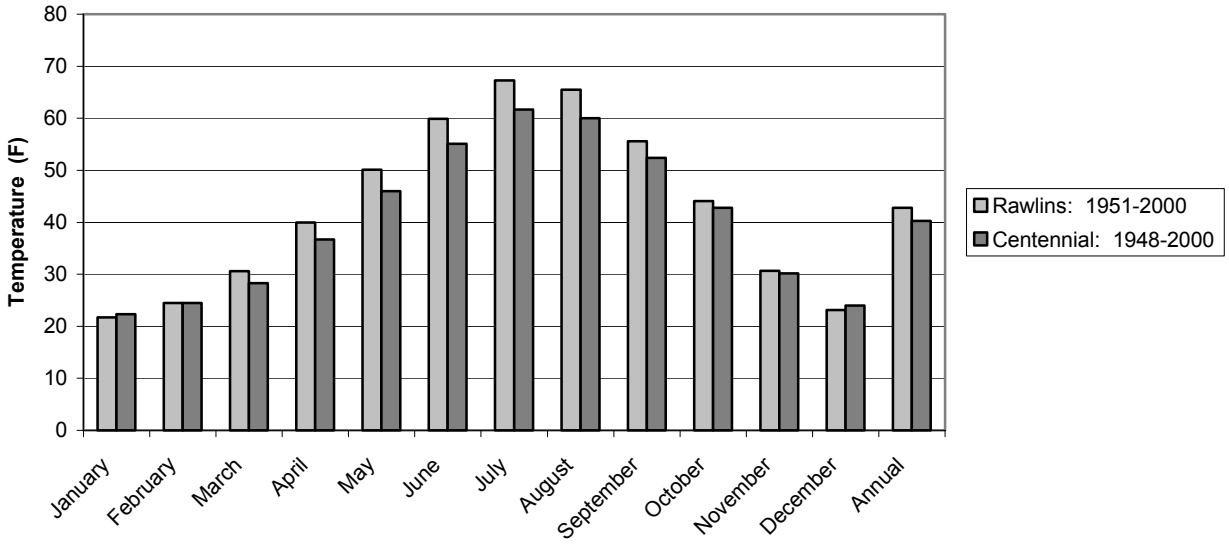
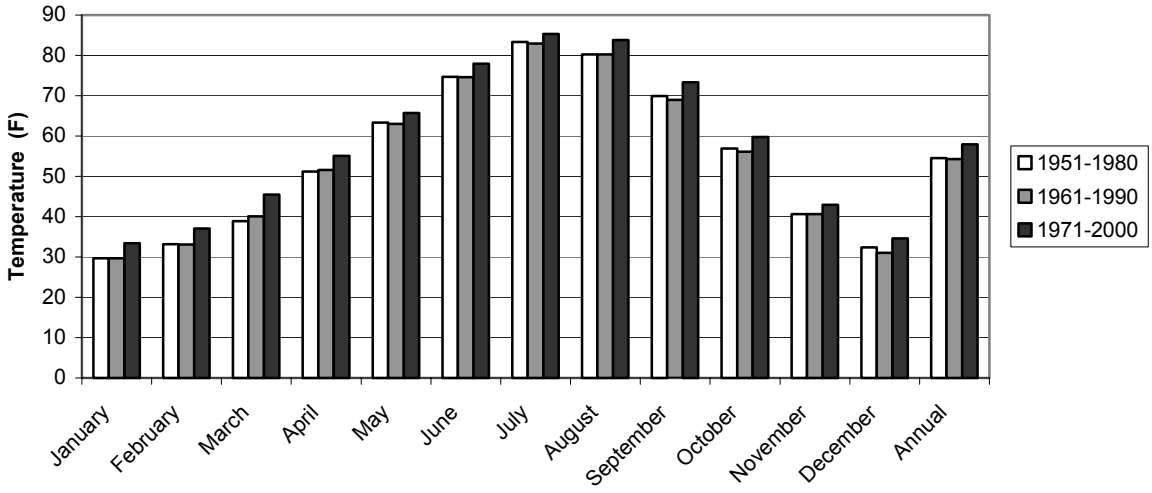
FIGURES

