
Other Agency	0.6	*	1.2	*	
Commercial and Residential	0.7	*	1.4	*	
Companies/Branches Reporting	3	*			
)	Tons (N	/illions)	Tons (M	illions)	
Accepted	0.5	*	1.0	*	
Used in HMA/WMA	0.4	*	1.0	*	
Used in Aggregate	0.0	*	0.1	*	
Used in Cold Mix	0.0	*	0.0	*	
Used in Other	0.0	*	0.0	*	
Landfilled	0.0	*	0.0	*	
Tons of RAP Stockpiled at End of Year	†	*	t	*	
	Average % U	lsed in Mixes	Average % Us	sed in Mixes	
Average % for DOT Mixes	18.8%	*	Therage 70 0.		
Average % for Other Agency Mixes	19.8%	*			
Average % for Commercial & Residential	25.3%	*			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	23.370		21.0%	*	
	Other Data	Poportod	Other Data	Estimated	
% Companies/Branches Reporting Using RAP	Other Data	*	Other Data	ESUIIIdleu	
	100%	*		*	
Percent of RAP Fractionated	Ť	*	Ť	*	
Percent of RAP Mixes Using Softer Binder	†	*	†	*	
Percent of RAP Mixes Using Rejuvenators	†		†		
	Tons (Th		Tons (Tho		
Unprocessed Accepted	0.2	*	0.5	*	
Processed Accepted	†	*	†	*	
Used in HMA/WMA	0.2	*	0.5	*	
Used in Aggregate	0.0	*	0.0	*	
Used in Cold Mix	0.0	*	0.0	*	
Used in Other	0.0	*	0.0	*	
Landfilled	0.0	*	0.0	*	
	Average % U				
Average % for DOT Mixes	0.00%				
Average % for Other Agency Mixes	0.00%	*			
Average % for Commercial & Residential	4.69%	*			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.01%	*	
% Companies/Branches Reporting Using RAS	33%	*			
Α	% Total P	roduction	Tons (M	illions)	
DOT	58%	*	1.2	*	
Other Agency	54%	*	0.7	*	
Commercial and Residential	56%	*	0.8	*	
Total			2.6	*	
	% of N	/larket			
Chemical Additive %	0%	*			
Additive Foaming %	2%	*			
Plant Foaming %	98%	*			
Organic Additive %	0%	*			
% Companies/Branches Reporting Using WMA	11%	*			
	1170				

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Delaware

	Report	ed Values	Total Estim	ated Value
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons	(Millions)	Tons (N	lillions)
Total	*	*	1.5	1.7
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Companies/Branches Reporting	*	*		
	Tons	(Millions)	Tons (N	lillions)
Accepted	*	*	*	*
Used in HMA/WMA	*	*	*	*
Used in Aggregate	*	*	*	*
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
	Average %	Used in Mixes	Average % U	sed in Mixes
Average % for DOT Mixes	*	*	5	
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential	*	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*
	Other Da	ta Reported	Other Data Estimated	
% Companies/Branches Reporting Using RAP	*	*		
Percent of RAP Fractionated	†	*	†	*
Percent of RAP Mixes Using Softer Binder	†	*	†	*
Percent of RAP Mixes Using Rejuvenators	†	*	†	*
	Tons (T	housands)	Tons (The	ousands)
Unprocessed Accepted	*	*	*	*
Processed Accepted	†	*	†	*
Used in HMA/WMA	*	*	*	*
Used in Aggregate	*	*	*	*
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
	Average %	Used in Mixes		
Average % for DOT Mixes	*	*		
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential	*	*		
State Average All Mixes Based on RAS Tons Used in HMA/WMA			*	*
% Companies/Branches Reporting Using RAS	*	*		
A	% Total	Production	Tons (N	lillions)
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Total			*	*
	% of	Market		
Chemical Additive %	*	*		
Additive Foaming %	*	*		
Plant Foaming %	*	*		
Organic Additive %	*	*		
% Companies/Branches Reporting Using WMA	*	*		

NCR = No Companies Reporting

\* Fewer than three companies reporting

## **District of Columbia**

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014 2015		
ns of HMA/WMA Produced	Tons (I	Millions)	Tons (I	Villions)	
Total	NCR	NCR	1.9	1.7	
DOT	NCR	NCR	NCR	NCR	
Other Agency	NCR	NCR	NCR	NCR	
Commercial and Residential	NCR	NCR	NCR	NCR	
Companies/Branches Reporting	NCR	NCR			
P		Villions)	Tons (I	Villions)	
Accepted	NCR	NCR	NCR	NCR	
Used in HMA/WMA	NCR	NCR	NCR	NCR	
Used in Aggregate	NCR	NCR	NCR	NCR	
Used in Cold Mix	NCR	NCR	NCR	NCR	
Used in Other	NCR	NCR	NCR	NCR	
Landfilled	NCR	NCR	NCR	NCR	
Tons of RAP Stockpiled at End of Year	†	NCR	†	NCR	
		Jsed in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	NCR	NCR			
Average % for Other Agency Mixes	NCR	NCR			
Average % for Commercial & Residential	NCR	NCR			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	Nort	Non	NCR	NCR	
	Other Dat	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	NCR	NCR	Othor Dut	Lotinatoa	
Percent of RAP Fractionated	†	NCR	†	NCR	
Percent of RAP Mixes Using Softer Binder	†	NCR	†	NCR	
Percent of RAP Mixes Using Rejuvenators	†	NCR	†	NCR	
S		nousands)		nousands)	
	NCR	NCR	NCR	NCR	
Unprocessed Accepted Processed Accepted	t	NCR	NCR	NCR	
Used in HMA/WMA	NCR	NCR	NCR	NCR	
	NCR		NCR	NCR	
Used in Aggregate	NCR	NCR	NCR		
Used in Cold Mix Used in Other	NCR	NCR	NCR	NCR NCR	
Landfilled	NCR	NCR NCR			
Lanunieu		Jsed in Mixes	NCR	NCR	
	<b>V</b>				
Average % for DOT Mixes	NCR	NCR			
Average % for Other Agency Mixes	NCR	NCR			
Average % for Commercial & Residential	NCR	NCR	NCD		
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	NCD	NCD	NCR	NCR	
	NCR	NCR	T /	\/illiana)	
	-	Production		Villions)	
DOT	NCR	NCR	NCR	NCR	
Other Agency	NCR	NCR	NCR	NCR	
Commercial and Residential	NCR	NCR	NCR	NCR	
Total			NCR	NCR	
		Market			
Chemical Additive %	NCR	NCR			
Additive Foaming %	NCR	NCR			
Plant Foaming %	NCR	NCR			
Organic Additive %	NCR	NCR			
% Companies/Branches Reporting Using WMA	NCR	NCR			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Florida

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014	2015	
ns of HMA/WMA Produced	Tons (I	Villions)	Tons (I	Villions)	
Total	6.5	6.0	13.3	14.4	
DOT	2.8	2.9	5.8	6.8	
Other Agency	1.2	1.1	2.4	2.6	
Commercial and Residential	2.5	2.1	5.1	5.0	
Companies/Branches Reporting	7	6			
P	Tons (	Villions)	Tons (I	Villions)	
Accepted	2.1	2.1	4.4	5.0	
Used in HMA/WMA	2.1	2.0	4.3	4.8	
Used in Aggregate	0.1	0.0	0.1	0.1	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	1.5	†	3.68	
		Jsed in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	27.9%	26.7%			
Average % for Other Agency Mixes	34.3%	32.6%			
Average % for Commercial & Residential	39.1%	36.6%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	07.170	00.070	32.2%	33.4%	
	Other Dat	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Othor Dut	Estimatou	
Percent of RAP Fractionated	10070	0%	t	0%	
Percent of RAP Mixes Using Softer Binder	†	68%	†	80%	
Percent of RAP Mixes Using Rejuvenators	†	17%	†	7%	
S		nousands)		ousands)	
Unprocessed Accepted	3.0	2.6	6.1	6.1	
Processed Accepted	5.0 †	0.0	t	0.1	
Used in HMA/WMA	2.5	2.8	5.1	6.7	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Jsed in Mixes	0.0	0.0	
Average % for DOT Mixes	0.00%				
Average % for Other Agency Mixes	0.95%	1.22%			
Average % for Commercial & Residential	0.59%	0.73%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA	0.5770	0.7570	0.04%	0.05%	
% Companies/Branches Reporting Using RAS	14%	17%	0.0470	0.0370	
VIA		Production	Tons (I	Villions)	
	-	16%		1.1	
DOT Other Agency	17% 23%	5%	1.0 0.6	0.1	
Other Agency Commercial and Residential	12%	5% 1%	0.6	0.1	
Commercial and Residential	1270	1 70	2.2		
	0/ -5	Markat	۷.۷	1.3	
		Market			
Chemical Additive %	8%	96%			
Additive Foaming %	0%	0%			
Plant Foaming %	92%	4%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	4%	14%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Georgia

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NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Hawaii

	Reporte	d Values	Total Estim	ated Value
	2014	2015	2014	2015
of HMA/WMA Produced	Tons (I	Villions)	Tons (M	/illions)
Total	*	*	1.9	1.7
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Companies/Branches Reporting	*	*		
• • •	Tons (I	Villions)	Tons (N	/illions)
Accepted	*	*	*	*
Used in HMA/WMA	*	*	*	*
Used in Aggregate	*	*	*	*
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
	Average % L	Jsed in Mixes	Average % L	lsed in Mixes
Average % for DOT Mixes	*	*		
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential	*	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*
	Other Data	a Reported	Other Data	Estimated
% Companies/Branches Reporting Using RAP	*	*	o and Date	Louinatou
Percent of RAP Fractionated	+	*	†	*
Percent of RAP Mixes Using Softer Binder	+	*	†	*
Percent of RAP Mixes Using Soliter Bilder Percent of RAP Mixes Using Rejuvenators	+	*	†	*
	Tons (Th	(spresuo	Tons (Th	ousands)
Unprocessed Accepted	*	*	*	*
Processed Accepted	+	*	†	*
Used in HMA/WMA	*	*	*	*
	*	*	*	*
Used in Aggregate Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
Lanunneu				
	Average % L	Jsed in Mixes		
Average % for DOT Mixes	*	*		
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential			*	*
State Average All Mixes Based on RAS Tons Used in HMA/WMA	*	*		
% Companies/Branches Reporting Using RAS		^		
	% Total F	Production	Tons (N	
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Total			*	*
		Varket		
Chemical Additive %	*	*		
Additive Foaming %	*	*		
Plant Foaming %	*	*		
Organic Additive %	*	*		
% Companies/Branches Reporting Using WMA				

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Idaho

	Reporte	ed Values	Total Estimated Value		
	2014	2015	2014 2015		
s of HMA/WMA Produced		Millions)	Tons (N		
Total	1.0	1.1	3.1	3.0	
DOT	0.6	0.4	1.7	1.1	
Other Agency	0.2	0.3	0.6	0.8	
Commercial and Residential	0.3	0.4	0.8	1.1	
Companies/Branches Reporting	4	6			
)	Tons (	Millions)	Tons (N	Aillions)	
Accepted	0.2	0.2	0.5	0.5	
Used in HMA/WMA	0.3	0.3	0.8	0.7	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	0.3	†	0.72	
	Average %	Used in Mixes	Average % L	Jsed in Mixes	
Average % for DOT Mixes	28.4%	40.3%			
Average % for Other Agency Mixes	27.9%	22.6%			
Average % for Commercial & Residential	28.9%	31.1%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	20.770	01.170	24.8%	25.0%	
	Other Dat	a Reported	Other Data		
% Companies/Branches Reporting Using RAP	100%	100%	Other Date	Estimated	
Percent of RAP Fractionated	+	8%	†	6%	
Percent of RAP Mixes Using Softer Binder	†	53%	†	75%	
Percent of RAP Mixes Using Rejuvenators	†	0%	†	0%	
	1	nousands)	Tons (Th		
	0.0	0.0	0.0	0.0	
Unprocessed Accepted Processed Accepted	t	0.0	0.0 	0.0	
Used in HMA/WMA	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	
Used in Aggregate Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
	0.0	Used in Mixes	0.0	0.0	
Augrore W for DOT Million	0.00%				
Average % for DOT Mixes	0.00%	0.00%			
Average % for Other Agency Mixes	0.00%				
Average % for Commercial & Residential	0.00%	0.00%	0.00%	0.00%	
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	0%	0%	0.00%	0.00%	
			Tons /	(illions)	
A	-	Production	Tons (N		
DOT Other Agency	75%	23%	1.3	0.3	
Other Agency	80%	15%	0.4	0.1	
Commercial and Residential	58%	39%	0.5	0.4	
Total			2.2	0.8	
		Market			
Chemical Additive %	8%	31%			
Additive Foaming %	0%	0%			
Plant Foaming %	92%	69%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	25%	14%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Illinois

