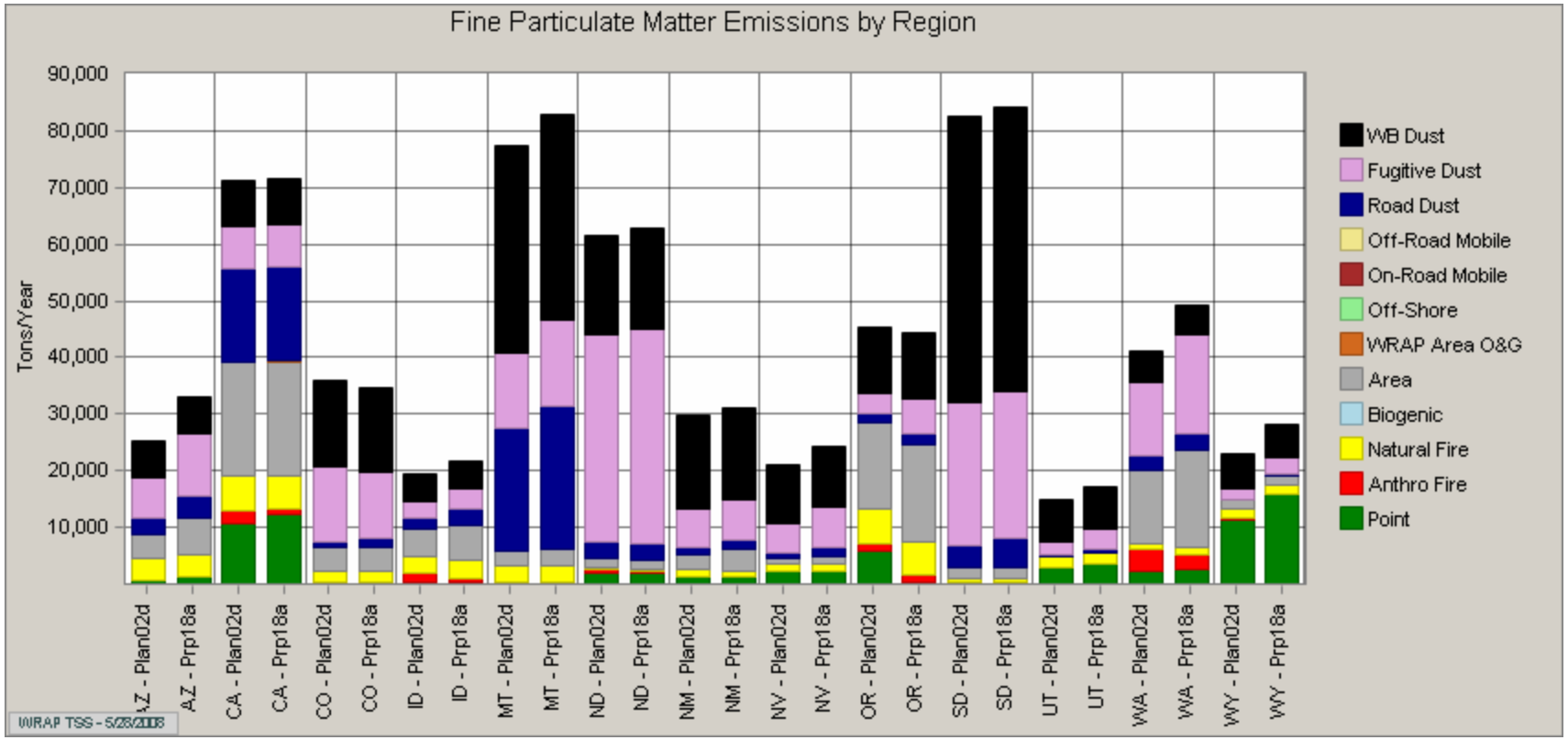
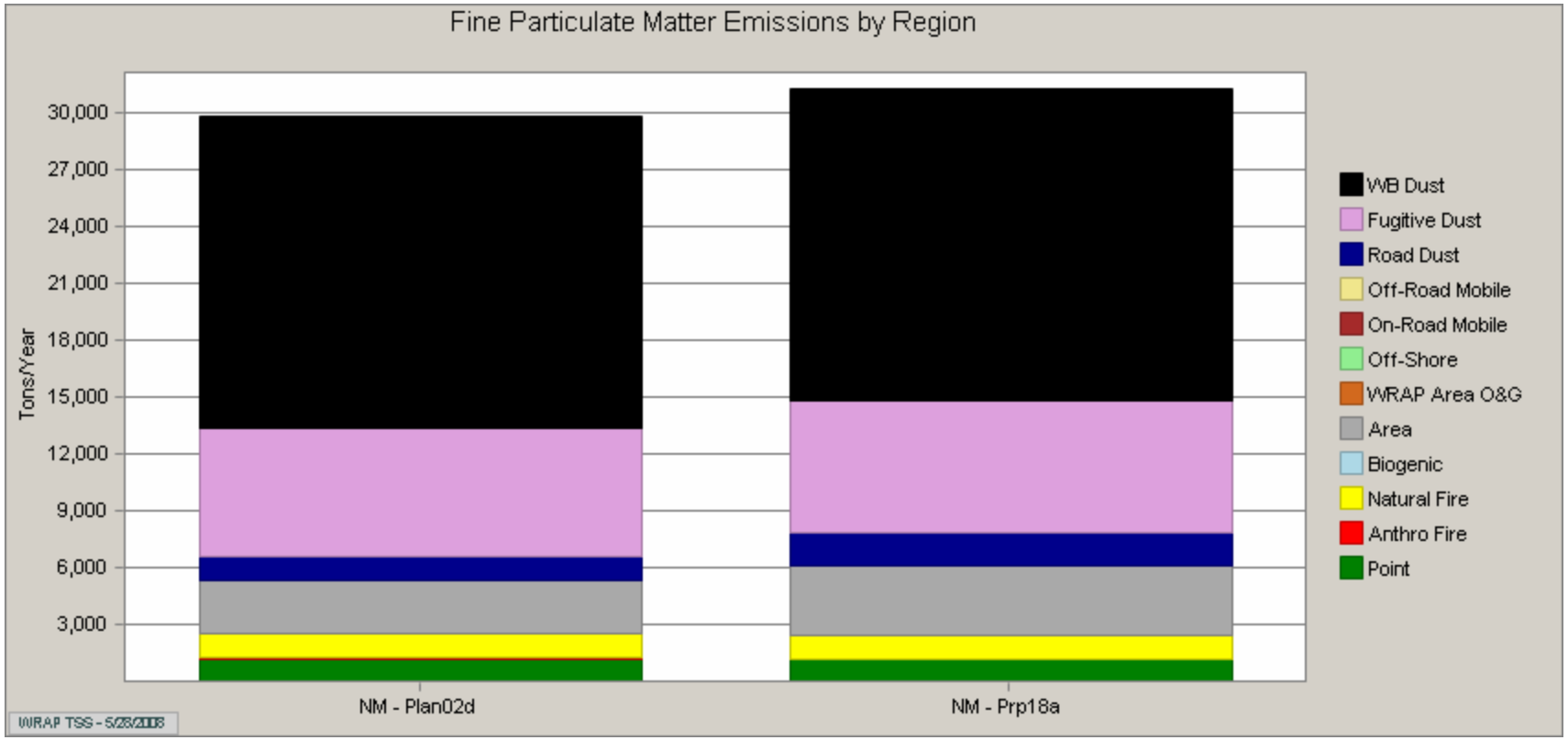
Fine Particulate Matter

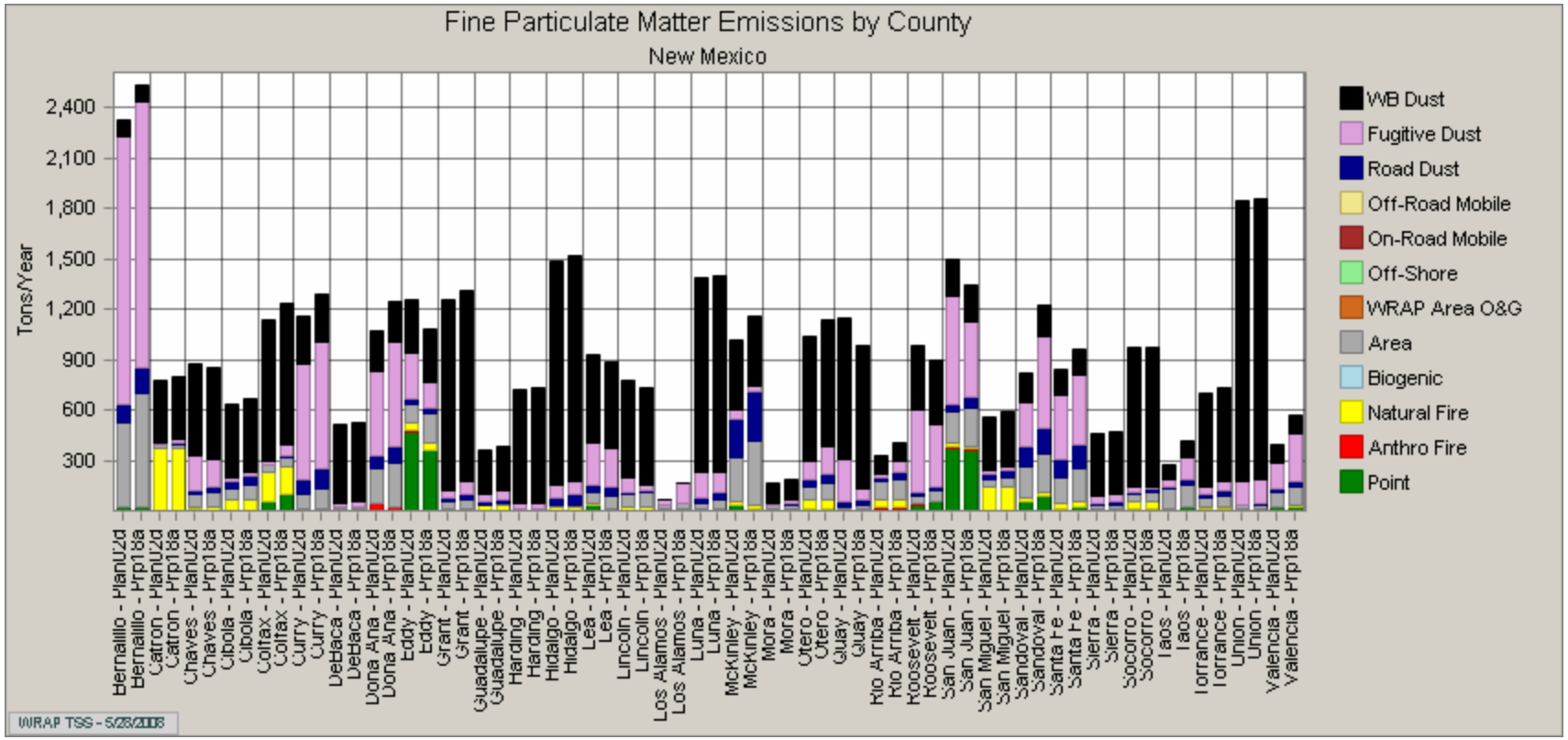
We are predicting an 8.8 % increase in Fine Particulate Matter emissions from 2324.726 TPY in 2002 to 2529.373 TPY in 2018. Bernalillo County is not much of a contributor, comprising only 7.8 % of the Fine Particulate Matter emissions for New Mexico in 2002, and is predicted to contribute 8.1 % in 2018.