IIIIOIS	Reporte	ed Values	Total Estimated Value		
	2014	2015	2014 2015		
ons of HMA/WMA Produced		Millions)	Tons (M		
Total	3.5	5.2	13.8	, 15.8	
DOT	1.6	2.3	6.4	7.1	
Other Agency	1.0	1.6	4.0	4.9	
Commercial and Residential	0.9	1.3	3.5	3.9	
Companies/Branches Reporting	9	15	010	017	
\P		Millions)	Tons (	Villions)	
Accepted	1.4	1.9	5.5	5.8	
Used in HMA/WMA	1.0	1.3	3.8	4.0	
Used in Aggregate	0.3	0.7	1.3	2.1	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	1.1	+	3.43	
		Jsed in Mixes		Jsed in Mixes	
Average % for DOT Mixes	24.9%	19.3%	Average % L		
Average % for Other Agency Mixes	27.2%	24.0%			
Average % for Commercial & Residential	27.2%	27.4%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	27.170	27.470	27.7%	25.1%	
	Other Det	a Doportod			
V Companies/Dronches Departing Using DAD		a Reported	Other Data	Estimated	
% Companies/Branches Reporting Using RAP	100%	100%			
Percent of RAP Fractionated	†	56%	†	82%	
Percent of RAP Mixes Using Softer Binder	†	42%	†	68%	
Percent of RAP Mixes Using Rejuvenators	†	0%	†	0%	
AS		nousands)		ousands)	
Unprocessed Accepted	42.9	0.0	169.8	0.0	
Processed Accepted	†	111.5	†	339.2	
Used in HMA/WMA	68.2	101.6	269.8	309.1	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
	· · ·	Jsed in Mixes			
Average % for DOT Mixes	2.18%	2.26%			
Average % for Other Agency Mixes	2.55%	2.83%			
Average % for Commercial & Residential	2.47%	3.30%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			1.95%	1.96%	
% Companies/Branches Reporting Using RAS	56%	60%			
MA	% Total I	Production	Tons (N	Villions)	
DOT	22%	18%	1.4	1.2	
Other Agency	46%	54%	1.8	2.6	
Commercial and Residential	24%	43%	0.8	1.6	
Total			4.1	5.5	
	% of	Market		0.0	
Chemical Additive %	30%	14%			
Additive Foaming %	0%	0%			
Plant Foaming %	70%	86%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	5%	2%			
% Companies/Branches Reporting Using WiviA	070	Z 70			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Indiana

	Reporte	d Values	Total Estin	nated Value
	2014	2015	2014	2015
of HMA/WMA Produced	Tons (N	Villions)	Tons (I	Villions)
Total	4.8	5.1	9.2	10.5
DOT	2.0	2.1	3.8	4.3
Other Agency	1.8	1.7	3.4	3.6
Commercial and Residential	1.0	1.3	2.0	2.6
Companies/Branches Reporting	4	4		
	Tons (N	Aillions)	Tons (I	Villions)
Accepted	1.9	1.2	3.7	2.6
Used in HMA/WMA	1.4	1.4	2.7	2.9
Used in Aggregate	0.0	0.1	0.1	0.2
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.1	0.0	0.1
Landfilled	0.0	0.0	0.0	0.0
Tons of RAP Stockpiled at End of Year	t	1.7	†	3.51
		Jsed in Mixes	Average % I	Jsed in Mixes
Average % for DOT Mixes	23.2%	25.1%		
Average % for Other Agency Mixes	26.3%	26.9%		
Average % for Commercial & Residential	27.0%	25.6%		
State Average All Mixes Based on RAP Tons Used in HMA/WMA	2,10,70	2010/0	29.3%	28.1%
	Other Data	Reported		a Estimated
% Companies/Branches Reporting Using RAP	100%	100%	Othor Dut	Estimatod
Percent of RAP Fractionated	10070	46%	†	53%
Percent of RAP Mixes Using Softer Binder	†	31%	†	36%
Percent of RAP Mixes Using Soliter Binder Percent of RAP Mixes Using Rejuvenators	†	0%	†	0%
	Tons (Th			iousands)
Unprocessed Acconted	20.0	17.5	38.7	36.3
Unprocessed Accepted Processed Accepted	20.0	5.0		10.4
Used in HMA/WMA	33.5	57.7	64.8	119.8
Used in Aggregate Used in Cold Mix	0.0 0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0			
Lanunneu		0.0 Jsed in Mixes	0.0	0.0
	2.48%	2.55%		
Average % for DOT Mixes				
Average % for Other Agency Mixes	2.33%	2.96%		
Average % for Commercial & Residential	2.37%	2.48%	0.70%	1 1 40/
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	1000/	750/	0.70%	1.14%
	100%	75%		
		Production		Villions)
DOT	67%	56%	2.5	2.4
Other Agency	64%	55%	2.2	2.0
Commercial and Residential	70%	50%	1.4	1.3
Total			6.1	5.7
		Market		
Chemical Additive %	3%	3%		
Additive Foaming %	0%	0%		
V V				
Plant Foaming %	97%	97%		
V V	97% 0% 25%	97% 0% 19%		

NCR = No Companies Reporting

\* Fewer than three companies reporting

lowa	3				
		Reporte	d Values	Total Estim	ated Value
		2014	2015	2014	2015
Tons of	of HMA/WMA Produced	Tons (	Villions)	Tons (N	/illions)
ŀ	Total	2.2	1.5	3.6	3.6
	DOT	1.3	0.7	2.2	1.7
	Other Agency	0.6	0.4	1.0	1.1
	Commercial and Residential	0.3	0.3	0.5	0.8
	Companies/Branches Reporting	8	6		
RAP		Tons (	Villions)	Tons (N	/illions)
	Accepted	0.4	0.2	0.6	0.5
	Used in HMA/WMA	0.3	0.2	0.5	0.5
	Used in Aggregate	0.0	0.0	0.1	0.0
	Used in Cold Mix	0.0	0.0	0.0	0.0
	Used in Other	0.0	0.0	0.0	0.0
	Landfilled	0.0	0.0	0.0	0.0
	Tons of RAP Stockpiled at End of Year	†	0.2	†	0.48
I ľ		Average % l	Jsed in Mixes	Average % L	sed in Mixes
	Average % for DOT Mixes	16.8%	14.6%		
	Average % for Other Agency Mixes	18.7%	15.0%		
	Average % for Commercial & Residential	18.6%	17.5%		
	State Average All Mixes Based on RAP Tons Used in HMA/WMA			15.3%	13.3%
		Other Dat	a Reported	Other Data	Estimated
	% Companies/Branches Reporting Using RAP	100%	100%		
1	Percent of RAP Fractionated	†	0%	†	0%
	Percent of RAP Mixes Using Softer Binder	†	74%	†	58%
	Percent of RAP Mixes Using Rejuvenators	†	17%	†	18%
RAS		Tons (Th	iousands)	Tons (Th	ousands)
	Unprocessed Accepted	10.5	10.4	17.3	25.4
	Processed Accepted	†	13.7	†	33.4
	Used in HMA/WMA	14.0	12.7	23.1	30.9
	Used in Aggregate	0.0	0.0	0.0	0.0
	Used in Cold Mix	0.0	0.0	0.0	0.0
	Used in Other	0.0	0.0	0.0	0.0
	Landfilled	0.0	0.0	0.0	0.0
		Average % l	Jsed in Mixes		
	Average % for DOT Mixes	1.54%	1.34%		
	Average % for Other Agency Mixes	2.59%	1.66%		
	Average % for Commercial & Residential	0.40%	1.67%		
	State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.64%	0.86%
	% Companies/Branches Reporting Using RAS	38%	50%		
WMA			Production	Tons (N	•
	DOT	13%	3%	0.3	0.1
	Other Agency	15%	5%	0.1	0.1
	Commercial and Residential	20%	8%	0.1	0.1
	Total			0.5	0.2
			Varket		
	Chemical Additive %	3%	62%		
	Additive Foaming %	0%	0%		
	Plant Foaming %	97%	38%		
	Organic Additive %	0%	0%		
	% Companies/Branches Reporting Using WMA	6%	11%		

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Kansas

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014	2015	
s of HMA/WMA Produced	Tons (	Villions)	Tons (N	Villions)	
Total	2.4	1.9	4.0	4.0	
DOT	1.3	0.7	2.2	1.5	
Other Agency	0.7	0.7	1.2	1.4	
Commercial and Residential	0.3	0.5	0.6	1.0	
Companies/Branches Reporting	5	4			
		Villions)	Tons (	Villions)	
Accepted	0.7	0.3	1.2	0.6	
Used in HMA/WMA	0.5	0.3	0.9	0.7	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.1	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	0.5	†	1.07	
		Jsed in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	20.1%	18.1%	- Anologo - O C	200 11 111/03	
Average % for Other Agency Mixes	21.4%	18.6%			
Average % for Commercial & Residential	25.2%	23.3%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	23.270	23.370	22.3%	17.5%	
	Other Data	a Reported		a Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Other Date		
Percent of RAP Fractionated	100%	0%	+	0%	
		46%	†	48%	
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	† †	40% 1%	1	48%	
			-		
		ousands)		ousands)	
Unprocessed Accepted	4.6	10.5	7.8	22.1	
Processed Accepted	†	22.2	†	46.8	
Used in HMA/WMA	14.0	24.1	23.7	50.7	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Jsed in Mixes			
Average % for DOT Mixes	4.38%				
Average % for Other Agency Mixes	0.22%	0.00%			
Average % for Commercial & Residential	0.79%	1.36%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.59%	1.27%	
% Companies/Branches Reporting Using RAS	60%	100%			
A	% Total F	Production	Tons (N	Villions)	
DOT	88%	93%	2.0	1.4	
Other Agency	76%	69%	0.9	1.0	
Commercial and Residential	72%	68%	0.4	0.7	
Total			3.3	3.1	
	% of I	Varket			
Chemical Additive %	22%	47%			
Additive Foaming %	0%	0%			
Plant Foaming %	78%	53%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	16%	25%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Kentucky

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014 2015		
s of HMA/WMA Produced	Tons (N	Villions)	Tons (I	Villions)	
Total	4.4	4.1	9.0	6.5	
DOT	3.1	2.8	6.4	4.5	
Other Agency	0.8	0.8	1.6	1.2	
Commercial and Residential	0.5	0.5	1.0	0.8	
Companies/Branches Reporting	7	6			
	Tons (N	Aillions)	Tons (I	Villions)	
Accepted	0.5	0.4	1.0	0.6	
Used in HMA/WMA	0.6	0.6	1.2	1.0	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	0.7	†	1.13	
	Average % L	Jsed in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	15.5%	16.2%			
Average % for Other Agency Mixes	18.5%	17.4%			
Average % for Commercial & Residential	19.1%	18.0%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	17.170	10.076	13.6%	15.1%	
	Other Data	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Othor But	Estimatou	
Percent of RAP Fractionated	+	50%	†	64%	
Percent of RAP Practionated Percent of RAP Mixes Using Softer Binder	†	17%	†	9%	
Percent of RAP Mixes Using Sorier binder	+	0%	†	9% 0%	
	Tops (Th	ousands)		ousands)	
	34.0		70.0		
Unprocessed Accepted	34.0	2.0 19.1	70.0	3.2	
Processed Accepted Used in HMA/WMA	32.2	29.5	66.4	30.3 46.9	
	0.0	0.0		46.9 0.0	
Used in Aggregate	0.0		0.0	0.0	
Used in Cold Mix Used in Other	0.0	0.0	0.0	0.0	
Landfilled					
Landinied	0.0	0.0	0.0	0.0	
	· · ·	Jsed in Mixes			
Average % for DOT Mixes	1.35%				
Average % for Other Agency Mixes	0.50%	2.48%			
Average % for Commercial & Residential	0.34%	2.95%	0 7404	0 700/	
State Average All Mixes Based on RAS Tons Used in HMA/WMA	000/	500/	0.74%	0.72%	
% Companies/Branches Reporting Using RAS	29%	50%			
A		Production		Villions)	
DOT	60%	60%	3.8	2.7	
Other Agency	71%	67%	1.2	0.8	
Commercial and Residential	61%	50%	0.6	0.4	
Total			5.6	3.9	
		Market			
Chemical Additive %	18%	8%			
Additive Foaming %	0%	0%			
Plant Foaming %	82%	92%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	070	070			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Louisiana

s of HMA/WMA Produced	2014	2015		
		2015	2014	2015
	Tons (	(Millions)	Tons (N	(illions)
Total	*	*	6.3	4.0
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Companies/Branches Reporting	*	*		
y	Tons (	(Millions)	Tons (N	(illions)
Accepted	*	*	*	*
Used in HMA/WMA	*	*	*	*
Used in Aggregate	*	*	*	*
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
	I	Used in Mixes	Average % U	sed in Mixes
Average % for DOT Mixes	*	*	Average 70 0	
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential	*	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*
	Othor Dai	ta Reported	Other Data	Estimated
% Companies/Branches Reporting Using RAP	*	*	Other Data	LSUIIIaleu
		*		*
Percent of RAP Fractionated	T	*	†	*
Percent of RAP Mixes Using Softer Binder	T	*	†	*
Percent of RAP Mixes Using Rejuvenators	Ť		†	
	Ions (Ir	housands)	Tons (The	ousands) *
Unprocessed Accepted		*		*
Processed Accepted	<u>†</u>	*	*	*
Used in HMA/WMA				*
Used in Aggregate	*	*	*	
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
	Average %	Used in Mixes		
Average % for DOT Mixes	*	*		
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential	*	*		
State Average All Mixes Based on RAS Tons Used in HMA/WMA			*	*
% Companies/Branches Reporting Using RAS	*	*		
A	% Total	Production	Tons (N	Aillions)
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Total			*	*
	% of	Market		
	*	*		
Chemical Additive %				
Chemical Additive %	*	*		
Additive Foaming %		*		
	*			

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Maine

	Reported	Values	Total Estima	ated Value
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons (N	1illions)	Tons (N	lillions)
Total	1.4	*	2.1	2.3
DOT	0.7	*	1.0	*
Other Agency	0.3	*	0.5	*
Commercial and Residential	0.4	*	0.5	*
Companies/Branches Reporting	3	*		
)	Tons (N	(illions)	Tons (M	lillions)
Accepted	0.1	*	0.1	*
Used in HMA/WMA	0.3	*	0.4	*
Used in Aggregate	0.0	*	0.0	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other	0.0	*	0.0	*
Landfilled	0.0	*	0.0	*
Tons of RAP Stockpiled at End of Year	t	*	†	*
	Average % U	sed in Mixes	Average % U	sed in Mixes
Average % for DOT Mixes	17.4%	*		
Average % for Other Agency Mixes	16.9%	*		
Average % for Commercial & Residential	22.1%	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA	22.170		21.3%	*
	Other Data	Reported	Other Data	Estimated
% Companies/Branches Reporting Using RAP	100%	*	Other Data	Estimatod
Percent of RAP Fractionated	+	*	+	*
Percent of RAP Practionated Percent of RAP Mixes Using Softer Binder	†	*	†	*
Percent of RAP Mixes Using Sorter binder	†	*	†	*
		aucanda)	Tons (The	ucanda)
	Tons (The	, *		/uSd11uS/ *
Unprocessed Accepted	3.9 †	*	5.9	*
Processed Accepted Used in HMA/WMA		*	†	*
	10.8	*	16.4	*
Used in Aggregate	0.0	*	0.0	*
Used in Cold Mix Used in Other	0.0	*	0.0	*
Landfilled		*		*
	0.0		0.0	
	Average % U			
Average % for DOT Mixes	3.98%	*		
Average % for Other Agency Mixes	3.75%	*		
Average % for Commercial & Residential	2.84%		0.700/	*
State Average All Mixes Based on RAS Tons Used in HMA/WMA	(70)	*	0.79%	*
% Companies/Branches Reporting Using RAS	67%			
A	% Total P		Tons (N	
DOT	11%	*	0.1	*
Other Agency	13%	*	0.1	*
Commercial and Residential	21%	*	0.1	*
Total			0.3	*
	% of N			
Chemical Additive %	3%	*		
Additive Foaming %	0%	*		
Plant Foaming %	114%	*		
Organic Additive % % Companies/Branches Reporting Using WMA	0%	*		

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Maryland

	Reporte	ed Values	Total Estimated Value		
	2014	2015	2014 2015		
s of HMA/WMA Produced	Tons (I	Millions)	Tons (I	Millions)	
Total	2.5	3.3	6.8	7.5	
DOT	1.0	1.0	2.6	2.2	
Other Agency	1.0	1.2	2.6	2.7	
Commercial and Residential	0.6	1.2	1.6	2.7	
Companies/Branches Reporting	5	6			
	Tons (I	Millions)	Tons (I	Millions)	
Accepted	0.8	1.0	2.1	2.3	
Used in HMA/WMA	0.5	0.8	1.4	1.7	
Used in Aggregate	0.1	0.2	0.3	0.5	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	0.8	†	1.76	
	Average % l	Used in Mixes	Average % l	Jsed in Mixes	
Average % for DOT Mixes	22.3%	20.1%	Č Č		
Average % for Other Agency Mixes	18.4%	22.5%			
Average % for Commercial & Residential	16.3%	30.1%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			20.7%	23.0%	
	Other Dat	a Reported	Other Data	a Estimated	
% Companies/Branches Reporting Using RAP	100%	100%			
Percent of RAP Fractionated	†	0%	t	0%	
Percent of RAP Mixes Using Softer Binder	†	3%	t	6%	
Percent of RAP Mixes Using Rejuvenators	+	0%	†	0%	
	Tons (Th	nousands)		nousands)	
Unprocessed Accepted	9.5	0.4	25.6	0.8	
Processed Accepted	7.J	0.3	23.0	0.0	
Used in HMA/WMA	9.5	3.1	25.6	7.0	
Used in Aggregate	0.0	0.0	1.3	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Used in Mixes	0.0	0.0	
Average % for DOT Mixes	0.31%				
Average % for Other Agency Mixes	0.31%	0.00%			
Average % for Commercial & Residential	0.39%	0.43%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA	0.0070	0.4370	0.38%	0.09%	
% Companies/Branches Reporting Using RAS	60%	33%	0.3070	0.0770	
A		Production	Tons (I	Millions)	
	33%	44%	0.9	1.0	
DOT Other Agency	35%	57%	0.9	1.5	
Other Agency Commercial and Residential	51%	53%	0.9	1.5	
Total	5176	5570	2.6	3.9	
1 Utai	0/ 55	Markot	۷.۷	3.7	
	% Of I	Market			
Character LA delition ()	E20/				
Chemical Additive %	53%	26%			
Additive Foaming %	0%	0%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Massachusetts

	Reporte	ed Values	Total Estimated Value		
	2014	2015	2014 2015		
s of HMA/WMA Produced	Tons (	Millions)	Tons (I	Millions)	
Total	2.6	2.9	6.5	6.2	
DOT	0.8	1.4	2.0	3.1	
Other Agency	0.9	0.5	2.1	1.1	
Commercial and Residential	1.0	0.9	2.4	2.0	
Companies/Branches Reporting	4	4			
	Tons (	Millions)	Tons (I	Millions)	
Accepted	0.5	0.4	1.1	1.0	
Used in HMA/WMA	0.4	0.5	1.1	1.1	
Used in Aggregate	0.0	0.0	0.0	0.1	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	0.5	†	1.10	
	Average % l	Jsed in Mixes	Average % l	Jsed in Mixes	
Average % for DOT Mixes	16.3%	18.0%			
Average % for Other Agency Mixes	17.7%	16.6%			
Average % for Commercial & Residential	17.1%	18.6%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			16.8%	17.9%	
	Other Dat	a Reported		a Estimated	
% Companies/Branches Reporting Using RAP	100%	100%			
Percent of RAP Fractionated	+	6%	†	11%	
Percent of RAP Mixes Using Softer Binder	†	25%	†	10%	
Percent of RAP Mixes Using Rejuvenators	+	0%	†	0%	
	Tons (Tr	nousands)		nousands)	
Unprocessed Accepted	8.6	0.8	21.3	1.6	
Processed Accepted	t	2.1		4.5	
Used in HMA/WMA	3.7	2.1	9.2	4.5	
	0.0	0.0	39.7	4.J 5.4	
Used in Aggregate Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
			0.0	0.0	
Average 0/ fer DOT Million	0.99%	Jsed in Mixes			
Average % for DOT Mixes					
Average % for Other Agency Mixes	1.46%	0.06%			
Average % for Commercial & Residential	1.01%	0.13%	0.140/	0.070/	
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	F00/	F 00/	0.14%	0.07%	
	50%	50%	T	\/illiana\	
A		Production		Millions)	
DOT	50%	57%	1.0	1.8	
Other Agency	2%	14%	0.1	0.2	
Commercial and Residential	3%	1%	0.1	0.0	
Total			1.1	1.9	
		Market			
Chemical Additive %	50%	53%			
Additive Foaming %	0%	0%			
Plant Foaming %	8%	6%			
Organic Additive %	43%	41%			
% Companies/Branches Reporting Using WMA	25%	19%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Michigan

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014 2015		
ns of HMA/WMA Produced	Tons (	Millions)	Tons (N	Villions)	
Total	7.4	7.1	11.3	12.6	
DOT	2.3	2.3	3.5	4.1	
Other Agency	1.8	1.6	2.8	2.9	
Commercial and Residential	3.2	3.2	5.0	5.6	
Companies/Branches Reporting	6	5			
P	Tons (	Millions)	Tons (M	Villions)	
Accepted	2.7	2.1	4.1	. 3.7	
Used in HMA/WMA	2.4	2.2	3.6	4.0	
Used in Aggregate	0.1	0.0	0.1	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	2.3	†	4.14	
	1	Jsed in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	21.1%	21.5%			
Average % for Other Agency Mixes	24.3%	28.3%			
Average % for Commercial & Residential	32.0%	38.3%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	52.070	50.570	32.1%	31.6%	
	Other Dat	a Reported		a Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Other Date	Estimated	
	100%	100%	+	13%	
Percent of RAP Fractionated	+		†		
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	† †	29%	†	28%	
		0%		0%	
S		nousands)	Tons (Th		
Unprocessed Accepted	0.0	0.0	0.0	0.0	
Processed Accepted	†	0.0	†	0.0	
Used in HMA/WMA	10.0	3.2	15.3	5.8	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Jsed in Mixes			
Average % for DOT Mixes	0.00%				
Average % for Other Agency Mixes	0.00%	0.00%			
Average % for Commercial & Residential	0.33%	0.00%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.14%	0.05%	
% Companies/Branches Reporting Using RAS	17%	0%			
<i>I</i> A	% Total I	Production	Tons (M	Villions)	
DOT	19%	62%	0.7	2.6	
Other Agency	21%	31%	0.6	0.9	
Commercial and Residential	7%	65%	0.3	3.7	
Total			1.6	7.1	
	% of	Market			
Chemical Additive %	0%	0%			
Additive Foaming %	0%	0%			
Plant Foaming %	100%	100%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	14%	16%			
NP. No Companies Departing	•				

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Minnesota

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014 2015		
s of HMA/WMA Produced	Tons (I	Villions)	Tons (I	Villions)	
Total	5.5	6.1	13.0	13.5	
DOT	1.3	1.4	2.9	3.2	
Other Agency	2.8	2.9	6.6	6.5	
Commercial and Residential	1.5	1.8	3.4	3.9	
Companies/Branches Reporting	7	7			
	Tons (	Villions)	Tons (I	Villions)	
Accepted	1.4	1.4	3.4	3.0	
Used in HMA/WMA	1.3	1.3	3.1	3.0	
Used in Aggregate	0.0	0.0	0.1	0.1	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	1.6	†	3.61	
	Average % l	Jsed in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	22.6%	20.7%			
Average % for Other Agency Mixes	21.7%	23.5%			
Average % for Commercial & Residential	21.6%	23.0%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	21.070	20.070	23.7%	21.9%	
	Other Data	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Othor Dut	Estimatou	
Percent of RAP Fractionated	+	0%	t	0%	
Percent of RAP Practionated Percent of RAP Mixes Using Softer Binder	†	16%	†	8%	
Percent of RAP Mixes Using Sorier binder	+	0%	†	0%	
	Tops (Th	iousands)		ousands)	
	3.0	0.0	7.1	0.0	
Unprocessed Accepted Processed Accepted	5.0	2.6	/.1	5.6	
Used in HMA/WMA	13.1	5.5	30.6	12.0	
	0.0	0.0		0.0	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix Used in Other	0.0	0.0	0.0	0.0	
Landfilled					
Lanunneu	0.0	0.0	0.0	0.0	
	*	Jsed in Mixes			
Average % for DOT Mixes	0.22%				
Average % for Other Agency Mixes	3.20%	3.26%			
Average % for Commercial & Residential	0.83%	0.84%	0.040/	0.000/	
State Average All Mixes Based on RAS Tons Used in HMA/WMA	100/	100/	0.24%	0.09%	
% Companies/Branches Reporting Using RAS	43%	43%			
A		Production		Villions)	
DOT	56%	43%	1.7	1.3	
Other Agency	67%	77%	4.4	5.0	
Commercial and Residential	69%	73%	2.4	2.8	
Total			8.4	9.1	
		Varket			
Chemical Additive %	2%	3%			
Additive Foaming %	0%	0%			
Plant Foaming %	98%	97%			
	0%	0%			
Organic Additive % % Companies/Branches Reporting Using WMA	078	070			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Mississippi

	Reporte	d Values	Total Estimated Value		
	2014 2015		2014 2015		
s of HMA/WMA Produced	Tons (N	Villions)	Tons (N	Villions)	
Total	2.4	2.1	3.5	4.5	
DOT	1.4	1.5	2.1	3.1	
Other Agency	0.5	0.4	0.8	0.8	
Commercial and Residential	0.4	0.3	0.6	0.6	
Companies/Branches Reporting	5	3			
)		Villions)	Tons (M	Villions)	
Accepted	0.4	0.4	0.5	, 0.8	
Used in HMA/WMA	0.4	0.4	0.6	0.8	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	0.6	†	1.22	
	Average % L	Jsed in Mixes	Áverage % L		
Average % for DOT Mixes	16.1%	19.1%			
Average % for Other Agency Mixes	17.0%	18.6%			
Average % for Commercial & Residential	21.0%	24.4%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	21.070	21.170	16.8%	17.1%	
	Other Data	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Other Date	Estimated	
Percent of RAP Fractionated	+	43%	†	16%	
Percent of RAP Practionated Percent of RAP Mixes Using Softer Binder	†	0%	†	0%	
Percent of RAP Mixes Using Soriel Binder	+	0%	†	0%	
	Tops (Th	ousands)	Tons (Th		
	1.5	0.0	2.2	0.0	
Unprocessed Accepted Processed Accepted	1.5	7.3	2.2	15.8	
Used in HMA/WMA	0.1	1.0	0.1	2.1	
	0.0	0.0	0.0	0.0	
Used in Aggregate Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0		
Landined			0.0	0.0	
Augusta and Minas	0.00%	Jsed in Mixes 0.00%			
Average % for DOT Mixes					
Average % for Other Agency Mixes	0.00%	0.00%			
Average % for Commercial & Residential	2.83%	1.92%	0.000/	0.050/	
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	200/	220/	0.00%	0.05%	
	20%	33%	Tana (N	(illiana)	
	T Company and the second se	Production	Tons (N		
DOT Other Access	90%	19%	1.9	0.6	
Other Agency	90%	36%	0.7	0.3	
Commercial and Residential	57%	30%	0.4	0.2	
Total	0/ C		2.9	1.1	
		Varket			
Chemical Additive %	0%	0%			
Additive Foaming %	0%	0%			
Plant Foaming %	100%	100%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	20%	33%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Missouri