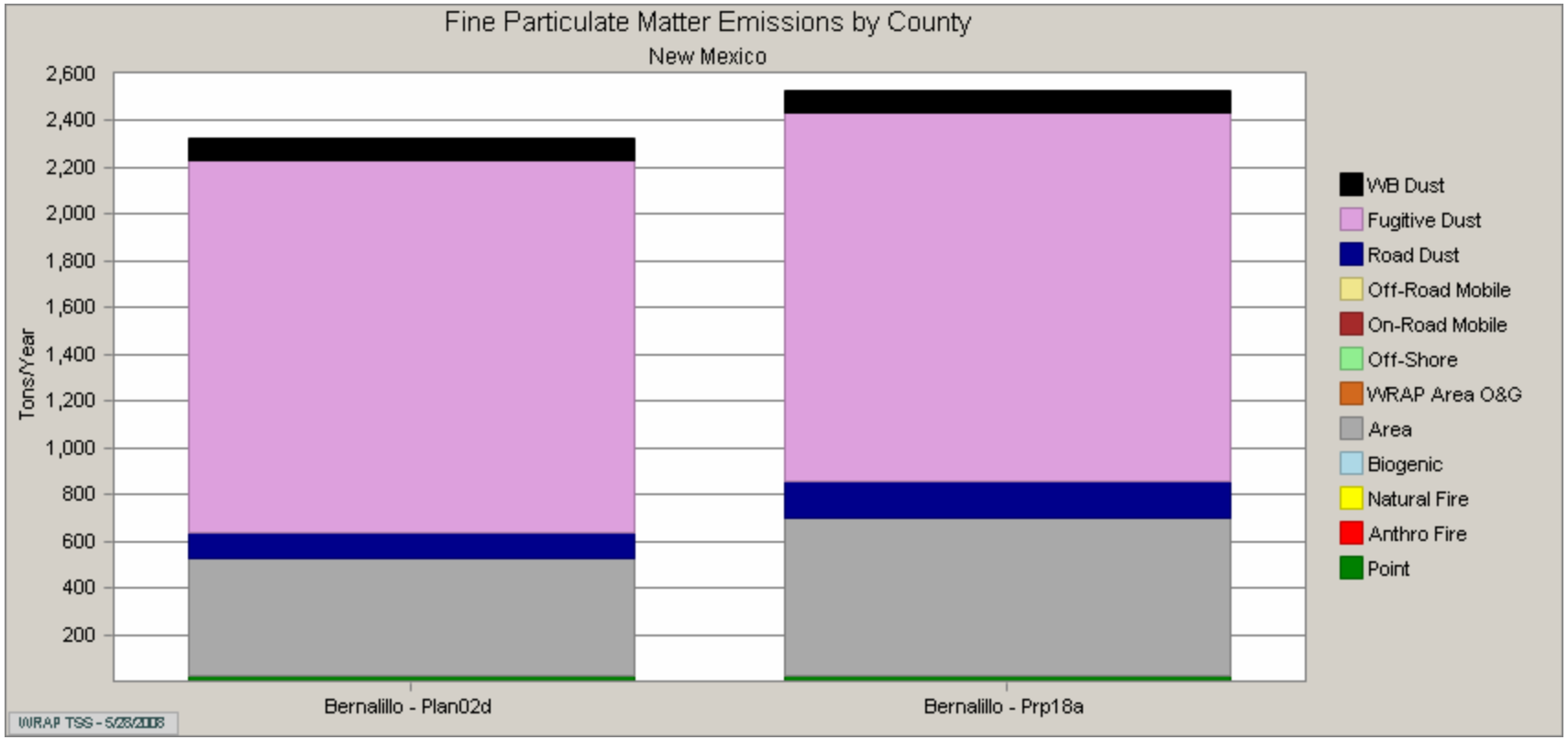
Fine Particulate Matter

Region	Scenario	Point	Anthro Fire	Natural Fire	Area	WRAP Area O&G	On-Road Mobile	Off-Road Mobile	Road Dust	Fugitive Dust	WB Dust	TOTAL
NM	Plan02d	1179.75	86.714	1223.113	2820.9	0	0	0	1304.8425	6751.05	16398.8	29765.17
NM	Prp18a	1144.36	44.429	1223.068	3643.79	0	0	0	1750.555	7025.69	16398.8	31230.69
Bernalillo	Plan02d	19.73	0.027	2.833	502.86	0	0	0	112.515	1593.21	93.5505	2324.726
Bernalillo	Prp18a	22.76	0.027	2.833	670.93		0	0	159.3725	1579.9	93.5505	2529.373


Fine Particulate Matter Emissions by Region
Tons/Year
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
AZ - Plan02d
AZ - Prp18a
CA - Plan02d
CA - Prp18a
CO - Plan02d
CO - Prp18a
ID - Plan02d
ID - Prp18a
MT - Plan02d
MT - Prp18a
ND - Plan02d
ND - Prp18a
NM - Plan02d
NM - Prp18a
NV - Plan02d
NV - Prp18a
OR - Plan02d
OR - Prp18a
SD - Plan02d
SD - Prp18a
UT - Plan02d
UT - Prp18a
WA - Plan02d
WA - Prp18a
WY - Plan02d
WY - Prp18a
WB Dust
Fugitive Dust
Road Dust
Off-Road Mobile
On-Road Mobile
Off-Shore
WRAP Area O&G
Area
Biogenic
Natural Fire
Anthro Fire
Point
WRAP TSS - 5/28/2008


Fine Particulate Matter Emissions by Region
Tons/Year
30,000
27,000
24,000
21,000
18,000
15,000
12,000
9,000
6,000
3,000
NM - Plan02d
NM - Prp18a
WB Dust
Fugitive Dust
Road Dust
Off-Road Mobile
On-Road Mobile
Off-Shore
WRAP Area O&G
Area
Biogenic
Natural Fire
Anthro Fire
Point
WRAP TSS - 5/28/2008


Fine Particulate Matter Emissions by County
New Mexico
Tons/Year
2,400
2,100
1,800
1,500
1,200
900
600
300
WB Dust
Fugitive Dust
Road Dust