	Reporte	d Values	Total Estimated Value		
	2014 2015		2014 2015		
ons of HMA/WMA Produced	Tons (I	Villions)		Villions)	
Total	1.9	1.6	6.1	6.0	
DOT	1.1	1.1	3.6	3.9	
Other Agency	0.1	0.3	0.4	1.0	
Commercial and Residential	0.6	0.3	2.1	1.0	
Companies/Branches Reporting	4	4			
P	Tons (I	Villions)	Tons (I	Villions)	
Accepted	0.5	0.3	1.7	, 1.3	
Used in HMA/WMA	0.4	0.4	1.2	1.4	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	0.2	†	0.76	
		Jsed in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	23.7%	22.3%			
Average % for Other Agency Mixes	23.4%	20.3%			
Average % for Commercial & Residential	21.2%	18.2%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	21.270	10.270	20.2%	23.5%	
	Other Dat	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	Othor Dut	Estimatou	
Percent of RAP Fractionated	100%	0%	†	0%	
Percent of RAP Mixes Using Softer Binder	†	35%	†	57%	
Percent of RAP Mixes Using Rejuvenators	†	19%	†	19%	
IS		iousands)		ousands)	
Unprocessed Accepted	48.8	20.1	157.5	74.9	
Processed Accepted	+0.0	2.0	137.5	74.7	
Used in HMA/WMA	25.2	26.1	81.4	97.4	
Used in Aggregate	0.0	0.0	0.0	0.6	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Jsed in Mixes	0.0	0.0	
Average % for DOT Mixes	1.91%				
Average % for Other Agency Mixes	2.11%	2.28%			
Average % for Commercial & Residential	1.89%	2.63%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA	1.0770	2.0070	1.33%	1.62%	
% Companies/Branches Reporting Using RAS	100%	100%	1.3370	1.0270	
MA		Production	Tons (I	Villions)	
DOT	11%	37%	0.4	1.5	
Other Agency	11%	47%	0.4	0.5	
Commercial and Residential	32%	35%	0.7	0.3	
Total	JZ /0	5570	1.1	2.3	
	0/ of 1	Varket	1.1	۷.۵	
Chamical Additive 0/					
Chemical Additive %	10%	48%			
Additive Foaming %	0%	0%			
Plant Foaming %	90%	52%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	19%	25%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Montana

JIIana	Report	ed Values	Total Estimated Value		
	2014	2015	2014	2015	
s of HMA/WMA Produced		(Millions)		Villions)	
Total	*	*	4.2	4.1	
DOT	*	*	*	*	
Other Agency	*	*	*	*	
Commercial and Residential	*	*	*	*	
Companies/Branches Reporting	*	*			
	Tons	(Millions)	Tons (I	Villions)	
Accepted	*	*	*	*	
Used in HMA/WMA	*	*	*	*	
Used in Aggregate	*	*	*	*	
Used in Cold Mix	*	*	*	*	
Used in Other	*	*	*	*	
Landfilled	*	*	*	*	
Tons of RAP Stockpiled at End of Year	†	*	+	*	
	'	Llood in Mixoo	I	lood in Miyoo	
	Average %	Used in Mixes	Average % (	Jsed in Mixes	
Average % for DOT Mixes	*	*			
Average % for Other Agency Mixes	*	*			
Average % for Commercial & Residential State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*	
State Average All Mixes Based of RAP Toris Used in HiviA/WiviA					
		ta Reported	Other Data	a Estimated	
% Companies/Branches Reporting Using RAP	*	*			
Percent of RAP Fractionated	†	*	†	*	
Percent of RAP Mixes Using Softer Binder	†	*	†	*	
Percent of RAP Mixes Using Rejuvenators	†	*	†	*	
S	Tons (T	housands)	Tons (Thousands)		
Unprocessed Accepted	*	*	*	*	
Processed Accepted	t	*	†	*	
Used in HMA/WMA	*	*	*	*	
Used in Aggregate	*	*	*	*	
Used in Cold Mix	*	*	*	*	
Used in Other	*	*	*	*	
Landfilled	*	*	*	*	
	Average %	Used in Mixes			
Average % for DOT Mixes	*	*			
Average % for Other Agency Mixes	*	*			
Average % for Commercial & Residential	*	*			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			*	*	
% Companies/Branches Reporting Using RAS	*	*			
Α	% Total	Production	Tons (I	Villions)	
DOT	*	*	*	*	
Other Agency	*	*	*	*	
Commercial and Residential	*	*	*	*	
Total			*	*	
	% of	Market			
Chemical Additive %	*	*			
Additive Foaming %	*	*			
Plant Foaming %	*	*			
Organic Additive %	*	*			
% Companies/Branches Reporting Using WMA	*	*			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Nebraska

	Reported	d Values	Total Estimated Value	
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons (N	(illions)	Tons (M	illions)
Total	0.8	*	3.2	3.0
DOT	0.4	*	1.7	*
Other Agency	0.2	*	0.6	*
Commercial and Residential	0.2	*	0.8	*
Companies/Branches Reporting	3	*		
	Tons (N	(illions)	Tons (M	illions)
Accepted	0.3	*	1.3	*
Used in HMA/WMA	0.3	*	1.0	*
Used in Aggregate	0.0	*	0.1	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other	0.0	*	0.0	*
Landfilled	0.0	*	0.0	*
Tons of RAP Stockpiled at End of Year	t	*	t	*
	Average % U	sed in Mixes	Average % Us	sed in Mixes
Average % for DOT Mixes	35.6%	*	/ Wordge /0 U.	
Average % for Other Agency Mixes	24.7%	*		
Average % for Commercial & Residential	15.5%	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA	15.570		32.7%	*
	Other Data	Poportod	Other Data	Estimatod
% Companies/Branches Reporting Using RAP		*	Other Data	LSUIIIdleu
	100%	*		*
Percent of RAP Fractionated	T t	*	T	*
Percent of RAP Mixes Using Softer Binder	Ť	*	†	*
Percent of RAP Mixes Using Rejuvenators	Ť		†	
	Tons (Tho	ousands)	Tons (Tho	wsands)
Unprocessed Accepted	0.0		0.0	*
Processed Accepted	†	*	†	*
Used in HMA/WMA	0.0	*	0.0	
Used in Aggregate	0.0	*	0.0	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other	0.0	*	0.0	*
Landfilled	0.0	*	0.0	*
	Average % U			
Average % for DOT Mixes	0.00%			
Average % for Other Agency Mixes	0.00%	*		
Average % for Commercial & Residential	0.00%	*		
State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.00%	*
% Companies/Branches Reporting Using RAS	33%	*		
A	% Total Pi	roduction	Tons (M	illions)
DOT	79%	*	1.4	*
Other Agency	52%	*	0.3	*
Common stall and Deside still	11%	*	0.1	*
Commercial and Residential			1.8	*
Total				
	% of N	larket		
Total	% of N 16%	Aarket *		
Total Chemical Additive %	16%			
Total Chemical Additive % Additive Foaming %	16% 0%	*		
Total Chemical Additive %	16%	*		

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Nevada

	Reported Values		Total Estimated Value	
	2014	2015	2014	2015
of HMA/WMA Produced	Tons (N	villions)	Tons (M	illions)
Total	0.5	*	3.7	3.5
DOT	0.2	*	1.4	*
Other Agency	0.1	*	0.5	*
Commercial and Residential	0.3	*	1.8	*
Companies/Branches Reporting	3	*		
	Tons (N	Villions)	Tons (M	illions)
Accepted	0.1	*	0.5	*
Used in HMA/WMA	0.1	*	0.6	*
Used in Aggregate	0.1	*	0.5	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other	0.0	*	0.0	*
Landfilled	0.0	*	0.0	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
		Jsed in Mixes	Average % Us	sed in Mixes
Average % for DOT Mixes	20.6%	*		
Average % for Other Agency Mixes	13.7%	*		
Average % for Commercial & Residential	23.2%	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA	20.270		17.7%	*
	Other Data	a Reported	Other Data	Estimated
% Companies/Branches Reporting Using RAP	100%	*	Other Data	Lotinated
Percent of RAP Fractionated	100%	*	t	*
	†	*	†	*
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	†	*	†	*
recent of tAF mixes Using Rejuvenators		oucondo)		ucondo)
lleven en en el Annoute el	Tons (Th	ousanus) *	Tons (Thousands)	
Unprocessed Accepted	0.0	*	0.0	*
Processed Accepted	†	*	†	*
Used in HMA/WMA	0.0	*	0.0	*
Used in Aggregate	0.0	*	0.0	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other Landfilled	0.0	*	0.0	*
Lanunneu	0.0		0.0	
		Jsed in Mixes		
Average % for DOT Mixes	0.00%	*		
Average % for Other Agency Mixes	0.00%	*		
Average % for Commercial & Residential	0.00%	*	0.0001	*
State Average All Mixes Based on RAS Tons Used in HMA/WMA	<b>C</b> 24	*	0.00%	*
% Companies/Branches Reporting Using RAS	0%			
		Production	Tons (M	
DOT	0%	*	0.0	*
Other Agency	0%	*	0.0	*
Commercial and Residential	0%	*	0.0	*
Total			0.0	*
		Varket		
Chemical Additive %	0%	*		
Additive Foaming %	0%	*		
Plant Foaming %	100%	*		
		*		
Organic Additive % % Companies/Branches Reporting Using WMA	0%	Ŷ		

NCR = No Companies Reporting

\* Fewer than three companies reporting

## **New Hampshire**

	Reporte	ed Values	Total Estimated Value	
	2014 2015		2014 2015	
of HMA/WMA Produced	Tons (Millions)		Tons (Millions)	
Total	1.6	1.3	1.9	1.8
DOT	0.4	0.4	0.5	0.5
Other Agency	0.4	0.3	0.5	0.4
Commercial and Residential	0.8	0.6	1.0	0.8
Companies/Branches Reporting	4	3		
	Tons (	Millions)	Tons (I	Villions)
Accepted	0.2	0.1	0.3	0.1
Used in HMA/WMA	0.4	0.2	0.4	0.3
Used in Aggregate	0.0	0.0	0.0	0.0
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0	0.0	0.0
Tons of RAP Stockpiled at End of Year	†	0.1	†	0.13
	Average %	Used in Mixes	Average % l	Jsed in Mixes
Average % for DOT Mixes	22.3%	22.8%		
Average % for Other Agency Mixes	22.9%	22.1%		
Average % for Commercial & Residential	24.5%	23.8%		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			22.5%	18.5%
5	Other Dat	a Reported		Estimated
% Companies/Branches Reporting Using RAP	100%	100%	o inor bai	Lotimatou
Percent of RAP Fractionated	+	0%	t	0%
Percent of RAP Mixes Using Softer Binder	†	0%	†	0%
Percent of RAP Mixes Using Rejuvenators	+	0%	t	0%
	Tons (T	nousands)		iousands)
	0.0	0.0	0.0	0.0
Unprocessed Accepted Processed Accepted	t	2.5	0.0	3.4
Used in HMA/WMA	5.1	2.5	6.2	3.4
	0.0	0.0	0.0	0.0
Used in Aggregate Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0		
Landined	÷.•		0.0	0.0
Augram 0/ for DOT Million		Used in Mixes		
Average % for DOT Mixes	0.00%			
Average % for Other Agency Mixes	1.86%	2.31%		
Average % for Commercial & Residential	2.19%	2.75%	0.000/	0 100/
State Average All Mixes Based on RAS Tons Used in HMA/WMA	E00/	220/	0.32%	0.19%
% Companies/Branches Reporting Using RAS	50%	33%		
		Production	Tons (Millions	
DOT	54%	64%	0.3	0.3
Other Agency	26%	38%	0.1	0.2
Commercial and Residential	32%	46%	0.3	0.4
Total			0.7	0.9
	-	Market		
Chemical Additive %	20%	20%		
Additive Foaming %	0%	0%		
Plant Foaming %	200%	70%		
Organic Additive %	10%	10%		
% Companies/Branches Reporting Using WMA	6%	11%		

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### **New Jersey**

Reported Values		Total Estimated Value		
	2014	2015	2014	2015
of HMA/WMA Produced	Tons (N	/illions)	Tons (M	illions)
Total	3.3	*	5.0	8.7
DOT	0.9	*	1.3	*
Other Agency	1.8	*	2.7	*
Commercial and Residential	0.7	*	1.0	*
Companies/Branches Reporting	3	*		
	Tons (N	/illions)	Tons (M	illions)
Accepted	1.3	*	2.0	*
Used in HMA/WMA	0.6	*	0.9	*
Used in Aggregate	0.0	*	0.0	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other	0.0	*	0.0	*
Landfilled	0.1	*	0.1	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
	Average % U	Ised in Mixes	Average % Us	sed in Mixes
Average % for DOT Mixes	15.1%	*		
Average % for Other Agency Mixes	17.5%	*		
Average % for Commercial & Residential	25.0%	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA	20.070		18.8%	*
	Other Data	Reported	Other Data	Estimated
% Companies/Branches Reporting Using RAP	100%	*	Other Data	Lotimated
Percent of RAP Fractionated	100 %	*	†	*
	†	*	†	*
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	†	*	†	*
		aucanda)		ucondo)
	Tons (Th	uusanus) *	Tons (Thousands)	
Unprocessed Accepted	0.0	*	0.0	*
Processed Accepted	†	*	†	*
Used in HMA/WMA	0.0	*	0.0	*
Used in Aggregate	0.0	*	0.0	*
Used in Cold Mix	0.0	*	0.0	*
Used in Other	0.0	*	0.0	*
Landfilled	0.0		0.0	*
	Average % U			
Average % for DOT Mixes	0.00%			
Average % for Other Agency Mixes	0.00%	*		
Average % for Commercial & Residential	0.00%	*		
State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.00%	*
% Companies/Branches Reporting Using RAS	0%	*		
A	% Total P		Tons (M	illions)
DOT	1%	*	0.0	*
Other Agency	10%	*	0.3	*
Commercial and Residential	10%	*	0.1	*
Total			0.4	*
	% of N	Market		
Chemical Additive %	0%	*		
Additive Foaming %	0%	*		
Plant Foaming %	100%	*		
Organic Additive %	0%	*		
% Companies/Branches Reporting Using WMA	11%	*		

NCR = No Companies Reporting

\* Fewer than three companies reporting

## **New Mexico**

	Report	ed Values	Total Estimated Value		
	2014	2015	2014	2015	
of HMA/WMA Produced	Tons	(Millions)	Tons (	Millions)	
Total	*	NCR	3.8	3.5	
DOT	*	NCR	*	NCR	
Other Agency	*	NCR	*	NCR	
Commercial and Residential	*	NCR	*	NCR	
Companies/Branches Reporting	*	NCR			
	Tons	(Millions)	Tons (	Millions)	
Accepted	*	NCR	*	NCR	
Used in HMA/WMA	*	NCR	*	NCR	
Used in Aggregate	*	NCR	*	NCR	
Used in Cold Mix	*	NCR	*	NCR	
Used in Other	*	NCR	*	NCR	
Landfilled	*	NCR	*	NCR	
Tons of RAP Stockpiled at End of Year	t	NCR	†	NCR	
		Used in Mixes		Used in Mixes	
Average % for DOT Mixes	*	NCR		2200 1111/03	
Average % for Other Agency Mixes	*	NCR			
Average % for Commercial & Residential	*	NCR			
State Average All Mixes Based on RAP Tons Used in HMA/WMA		NOR	*	NCR	
	Other Da	ta Reported	Other Dat	a Estimated	
% Companies/Branches Reporting Using RAP	*	NCR	Other Dat		
	+		+	NCD	
Percent of RAP Fractionated	† †	NCR	†	NCR	
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	+	NCR	†	NCR	
	Tana /T	NCR	† 	NCR	
I have a second discovery of	1 ONS (1	housands)	10NS (1)	nousands)	
Unprocessed Accepted		NCR		NCR	
Processed Accepted	† *	NCR	†*	NCR	
Used in HMA/WMA	*	NCR	*	NCR	
Used in Aggregate	*	NCR	*	NCR	
Used in Cold Mix	*	NCR	*	NCR	
Used in Other	*	NCR	*	NCR	
Landfilled		NCR	*	NCR	
	Average %	Used in Mixes			
Average % for DOT Mixes	*	NCR			
Average % for Other Agency Mixes		NCR			
Average % for Commercial & Residential	*	NCR			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			*	NCR	
% Companies/Branches Reporting Using RAS	*	NCR			
	% Total	Production	Tons (	Millions)	
DOT	*	NCR	*	NCR	
Other Agency	*	NCR	*	NCR	
Commercial and Residential	*	NCR	*	NCR	
Total			*	NCR	
	% of	Market			
Chemical Additive %	*	NCR			
Additive Foaming %	*	NCR			
Plant Foaming %	*	NCR			
	1				
Organic Additive % % Companies/Branches Reporting Using WMA	*	NCR			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## New York

	Reporte	d Values	Total Estimated Value		
	2014 2015		2014 2015		
s of HMA/WMA Produced	Tons (Millions)		Tons (Millions)		
Total	5.1	7.2	16.3	16.8	
DOT	1.5	2.0	4.9	4.7	
Other Agency	1.3	3.0	4.1	7.0	
Commercial and Residential	2.3	2.2	7.3	5.2	
Companies/Branches Reporting	9	12		•	
	Tons (	Villions)	Tons (I	Villions)	
Accepted	0.6	1.1	1.8	2.5	
Used in HMA/WMA	0.7	1.2	2.2	2.7	
Used in Aggregate	0.0	0.0	0.0	0.1	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	1.1	†	2.58	
	Average % l	Jsed in Mixes	Average % l	Jsed in Mixes	
Average % for DOT Mixes	16.9%	18.0%	5		
Average % for Other Agency Mixes	17.9%	18.9%			
Average % for Commercial & Residential	16.4%	17.0%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			13.7%	16.1%	
	Other Dat	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	100%	100%	State Suite		
Percent of RAP Fractionated	t	15%	†	4%	
Percent of RAP Mixes Using Softer Binder	†	3%	+	2%	
Percent of RAP Mixes Using Borter binder	†	9%	+	2%	
		nousands)	-	ousands)	
Unprocessed Accepted	0.1	0.0	0.3	0.0	
Processed Accepted	t	0.0	0.3	0.0	
Used in HMA/WMA	0.1	0.3	0.3	0.0	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0			
		U.U Jsed in Mixes	0.0	0.0	
Average % for DOT Mixed	0.00%				
Average % for DOT Mixes	0.00%	0.00%			
Average % for Other Agency Mixes		0.00%			
Average % for Commercial & Residential	0.09%	0.10%	0.000/	0.000/	
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	110/	00/	0.00%	0.00%	
	11%	8%	Tare	(illione)	
		Production		Villions)	
DOT Other Assess	21%	30%	1.0	1.4	
Other Agency	8%	20%	0.3	1.4	
Commercial and Residential	14%	11%	1.0	0.6	
Total			2.4	3.3	
		Market			
Chemical Additive %	10%	49%			
Additive Foaming %	0%	0%			
Plant Foaming %	90%	51%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	9%	7%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

## North Carolina

	Reporte	ed Values	Total Estimated Value		
	2014	2015	2014	2015	
ns of HMA/WMA Produced	Tons (Millions)		Tons (Millions)		
Total	4.2	5.9	12.0	11.0	
DOT	2.6	3.8	7.5	7.1	
Other Agency	0.3	0.7	1.0	1.3	
Commercial and Residential	1.2	1.4	3.5	2.6	
Companies/Branches Reporting	7	8			
P	Tons (	Millions)	Tons (I	Villions)	
Accepted	1.0	1.3	2.8	2.4	
Used in HMA/WMA	1.1	1.6	3.1	2.9	
Used in Aggregate	0.5	0.0	1.5	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.1	0.0	0.3	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	1.6	t	3.02	
	Average % I	Used in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	26.3%	26.6%			
Average % for Other Agency Mixes	17.5%	20.5%			
Average % for Commercial & Residential	27.7%	30.6%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	21.170	50.070	25.8%	26.3%	
	Other Dat	a Reported		a Estimated	
% Companies/Branches Reporting Using RAP					
	100%	100% 34%	+	220/	
Percent of RAP Fractionated	+		† †	33% 57%	
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators		30%	†	57% 0%	
	Tana /Th	0%			
S		nousands)		iousands)	
Unprocessed Accepted	20.0	37.0	56.8	68.7	
Processed Accepted	†	46.7	†	86.6	
Used in HMA/WMA	11.6	73.7	32.9	136.8	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
	-	Used in Mixes			
Average % for DOT Mixes	2.41%	2.73%			
Average % for Other Agency Mixes	2.00%	0.00%			
Average % for Commercial & Residential	0.90%	1.25%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.27%	1.24%	
% Companies/Branches Reporting Using RAS	57%	38%			
ЛА		Production	Tons (Millions)		
DOT	6%	4%	0.4	0.3	
Other Agency	8%	0%	0.1	0.0	
Commercial and Residential	10%	5%	0.4	0.1	
Total			0.9	0.4	
	% of	Market			
Chemical Additive %	16%	36%			
Additive Foaming %	0%	0%			
Plant Foaming %	60%	64%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	10%	8%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### North Dakota

	Reported Values		Total Estimated Value		
	2014	2015	2014	2015	
s of HMA/WMA Produced	Tons (	Millions)	Tons (N	/illions)	
Total	*	*	5.0	3.0	
DOT	*	*	*	*	
Other Agency	*	*	*	*	
Commercial and Residential	*	*	*	*	
Companies/Branches Reporting	*	*			
	Tons (	Millions)	Tons (N	/illions)	
Accepted	*	*	*	*	
Used in HMA/WMA	*	*	*	*	
Used in Aggregate	*	*	*	*	
Used in Cold Mix	*	*	*	*	
Used in Other	*	*	*	*	
Landfilled	*	*	*	*	
Tons of RAP Stockpiled at End of Year	†	*	†	*	
	Average %	Used in Mixes	Average % L	lsed in Mixes	
Average % for DOT Mixes	*	*			
Average % for Other Agency Mixes	*	*			
Average % for Commercial & Residential	*	*			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*	
	Othor Dat	ta Reported	Other Data	Estimatod	
% Companies/Branches Reporting Using RAP	*	*	Other Data	Estimateu	
		*		*	
Percent of RAP Fractionated	Ť	*	†	*	
Percent of RAP Mixes Using Softer Binder	Ť	*	†	*	
Percent of RAP Mixes Using Rejuvenators	† 		†		
	Ions (II	housands)	Tons (Thousands)		
Unprocessed Accepted		*		*	
Processed Accepted	† *	*	† *	*	
Used in HMA/WMA	*	*	*	*	
Used in Aggregate	*	*	*	*	
Used in Cold Mix	*	*	*	*	
Used in Other	*	*	*	*	
Landfilled			*	*	
	Average %	Used in Mixes			
Average % for DOT Mixes	*	*			
Average % for Other Agency Mixes	*	*			
Average % for Commercial & Residential	*	*			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			*	*	
% Companies/Branches Reporting Using RAS	*	*			
A	% Total	Production	Tons (N	/illions)	
DOT	*	*	*	*	
Other Agency	*	*	*	*	
Commercial and Residential	*	*	*	*	
Total			*	*	
	% of	Market			
Chemical Additive %	*	*			
Additive Foaming %	*	*			
Plant Foaming %	*	*			
Organic Additive %	*	*			

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Ohio

Re		ed Values	Values Total Estimated Value		
	2014	2015	2014 2015		
ns of HMA/WMA Produced	Tons (	Millions)	Tons (I	Villions)	
Total	13.5	11.0	14.8	. 17.4	
DOT	6.1	5.7	6.7	9.0	
Other Agency	3.8	3.2	4.1	5.1	
Commercial and Residential	3.7	2.1	4.0	3.3	
Companies/Branches Reporting	7	4			
• • • • • • • • • • • • • • • • • • •	Tons (	Millions)	Tons (	Villions)	
Accepted	3.4	2.5	3.7	4.0	
Used in HMA/WMA	3.8	3.1	4.1	4.8	
Used in Aggregate	0.1	0.1	0.1	0.2	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	2.0	t	3.13	
		Jsed in Mixes	Δverage % I	Jsed in Mixes	
Average % for DOT Mixes	27.5%	33.2%	Average 70 C		
Average % for Other Agency Mixes	25.0%	27.3%			
Average % for Commercial & Residential	29.9%	30.6%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	29.970	30.070	28.0%	27.8%	
	Other Dat	a Doportod			
0/ Companies/Properties Lising DAD		a Reported	Uther Data	a Estimated	
% Companies/Branches Reporting Using RAP	100%	100%		050/	
Percent of RAP Fractionated	Ť	19%	t	25%	
Percent of RAP Mixes Using Softer Binder	†	24%	†	28%	
Percent of RAP Mixes Using Rejuvenators	†	0%	†	0%	
	1	nousands)		iousands)	
Unprocessed Accepted	9.5	12.0	10.4	19.0	
Processed Accepted	†	2.2	1	3.5	
Used in HMA/WMA	26.3	14.9	28.8	23.5	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Jsed in Mixes			
Average % for DOT Mixes	0.00%				
Average % for Other Agency Mixes	0.60%	2.39%			
Average % for Commercial & Residential	0.91%	1.30%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			0.19%	0.14%	
% Companies/Branches Reporting Using RAS	43%	50%			
A	% Total I	Production	Tons (I	Villions)	
DOT	70%	59%	4.7	5.3	
Other Agency	64%	55%	2.6	2.8	
Commercial and Residential	66%	59%	2.7	2.0	
Total			9.9	10.1	
	% of	Market		- 	
Chemical Additive %	0%	0%			
Additive Foaming %	0%	0%			
Plant Foaming %	100%	100%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	14%	25%			
	1470	2J/0			