Off-Road Mobile
On-Road Mobile
Off-Shore
WRAP Area O&G
Area
Biogenic
Natural Fire
Anthro Fire
Point
Bernalillo - HanU2d
Bernalillo - Hrp18a
Catron - HanU2d
Catron - Hrp18a
Chaves - HanU2d
Chaves - Hrp18a
Cibola - HanU2d
Cibola - Hrp18a
Colfax - HanU2d
Colfax - Hrp18a
Curry - HanU2d
Curry - Hrp18a
DeBaca - HanU2d
DeBaca - Hrp18a
Dona Ana - HanU2d
Dona Ana - Hrp18a
Eddy - HanU2d
Eddy - Hrp18a
Grant - HanU2d
Grant - Hrp18a
Guadalupe - HanU2d
Guadalupe - Hrp18a
Harding - HanU2d
Harding - Hrp18a
Hidalgo - HanU2d
Hidalgo - Hrp18a
Lea - HanU2d
Lea - Hrp18a
Lincoln - HanU2d
Lincoln - Hrp18a
Los Alamos - HanU2d
Los Alamos - Hrp18a
Luna - HanU2d
Luna - Hrp18a
McKinley - HanU2d
McKinley - Hrp18a
Mora - HanU2d
Mora - Hrp18a
Otero - HanU2d
Otero - Hrp18a
Quay - HanU2d
Quay - Hrp18a
Rio Arriba - HanU2d
Rio Arriba - Hrp18a
Roosevelt - HanU2d
Roosevelt - Hrp18a
San Juan - HanU2d
San Juan - Hrp18a
San Miguel - HanU2d
San Miguel - Hrp18a
Sandoval - HanU2d
Sandoval - Hrp18a
Santa Fe - HanU2d
Santa Fe - Hrp18a
Sierra - HanU2d
Sierra - Hrp18a
Socorro - HanU2d
Socorro - Hrp18a
Taos - HanU2d
Taos - Hrp18a
Torrance - HanU2d
Torrance - Hrp18a
Union - HanU2d
Union - Hrp18a
Valencia - HanU2d
Valencia - Hrp18a
WRAP TSS - 5/28/2008


Fine Particulate Matter Emissions by County
New Mexico
Tons/Year
2,600
2,400
2,200
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
Bernalillo - Plan02d
Bernalillo - Prp18a
WB Dust
Fugitive Dust
Road Dust
Off-Road Mobile
On-Road Mobile
Off-Shore
WRAP Area O&G
Area
Biogenic
Natural Fire
Anthro Fire
Point
WRAP TSS - 5/28/2008