NCR = No Companies Reporting

\* Fewer than three companies reporting

# Oklahoma

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014 2015		
ns of HMA/WMA Produced	Tons (I	Villions)	Tons (N	Villions)	
Total	2.2	2.1	4.6	6.3	
DOT	1.2	1.0	2.4	3.1	
Other Agency	0.6	0.3	1.3	0.9	
Commercial and Residential	0.4	0.7	0.9	2.3	
Companies/Branches Reporting	6	5	-		
• • • • • • • • • • • • • • • • • • •	-	Villions)	Tons (N	Villions)	
Accepted	0.5	0.5	1.0	1.6	
Used in HMA/WMA	0.4	0.4	0.8	1.2	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	0.5	+	1.67	
	Average % I	Jsed in Mixes	ہ Average % L		
Average % for DOT Mixes	19.2%	18.1%	Average /0 C		
Average % for Other Agency Mixes	14.8%	18.1%			
Average % for Commercial & Residential	22.0%	24.5%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	22.0%	24.3%	16.5%	10 / 0/	
State Average Air Mixes Dased of RAF Toris Used in HimA/WIMA	Other Det	Demonted		19.6%	
0/ Compositor/Dropokao Departing Llaing DAD	7	a Reported	Other Data	a Estimated	
% Companies/Branches Reporting Using RAP	100%	100%			
Percent of RAP Fractionated	†	83%	†	97%	
Percent of RAP Mixes Using Softer Binder	†	7%	†	9%	
Percent of RAP Mixes Using Rejuvenators	†	0%	†	0%	
	1	ousands)		ousands)	
Unprocessed Accepted	28.5	35.0	59.5	106.6	
Processed Accepted	†	0.0	†	0.0	
Used in HMA/WMA	25.0	17.6	52.2	53.6	
Used in Aggregate	0.0	0.0	0.0	0.3	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Jsed in Mixes			
Average % for DOT Mixes	0.00%	0.00%			
Average % for Other Agency Mixes	2.00%	0.94%			
Average % for Commercial & Residential	2.39%	3.09%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			1.13%	0.85%	
% Companies/Branches Reporting Using RAS	33%	40%			
Α	% Total F	Production	Tons (N	Villions)	
DOT	47%	49%	1.1	1.5	
Other Agency	62%	62%	0.8	0.6	
Commercial and Residential	87%	44%	0.8	1.0	
Total			2.7	3.1	
	% of I	Market			
Chemical Additive %	1%	0%			
Additive Foaming %	0%	0%			
Plant Foaming %	99%	100%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	14%	16%			
		1(1)%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Oregon

egon	Reporte	ed Values	Total Estimated Value		
	2014	2015	2014 2015		
ns of HMA/WMA Produced		Millions)		Villions)	
Total	1.5	1.7	4.9	4.9	
DOT	0.5	0.3	1.6	0.7	
Other Agency	0.4	0.5	1.3	1.4	
Commercial and Residential	0.6	0.9	1.9	2.7	
Companies/Branches Reporting	5	4			
		Millions)	Tons (I	Villions)	
Accepted	0.3	0.5	1.1	1.6	
Used in HMA/WMA	0.4	0.5	1.4	1.3	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	0.5	t	1.51	
		Used in Mixes	Average % I	Jsed in Mixes	
Average % for DOT Mixes	25.5%	25.1%	Average 70 C		
Average % for Other Agency Mixes	23.7%	22.5%			
Average % for Commercial & Residential	28.2%	28.8%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	20.270	20.070	28.0%	27.1%	
	Othor Dat	a Reported		a Estimated	
% Companies/Branches Reporting Using RAP	7		Other Data	ESUINALEU	
a	100%	100%	±	F0(	
Percent of RAP Fractionated		3%	†	5%	
Percent of RAP Mixes Using Softer Binder	†	23%	†	42%	
Percent of RAP Mixes Using Rejuvenators		5%	† 	11%	
	· · · · ·	nousands)		ousands)	
Unprocessed Accepted	15.0	30.0	50.4	87.2	
Processed Accepted	†	2.8	†	8.2	
Used in HMA/WMA	18.8	36.9	63.3	107.3	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Used in Mixes			
Average % for DOT Mixes	0.00%				
Average % for Other Agency Mixes	0.42%	0.00%			
Average % for Commercial & Residential	1.89%	2.78%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			1.29%	2.21%	
% Companies/Branches Reporting Using RAS	40%	100%			
A		Production		Villions)	
DOT	11%	13%	0.2	0.1	
Other Agency	33%	12%	0.4	0.2	
Commercial and Residential	4%	10%	0.1	0.3	
Total			0.7	0.5	
	% of	Market			
Chemical Additive %	9%	0%			
Additive Foaming %	0%	0%			
Plant Foaming %	91%	100%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	16%	19%			
Na Camanania - Dananian					

NCR = No Companies Reporting

\* Fewer than three companies reporting

# Pennsylvania

	Reporte	d Values	Total Estimated Value		
	2014	2015	2014	2015	
s of HMA/WMA Produced	Tons (	Villions)	Tons (N	Aillions)	
Total	3.2	4.6	17.7	19.4	
DOT	1.7	2.4	9.5	10.1	
Other Agency	0.3	0.7	1.8	2.8	
Commercial and Residential	1.2	1.5	6.4	6.5	
Companies/Branches Reporting	6	8			
		Villions)	Tons (M	Aillions)	
Accepted	0.6	0.6	3.1	2.6	
Used in HMA/WMA	0.5	0.7	2.8	2.9	
Used in Aggregate	0.0	0.0	0.0	0.1	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	1.0	t	4.11	
		Jsed in Mixes	Average % L		
Average % for DOT Mixes	16.9%	16.4%	Awerdye 70 C		
Average % for Other Agency Mixes	18.1%	17.3%			
Average % for Commercial & Residential	16.8%	21.0%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	10.070	21.070	15.9%	14.9%	
	Other Date	a Reported		Estimated	
% Companies/Branches Reporting Using RAP			Other Data	ESUIIIaleu	
	100%	100%	1	100/	
Percent of RAP Fractionated	†	19%	†	19%	
Percent of RAP Mixes Using Softer Binder	†	6%	†	8%	
Percent of RAP Mixes Using Rejuvenators	† 	4%	† 	10%	
	1	iousands)	Tons (Th	-	
Unprocessed Accepted	38.0	46.0	208.4	194.3	
Processed Accepted	†	0.0	†	0.0	
Used in HMA/WMA	59.0	53.0	323.6	223.9	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
		Jsed in Mixes			
Average % for DOT Mixes	0.89%	1.56%			
Average % for Other Agency Mixes	0.76%	2.06%			
Average % for Commercial & Residential	3.67%	2.15%			
State Average All Mixes Based on RAS Tons Used in HMA/WMA	_		1.83%	1.15%	
% Companies/Branches Reporting Using RAS	33%	38%			
Α	% Total F	Production	Tons (M	Aillions)	
DOT	56%	78%	5.3	7.8	
		18%	0.3	0.5	
Other Agency	15%				
	15% 13%	17%	0.9	1.1	
Other Agency			0.9 6.5	1.1 9.4	
Other Agency Commercial and Residential	13%				
Other Agency Commercial and Residential	13%	17%			
Other Agency Commercial and Residential Total Chemical Additive %	13% % of I	17% Market			
Other Agency Commercial and Residential Total Chemical Additive % Additive Foaming %	13% % of 1 38%	17% Market 70%			
Other Agency Commercial and Residential Total Chemical Additive %	13% % of 1 38% 0%	17% Market 70% 0%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### **Puerto Rico**

Reported Values		d Values	Total Estimated Value	
	2014	2015	2014	2015
is of HMA/WMA Produced	Tons (N	/illions)	Tons (M	illions)
Total	NCR	*	1.6	1.0
DOT	NCR	*	NCR	*
Other Agency	NCR	*	NCR	*
Commercial and Residential	NCR	*	NCR	*
Companies/Branches Reporting	NCR	*		
	Tons (N	(illions)	Tons (M	illions)
Accepted	NCR	*	NCR	*
Used in HMA/WMA	NCR	*	NCR	*
Used in Aggregate	NCR	*	NCR	*
Used in Cold Mix	NCR	*	NCR	*
Used in Other	NCR	*	NCR	*
Landfilled	NCR	*	NCR	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
	Average % U	sed in Mixes	Average % Us	ed in Mixes
Average % for DOT Mixes	NCR	*		
Average % for Other Agency Mixes	NCR	*		
Average % for Commercial & Residential	NCR	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			NCR	*
	Other Data	Reported	Other Data	Estimated
% Companies/Branches Reporting Using RAP	NCR	*	othor bata	Lotimatoa
Percent of RAP Fractionated	†	*	†	*
Percent of RAP Mixes Using Softer Binder	†	*	†	*
Percent of RAP Mixes Using Rejuvenators	+	*	†	*
	Tons (The	ousands)	Tons (Tho	usands)
Unprocessed Accepted	NCR	*	NCR	*
Processed Accepted	†	*	†	*
Used in HMA/WMA	NCR	*	NCR	*
Used in Aggregate	NCR	*	NCR	*
Used in Cold Mix	NCR	*	NCR	*
Used in Other	NCR	*	NCR	*
Landfilled	NCR	*	NCR	*
Landinica	Average % U	sod in Mixos	NCK	
Average % for DOT Mixes	NCR	*		
Average % for Other Agency Mixes	NCR	*		
Average % for Commercial & Residential	NCR	*		
State Average All Mixes Based on RAS Tons Used in HMA/WMA	NCK		NCR	*
% Companies/Branches Reporting Using RAS	NCR	*	NCK	
A	% Total P	roduction	Tons (M	illions)
	NCR	*	NCR	*
DOT Other Agency	NCR	*	NCR	*
Other Agency Commercial and Residential	NCR	*	NCR	*
				*
Total	0/ 06	Aarkat	NCR	
	% of N	/larket *		
Chemical Additive %	NCR	*		
Additive Foaming %	NCR	*		
Plant Foaming %	NCR	*		
Organic Additive %	NCR			
% Companies/Branches Reporting Using WMA	NCR	*		

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### **Rhode Island**

	Reported Values		Total Estimated Value		
	2014	2015	2014	2015	
of HMA/WMA Produced	Tons (I	Millions)	Tons (N	Aillions)	
Total	*	*	2.4	2.3	
DOT	*	*	*	*	
Other Agency	*	*	*	*	
Commercial and Residential	*	*	*	*	
Companies/Branches Reporting	*	*			
	Tons (	Millions)	Tons (N	Aillions)	
Accepted	*	*	*	*	
Used in HMA/WMA	*	*	*	*	
Used in Aggregate	*	*	*	*	
Used in Cold Mix	*	*	*	*	
Used in Other	*	*	*	*	
Landfilled	*	*	*	*	
Tons of RAP Stockpiled at End of Year	t	*	†	*	
	'	Jsed in Mixes	Average % L	lsad in Mivas	
Average % for DOT Mixes	*	*	Average 70 L		
Average % for Other Agency Mixes	*	*			
Average % for Commercial & Residential	*	*			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*	
State Average All Mikes Dased of NAP Tons Osed in HiviAv WiviA	Other Det	a Doportod	Other Data	Fotimated	
W. Commencies/Describes Describes Hales DAD	Uther Dat	a Reported	Other Data	Estimated	
% Companies/Branches Reporting Using RAP	*	*		*	
Percent of RAP Fractionated	†	*	†	*	
Percent of RAP Mixes Using Softer Binder	ţ.		†		
Percent of RAP Mixes Using Rejuvenators	†	*	†	*	
	Tons (Th	nousands)	Tons (Thousands)		
Unprocessed Accepted	*	*	*	*	
Processed Accepted	†	*	†	*	
Used in HMA/WMA	*	*	*	*	
Used in Aggregate	*	*	*	*	
Used in Cold Mix	*	*	*	*	
Used in Other	*	*	*	*	
Landfilled	*	*	*	*	
	Average % l	Jsed in Mixes			
Average % for DOT Mixes	*	*			
Average % for Other Agency Mixes	*	*			
Average % for Commercial & Residential	*	*			
State Average All Mixes Based on RAS Tons Used in HMA/WMA			*	*	
% Companies/Branches Reporting Using RAS	*	*			
	% Total F	Production	Tons (N	Aillions)	
DOT	*	*	*	*	
Other Agency	*	*	*	*	
Commercial and Residential	*	*	*	*	
			*	*	
Total	% of I	Market			
	% of	Market *			
Chemical Additive %	5				
Chemical Additive % Additive Foaming %	*	*			
Chemical Additive %	*	*			

NCR = No Companies Reporting

\* Fewer than three companies reporting

# South Carolina

	Reporte	ed Values	Total Estimated Value		
	2014	2015	2014	2015	
s of HMA/WMA Produced	Tons (	Millions)	Tons (I	Millions)	
Total	2.0	1.7	4.9	5.5	
DOT	1.3	1.0	3.3	3.2	
Other Agency	0.2	0.3	0.5	1.0	
Commercial and Residential	0.4	0.4	1.1	1.3	
Companies/Branches Reporting	6	5			
• · · · · · · · · · · · · · · · · · · ·	Tons (	Millions)	Tons (I	Millions)	
Accepted	0.3	0.2	0.8	0.7	
Used in HMA/WMA	0.4	0.3	1.0	1.0	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	t	0.1	†	0.35	
	Average %	Jsed in Mixes	Average % l	Jsed in Mixes	
Average % for DOT Mixes	22.6%	17.4%			
Average % for Other Agency Mixes	21.5%	17.5%			
Average % for Commercial & Residential	25.0%	23.0%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			21.2%	18.8%	
	Other Dat	a Reported		a Estimated	
% Companies/Branches Reporting Using RAP	100%	100%			
Percent of RAP Fractionated	+	24%	†	31%	
Percent of RAP Mixes Using Softer Binder	†	0%	†	0%	
Percent of RAP Mixes Using Rejuvenators	+	0%	†	0%	
	Tons (Th	nousands)		nousands)	
Unprocessed Accepted	2.0	8.0	5.0	26.2	
Processed Accepted	1	0.0		0.0	
Used in HMA/WMA	1.1	0.0	2.7	0.0	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Landinicu		Used in Mixes	0.0	0.0	
Average % for DOT Mixes	0.00%				
<u> </u>	0.20%	0.00%			
Average % for Other Agency Mixes					
Average % for Commercial & Residential State Average All Mixes Based on RAS Tons Used in HMA/WMA	0.16%	0.00%	0.06%	0.00%	
% Companies/Branches Reporting Using RAS	17%	20%	0.00%	0.00%	
			Tone	Millione)	
A		Production		Millions)	
DOT Other Agency	5%	53%	0.2	1.7	
Other Agency	0%	1%	0.0	0.0	
Commercial and Residential	0%	0%	0.0	0.0	
Total		Manlaat	0.2	1.7	
		Market			
Chemical Additive %	92%	100%			
Additive Foaming %	0%	0%			
Plant Foaming %	8%	0%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	14%	16%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### South Dakota

	Report	ted Values	Total Estimated Value		
	2014	2015	2014	2015	
is of HMA/WMA Produced	Tons (Millions)		Tons (Millions)		
Total	*	NCR	2.1	2.1	
DOT	*	NCR	*	NCR	
Other Agency	*	NCR	*	NCR	
Commercial and Residential	*	NCR	*	NCR	
Companies/Branches Reporting	*	NCR			
P	Tons	(Millions)	Tons	(Millions)	
Accepted	*	NCR	*	NCR	
Used in HMA/WMA	*	NCR	*	NCR	
Used in Aggregate	*	NCR	*	NCR	
Used in Cold Mix	*	NCR	*	NCR	
Used in Other	*	NCR	*	NCR	
Landfilled	*	NCR	*	NCR	
Tons of RAP Stockpiled at End of Year	†	NCR	†	NCR	
	Average %	Used in Mixes		Used in Mixes	
Average % for DOT Mixes	*	NCR			
Average % for Other Agency Mixes	*	NCR			
Average % for Commercial & Residential	*	NCR			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	NCR	
	Other Da	ata Reported	Other Dat	a Estimated	
% Companies/Branches Reporting Using RAP	*	NCR	Other Bu	Estimatou	
Percent of RAP Fractionated	+	NCR	†	NCR	
Percent of RAP Mixes Using Softer Binder	+	NCR	†	NCR	
Percent of RAP Mixes Using Rejuvenators	+	NCR	†	NCR	
S		Thousands)		housands)	
	*	NCR	*	NCR	
Unprocessed Accepted	+	NCR	†	NCR	
Processed Accepted Used in HMA/WMA	† *	NCR	*	NCR	
	*		*	NCR	
Used in Aggregate	*	NCR	*		
Used in Cold Mix	*	NCR	*	NCR	
Used in Other Landfilled	*	NCR	*	NCR	
Lanunneu		NCR		NCR	
	Average %	Used in Mixes			
Average % for DOT Mixes	*	NCR			
Average % for Other Agency Mixes	*	NCR			
Average % for Commercial & Residential		NCR	*	NOD	
State Average All Mixes Based on RAS Tons Used in HMA/WMA	*	NOD	'n	NCR	
% Companies/Branches Reporting Using RAS		NCR		(A 4111) \	
ЛА	% Total	Production		(Millions)	
DOT	*	NCR	*	NCR	
Other Agency	*	NCR	*	NCR	
Commercial and Residential	*	NCR		NCR	
Total			*	NCR	
	-	f Market			
Chemical Additive %	*	NCR			
Additive Foaming %	*	NCR			
Plant Foaming %	*	NCR			
		1100			
Organic Additive % % Companies/Branches Reporting Using WMA	*	NCR			

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Tennessee

	Reporte	d Values	Total Estimated Value		
	2014 2015		2014 2015		
s of HMA/WMA Produced	Tons (	Villions)	Tons (I	Villions)	
Total	4.4	5.5	7.4	7.8	
DOT	2.4	2.6	4.0	3.7	
Other Agency	0.8	0.9	1.4	1.3	
Commercial and Residential	1.2	2.0	2.0	2.8	
Companies/Branches Reporting	7	8			
	Tons (I	Villions)	Tons (I	Villions)	
Accepted	0.7	2.0	1.2	2.8	
Used in HMA/WMA	0.6	1.2	1.0	1.8	
Used in Aggregate	0.0	0.0	0.0	0.0	
Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Tons of RAP Stockpiled at End of Year	†	2.0	†	2.80	
· · · · · · · · · · · · · · · · · · ·	Average % L	Jsed in Mixes	Average % l	Jsed in Mixes	
Average % for DOT Mixes	17.9%	18.4%			
Average % for Other Agency Mixes	16.9%	22.9%			
Average % for Commercial & Residential	24.6%	24.5%			
State Average All Mixes Based on RAP Tons Used in HMA/WMA	21.070	21.070	14.0%	22.6%	
	Other Data	a Reported		Estimated	
% Companies/Branches Reporting Using RAP	100%	88%	Othor But	Estimatou	
Percent of RAP Fractionated	+	20%	t	23%	
Percent of RAP Mixes Using Softer Binder	†	2%	†	5%	
Percent of RAP Mixes Using Sorter Diruct	+	18%	†	29%	
	Tops (Th	iousands)		ousands)	
	40.5	0.0	67.2	0.0	
Unprocessed Accepted Processed Accepted	40.5	23.0	07.2 †	32.5	
Used in HMA/WMA	39.1	20.8	64.8	29.4	
	0.0	0.0	0.0	0.0	
Used in Aggregate Used in Cold Mix	0.0	0.0	0.0	0.0	
Used in Other	0.0	0.0	0.0	0.0	
Landfilled	0.0	0.0	0.0	0.0	
Landined		Jsed in Mixes	0.0	0.0	
Average 0/ for DOT Mixee	2.96%				
Average % for DOT Mixes	1.63%	1.65%			
Average % for Other Agency Mixes Average % for Commercial & Residential	-	1.65%			
<u> </u>	2.31%	1.00%	0.000/	0.200/	
State Average All Mixes Based on RAS Tons Used in HMA/WMA % Companies/Branches Reporting Using RAS	400/	50%	0.88%	0.38%	
	43%		T		
	-	Production		Villions)	
DOT Other Access	17%	20%	0.7	0.7	
Other Agency	13%	35%	0.2	0.4	
Commercial and Residential	37%	48%	0.7	1.3	
Total			1.6	2.5	
	-	Varket			
Chemical Additive %	10%	56%			
Additive Foaming %	0%	0%			
Plant Foaming %	90%	44%			
Organic Additive %	0%	0%			
% Companies/Branches Reporting Using WMA	10%	9%			

NCR = No Companies Reporting

\* Fewer than three companies reporting

Reported Values		ed Values	Total Estim	ated Value
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons	(Millions)	Tons (N	/illions)
Total	9.7	8.3	18.0	20.0
DOT	5.9	4.5	10.9	10.8
Other Agency	2.5	2.4	4.5	5.8
Commercial and Residential	1.4	1.4	2.5	3.3
Companies/Branches Reporting	11	8		
	Tons	(Millions)	Tons (N	Aillions)
Accepted	1.3	0.5	2.4	1.2
Used in HMA/WMA	1.5	1.0	2.8	2.5
Used in Aggregate	0.0	0.0	0.0	0.1
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0	0.0	0.0
Tons of RAP Stockpiled at End of Year	†	1.3	†	3.13
	Average %	Used in Mixes	Average % U	sed in Mixes
Average % for DOT Mixes	15.3%	17.2%		
Average % for Other Agency Mixes	15.5%	15.5%		
Average % for Commercial & Residential	17.0%	16.6%		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			15.3%	12.6%
	Other Da	ta Reported	Other Data	Estimated
% Companies/Branches Reporting Using RAP	100%	100%		
Percent of RAP Fractionated	t	50%	†	49%
Percent of RAP Mixes Using Softer Binder	t	29%	†	26%
Percent of RAP Mixes Using Rejuvenators	t	0%	†	0%
	Tons (T	housands)	Tons (Th	ousands)
Unprocessed Accepted	153.2	86.0	283.1	208.1
Processed Accepted	t	26.6	†	64.4
Used in HMA/WMA	167.2	124.5	309.0	301.2
Used in Aggregate	0.0	0.0	2.2	2.9
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0	0.0	0.0
	Average %	Used in Mixes		
Average % for DOT Mixes	2.28%	2.98%		
Average % for Other Agency Mixes	2.28%	2.54%		
Average % for Commercial & Residential	2.01%	2.30%		
State Average All Mixes Based on RAS Tons Used in HMA/WMA			1.72%	1.51%
% Companies/Branches Reporting Using RAS	64%	75%		
A	% Total	Production	Tons (N	/illions)
DOT	38%	42%	4.1	4.5
Other Agency	13%	12%	0.6	0.7
Commercial and Residential	12%	7%	0.3	0.2
Total			5.0	5.4
	% of	Market		
Chemical Additive %	69%	67%		
Additive Foaming %	0%	0%		
Plant Foaming %	31%	33%		
Organic Additive %	0%	0%		

NCR = No Companies Reporting

Texas

\* Fewer than three companies reporting

	Reporte	d Values	Total Estimated Value	
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons (	Millions)	Tons (	Millions)
Total	2.9	3.3	3.4	3.5
DOT	0.9	1.0	1.1	1.1
Other Agency	0.5	0.8	0.6	0.9
Commercial and Residential	1.5	1.4	1.7	1.5
Companies/Branches Reporting	8	8		
	Tons (	Millions)	Tons (	Millions)
Accepted	0.7	0.8	0.9	0.9
Used in HMA/WMA	0.8	0.8	1.0	0.9
Used in Aggregate	0.1	0.0	0.1	0.0
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0	0.0	0.0
Tons of RAP Stockpiled at End of Year	t	1.7	†	1.84
	Average % I	Jsed in Mixes	Average %	Used in Mixes
Average % for DOT Mixes	22.3%	21.2%		
Average % for Other Agency Mixes	20.3%	23.7%		
Average % for Commercial & Residential	33.4%	35.1%		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			27.9%	25.3%
	Other Dat	a Reported	Other Dat	a Estimated
% Companies/Branches Reporting Using RAP	100%	100%		
Percent of RAP Fractionated	†	6%	t	12%
Percent of RAP Mixes Using Softer Binder	†	56%	' 	51%
Percent of RAP Mixes Using Rejuvenators	+	19%	' 	16%
	Tons (Th	nousands)	1	nousands)
Unprocessed Accepted	0.0	0.0	0.0	0.0
Processed Accepted	t	0.0	0.0	0.0
Used in HMA/WMA	0.0	0.0	0.0	0.0
Used in Aggregate	0.0	0.0	0.0	0.0
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0	0.0	0.0
Landinica		Jsed in Mixes	0.0	0.0
Average % for DOT Mixed	0.00%	0.00%		
Average % for DOT Mixes Average % for Other Agency Mixes	0.00%	0.00%		
Average % for Commercial & Residential	0.00%	0.00%		
State Average All Mixes Based on RAS Tons Used in HMA/WMA	0.00%	0.00%	0.00%	0.00%
% Companies/Branches Reporting Using RAS	0%	0%	0.0070	0.00%
A			Topo (	Millions)
	-	Production		0.7
DOT Other Agency	71% 55%	63% 49%	0.8	
Other Agency	34%	49% 79%	0.3	0.4
Commercial and Residential	34%	1970	0.6	1.2
Total	0/ 5	Markat	1.7	2.3
		Market		
Chemical Additive %	5%	13%		
Additive Foaming %	0%	0%		
Plant Foaming %	95%	87%		
Organic Additive %	0%	0%		
% Companies/Branches Reporting Using WMA	9%	11%		

NCR = No Companies Reporting

\* Fewer than three companies reporting

## Vermont

	Reported Values		Total Estimated Value		
	2014	2015	2014	2015	
s of HMA/WMA Produced	Tons (	Millions)	Tons (N	/illions)	
Total	*	*	2.3	2.1	
DOT	*	*	*	*	
Other Agency	*	*	*	*	
Commercial and Residential	*	*	*	*	
Companies/Branches Reporting	*	*			
	Tons (	(Millions)	Tons (Millions)		
Accepted	*	*	*	*	
Used in HMA/WMA	*	*	*	*	
Used in Aggregate	*	*	*	*	
Used in Cold Mix	*	*	*	*	
Used in Other	*	*	*	*	
Landfilled	*	*	*	*	
Tons of RAP Stockpiled at End of Year	†	*	†	*	
· · · · ·	Average %	Used in Mixes	Average % Used in Mixes		
Average % for DOT Mixes	*	*			
Average % for Other Agency Mixes	*	*			
Average % for Commercial & Residential	*	*			
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*	
	Other Dat	ta Reported	Other Data Estimated		
% Companies/Branches Reporting Using RAP	*	*	o thor but	Estimatou	
Percent of RAP Fractionated	+	*	+	*	
	+	*	+	*	
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	+	*	+	*	
	Tops (T	housands)	Tons (Th	oucande)	
Unprocessed Accepted	*	*	*	*	
Processed Accepted	†	*	†	*	
Used in HMA/WMA	*	*	*	*	
	*	*	*	*	
Used in Aggregate Used in Cold Mix	*	*	*	*	
Used in Other	*	*	*	*	
Landfilled	*	*	*	*	
Lanunneu					
	Average %	Used in Mixes			
Average % for DOT Mixes	*	*			
Average % for Other Agency Mixes	*	*			
Average % for Commercial & Residential		'n	*	*	
State Average All Mixes Based on RAS Tons Used in HMA/WMA	*	*	^	^	
% Companies/Branches Reporting Using RAS			- 4		
A	% I otal	Production	Tons (N	/lillions)	
DOT	*	*	*	*	
Other Agency	*	*	*	*	
Commercial and Residential	*	*	*	*	
Total			*	*	
	% of	Market			
Chemical Additive %	*	*			
Additive Foaming %	*	*			
Plant Foaming %	*	*			
Organic Additive %	*	*			
% Companies/Branches Reporting Using WMA	*	*			

NCR = No Companies Reporting

\* Fewer than three companies reporting

# Virginia

	Reported Values		Total Estimated Value	
	2014 2015		2014 2015	
ns of HMA/WMA Produced	Tons (I	Millions)	Tons (I	Millions)
Total	5.2	6.8	9.8	12.5
DOT	2.3	3.5	4.4	6.5
Other Agency	1.1	1.1	2.1	2.1
Commercial and Residential	1.8	2.1	3.3	3.9
Companies/Branches Reporting	7	7		
P	Tons (I	Millions)	Tons (Millions)	
Accepted	1.2	1.9	2.3	3.6
Used in HMA/WMA	1.4	1.9	2.6	3.6
Used in Aggregate	0.6	0.0	1.1	0.1
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.1
Landfilled	0.0	0.0	0.0	0.0
Tons of RAP Stockpiled at End of Year	†	1.7	†	3.06
		Jsed in Mixes	Average % Used in Mi	
Average % for DOT Mixes	25.4%	25.9%		
Average % for Other Agency Mixes	27.9%	27.4%		
Average % for Commercial & Residential	29.2%	32.4%		
State Average All Mixes Based on RAP Tons Used in HMA/WMA	27.270	52.170	26.8%	28.7%
	Other Dat	a Reported		a Estimated
% Companies/Branches Reporting Using RAP	100%	100%	Other Date	
Percent of RAP Fractionated	100%	34%	†	32%
	†	34%	†	32% 1%
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	†	0%	†	0%
S				nousands)
	1	nousands)		
Unprocessed Accepted	0.8	0.0	1.4	0.0
Processed Accepted	†	5.6	†	10.4
Used in HMA/WMA	10.9	5.5	20.3	10.1
Used in Aggregate	0.0	0.0	0.0	0.0
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0	0.0	0.0
	· · ·	Jsed in Mixes		
Average % for DOT Mixes	0.94%			
Average % for Other Agency Mixes	0.18%	0.41%		
Average % for Commercial & Residential	0.25%	0.15%	0.010/	0.0001
State Average All Mixes Based on RAS Tons Used in HMA/WMA	0001	0001	0.21%	0.08%
% Companies/Branches Reporting Using RAS	29%	29%		
		Production	Tons (Millions)	
DOT	79%	75%	3.5	4.9
Other Agency	87%	82%	1.9	1.8
Commercial and Residential	80%	94%	2.6	3.6
Total			7.9	10.3
		Market		
Chemical Additive %	9%	19%		
Additive Foaming %	0%	0%		
	91%	81%		
Plant Foaming %	7170			
Plant Foaming % Organic Additive % % Companies/Branches Reporting Using WMA	0%	0%		

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Washington

Istiligion	Reported Values		Total Estimated Value	
	2014 2015 Tons (Millions)		2014 2015	
s of HMA/WMA Produced			Tons (I	Villions)
Total	2.6	3.5	4.9	5.3
DOT	0.7	0.7	1.4	1.1
Other Agency	1.1	1.3	2.1	1.9
Commercial and Residential	0.7	1.5	1.4	2.3
Companies/Branches Reporting	4	5		
	Tons (	Villions)	Tons (Millions)	
Accepted	0.6	0.7	1.1	, 1.1
Used in HMA/WMA	0.7	0.9	1.2	1.3
Used in Aggregate	0.0	0.0	0.0	0.0
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0	0.0	0.0
Tons of RAP Stockpiled at End of Year	†	0.6	†	0.87
		Jsed in Mixes	Average % I	Jsed in Mixes
Average % for DOT Mixes	25.7%	26.8%		
Average % for Other Agency Mixes	25.4%	24.8%		
Average % for Commercial & Residential	27.2%	29.2%		
State Average All Mixes Based on RAP Tons Used in HMA/WMA	21.270	27.270	25.5%	24.8%
	Other Date	a Reported		a Estimated
% Companies/Branches Reporting Using RAP	100%	100%	Other Date	Estimated
Percent of RAP Fractionated	100%	18%	†	10%
Percent of RAP Fractionated Percent of RAP Mixes Using Softer Binder	†	8%	†	4%
Percent of RAP Mixes Using Sorter Bilder Percent of RAP Mixes Using Rejuvenators	+	0%	†	4%
			1	ousands)
		ousands)	-	- -
Unprocessed Accepted	7.1 †	2.8 4.2	13.4 †	4.3
Processed Accepted Used in HMA/WMA				
	7.5 0.0	7.7 0.0	14.2 0.0	11.8 0.0
Used in Aggregate Used in Cold Mix	0.0		0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled				
Lanunneu	0.0	0.0	0.0	0.0
		Jsed in Mixes		
Average % for DOT Mixes	0.00%			
Average % for Other Agency Mixes	0.65%	1.81%		
Average % for Commercial & Residential	15.38%	1.20%	0.000/	0.000
State Average All Mixes Based on RAS Tons Used in HMA/WMA	5001	(62)	0.29%	0.22%
% Companies/Branches Reporting Using RAS	50%	60%		
4		Production	Tons (Millions)	
DOT	12%	9%	0.2	0.1
Other Agency	10%	18%	0.2	0.3
Commercial and Residential	21%	29%	0.3	0.7
Total			0.7	1.1
	% of I	Varket		
Chemical Additive %	13%	5%		
Additive Foaming %	0%	0%		
Plant Foaming %	87%	95%		
	1	00/		
Organic Additive % % Companies/Branches Reporting Using WMA	0%	0%		

NCR = No Companies Reporting

\* Fewer than three companies reporting

# West Virginia

	Reported Values		Total Estimated Value	
	2014 2015 Tons (Millions)		2014 2015	
s of HMA/WMA Produced			Tons (I	Millions)
Total	1.5	1.7	2.6	3.5
DOT	1.1	1.3	1.8	2.6
Other Agency	0.1	0.2	0.1	0.3
Commercial and Residential	0.4	0.3	0.6	0.6
Companies/Branches Reporting	3	3		
)	Tons (	Millions)	Tons (Millions)	
Accepted	0.4	0.2	0.7	0.5
Used in HMA/WMA	0.2	0.2	0.4	0.5
Used in Aggregate	0.0	0.0	0.0	0.0
Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0	0.0	0.0	0.0
Tons of RAP Stockpiled at End of Year	†	0.1	†	0.11
	Average %	Used in Mixes		Jsed in Mixes
Average % for DOT Mixes	12.4%	13.9%		
Average % for Other Agency Mixes	9.7%	14.0%		
Average % for Commercial & Residential	14.5%	14.1%		
State Average All Mixes Based on RAP Tons Used in HMA/WMA	11.070	11.170	15.0%	13.7%
	Other Dat	a Reported		a Estimated
% Companies/Branches Reporting Using RAP	100%	100%	Other Date	
Percent of RAP Fractionated	100%	0%	†	0%
	†	0%	†	0%
Percent of RAP Mixes Using Softer Binder Percent of RAP Mixes Using Rejuvenators	+	0%	†	0%
	Tops /T	nousands)		nousands)
	0.0	0.0	0.0	0.0
Unprocessed Accepted	t	0.0	0.0	0.0
Processed Accepted Used in HMA/WMA	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0
Used in Aggregate Used in Cold Mix	0.0	0.0	0.0	0.0
Used in Other	0.0	0.0	0.0	0.0
Landfilled	0.0			
Lanunneu		0.0	0.0	0.0
	· · · · ·	Used in Mixes		
Average % for DOT Mixes	0.00%	0.00%		
Average % for Other Agency Mixes	0.00%	0.00%		
Average % for Commercial & Residential	0.00%	0.00%	0.000/	0.000/
State Average All Mixes Based on RAS Tons Used in HMA/WMA	00/	00/	0.00%	0.00%
% Companies/Branches Reporting Using RAS	0%	0%		
A	1	Production	Tons (Millions)	
DOT	1%	0%	0.0	0.0
Other Agency	1%	0%	0.0	0.0
Commercial and Residential	1%	0%	0.0	0.0
Total			0.0	0.0
	-	Market		
Chemical Additive %	0%	0%		
Additive Foaming %	0%	0%		
Plant Foaming %	100%	0%		
Organic Additive %	0%	0%		
% Companies/Branches Reporting Using WMA	22%	0%		

NCR = No Companies Reporting

\* Fewer than three companies reporting

#### Wisconsin

	Reported Values		Total Estimated Value	
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons (	Millions)	Tons (	(Millions)
Total	*	8.1	13.0	11.0
DOT	*	4.2	*	5.7
Other Agency	*	1.9	*	2.5
Commercial and Residential	*	2.1	*	2.8
Companies/Branches Reporting	*	3		
	Tons (	Millions)	Tons (Millions)	
Accepted	*	1.1	*	1.5
Used in HMA/WMA	*	1.3	*	1.8
Used in Aggregate	*	0.0	*	0.0
Used in Cold Mix	*	0.0	*	0.0
Used in Other	*	0.0	*	0.0
Landfilled	*	0.0	*	0.0
Tons of RAP Stockpiled at End of Year	†	1.3	†	1.71
	Average %	Used in Mixes	Average %	Used in Mixes
Average % for DOT Mixes	*	18.0%		
Average % for Other Agency Mixes	*	18.0%		
Average % for Commercial & Residential	*	22.2%		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	16.1%
5	Other Dat	ta Reported	Other Dat	a Estimated
% Companies/Branches Reporting Using RAP	*	100%		
Percent of RAP Fractionated	+	2%	+	2%
Percent of RAP Mixes Using Softer Binder	+	30%	+	4%
Percent of RAP Mixes Using Rejuvenators	+	2%	+	0%
	Tops (T	housands)	1	housands)
Unprocessed Accepted	*	66.5	*	89.8
Processed Accepted	†	13.5	†	18.2
Used in HMA/WMA	*	69.1	*	93.3
	*	0.0	*	0.0
Used in Aggregate Used in Cold Mix	*	0.0	*	0.0
Used in Other	*	0.0	*	0.0
Landfilled	*	0.0	*	0.0
Landined				0.0
	average %	Used in Mixes		
Average % for DOT Mixes	*	2.48%		
Average % for Other Agency Mixes	*	2.69%		
Average % for Commercial & Residential	, A	3.00%	*	0.05%
State Average All Mixes Based on RAS Tons Used in HMA/WMA	*	1000/		0.85%
% Companies/Branches Reporting Using RAS		100%		(A 4111) \
	% I otal	Production	l ons (	(Millions)
DOT	*	10%	*	0.5
Other Agency	*	14%	*	0.4
Commercial and Residential	*	13%	*	0.4
Total			*	1.3
	1	Market		
Chemical Additive %	*	83%		
Additive Foaming %	*	13%		
Plant Foaming %	*	3%		
Organic Additive %	*	0%		
% Companies/Branches Reporting Using WMA	*	33%		

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\* Fewer than three companies reporting

# Wyoming

Reported Values		Total Estimated Value		
	2014	2015	2014	2015
s of HMA/WMA Produced	Tons (	Millions)	Tons (N	(illions)
Total	*	*	2.8	2.6
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Companies/Branches Reporting	*	*		
	Tons (	Millions)	Tons (Millions)	
Accepted	*	*	*	*
Used in HMA/WMA	*	*	*	*
Used in Aggregate	*	*	*	*
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled	*	*	*	*
Tons of RAP Stockpiled at End of Year	†	*	†	*
	Average %	Used in Mixes	Average % U	sed in Mixes
Average % for DOT Mixes	*	*		
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential	*	*		
State Average All Mixes Based on RAP Tons Used in HMA/WMA			*	*
	Other Dat	a Reported	Other Data Estimated	
% Companies/Branches Reporting Using RAP	*	*	Other Data	EStimated
Percent of RAP Fractionated	†	*	+	*
Percent of RAP Fractionated Percent of RAP Mixes Using Softer Binder	†	*	+	*
Percent of RAP Mixes Using Sofiel Bilider Percent of RAP Mixes Using Rejuvenators	†	*	†	*
		aucanda)	I	aucanda)
	10115 (11	nousands)	Tons (The	s (Jusanus)
Unprocessed Accepted		*		*
Processed Accepted	*	*	† *	*
Used in HMA/WMA	*	*	*	*
Used in Aggregate	*	*	*	*
Used in Cold Mix	*	*	*	*
Used in Other	*	*	*	*
Landfilled			*	×
	-	Used in Mixes		
Average % for DOT Mixes	*			
Average % for Other Agency Mixes	*	*		
Average % for Commercial & Residential	*	*		
State Average All Mixes Based on RAS Tons Used in HMA/WMA			*	*
% Companies/Branches Reporting Using RAS	*	*		
A	% Total I	Production	Tons (N	Aillions)
DOT	*	*	*	*
Other Agency	*	*	*	*
Commercial and Residential	*	*	*	*
Total			*	*
	% of	Market		
Chemical Additive %	*	*		
Additive Foaming %	*	*		
Plant Foaming %	*	*		
Organic Additive %	*	*		

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