Figure 3-1 Mean Monthly Temperatures in the Rawlins RMPPA



Data taken from Western Regional Climate Center

Figure 3-2 Mean Monthly Maximum Temperatures near Rawlins, Wyoming



Data taken from Western Regional Climate Center:

Figure 3-3 Mean Monthly Maximum Temperatures near Centennial, Wyoming

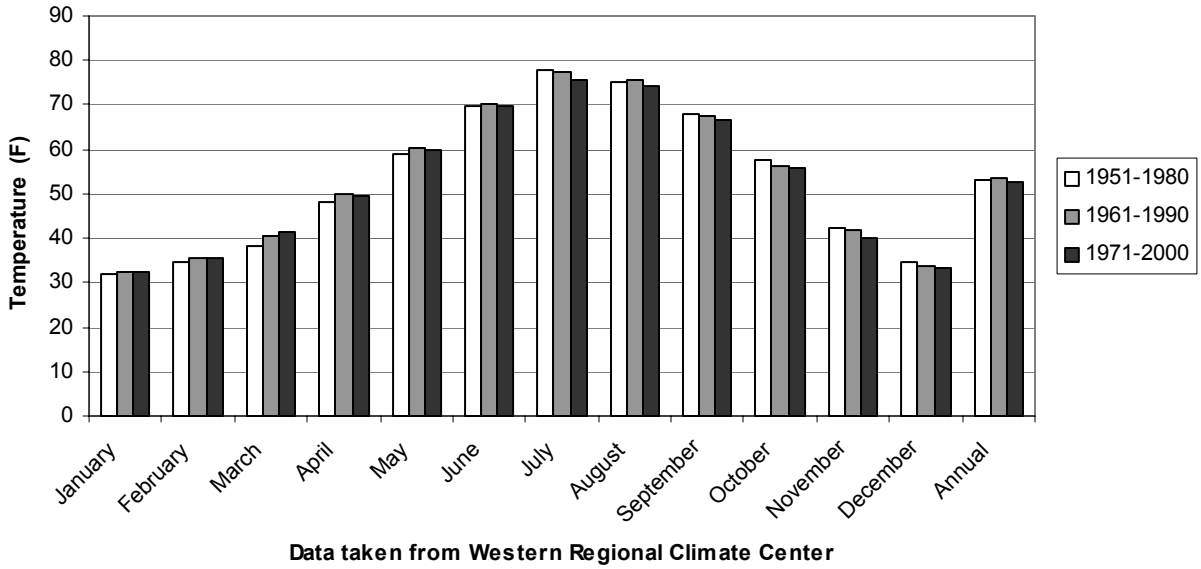


Figure 3-4 Mean Monthly Precipitation in the Rawlins RMPPA

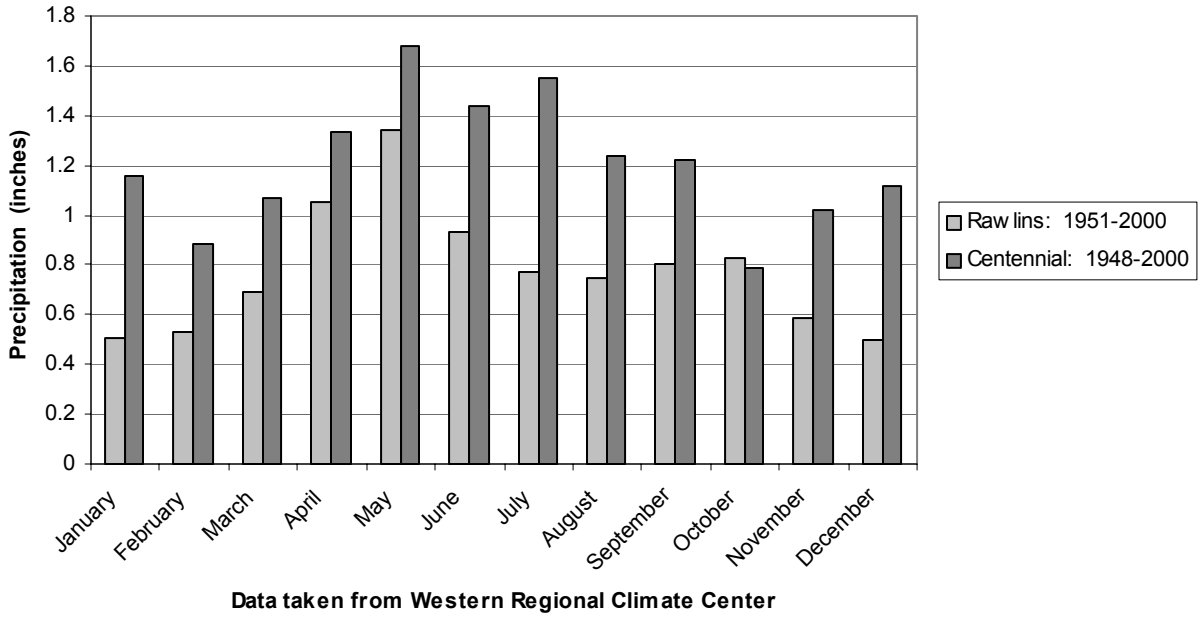


Figure 3-5 Mean Monthly Snowfall in the Rawlins RMPPA

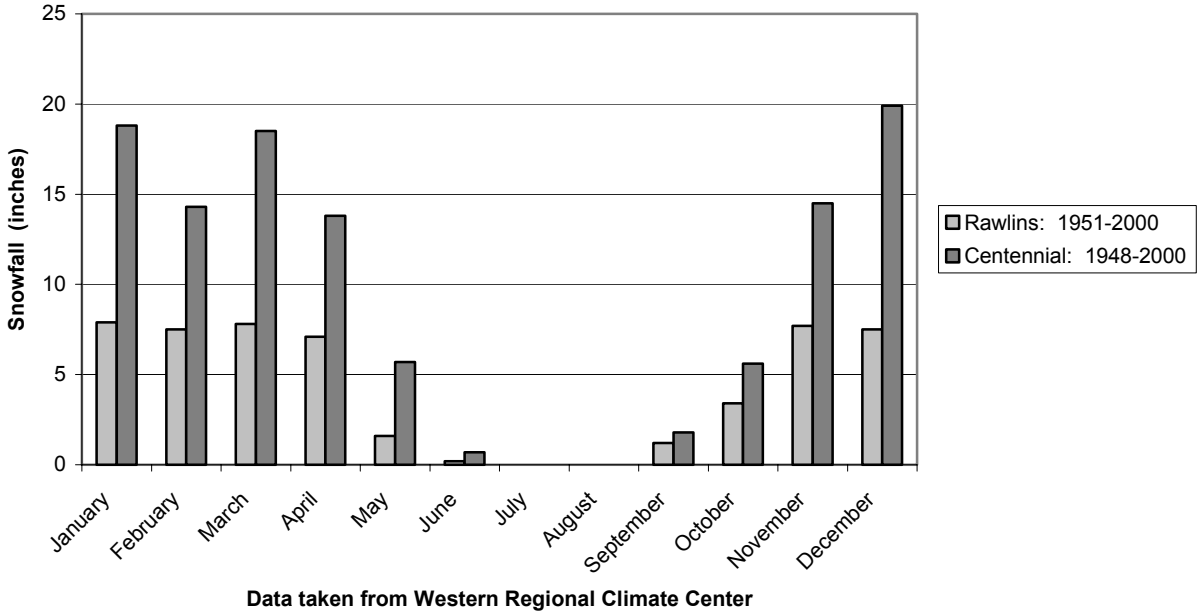


Figure 3-6 Mean Monthly Precipitation Trend near Rawlins, Wyoming

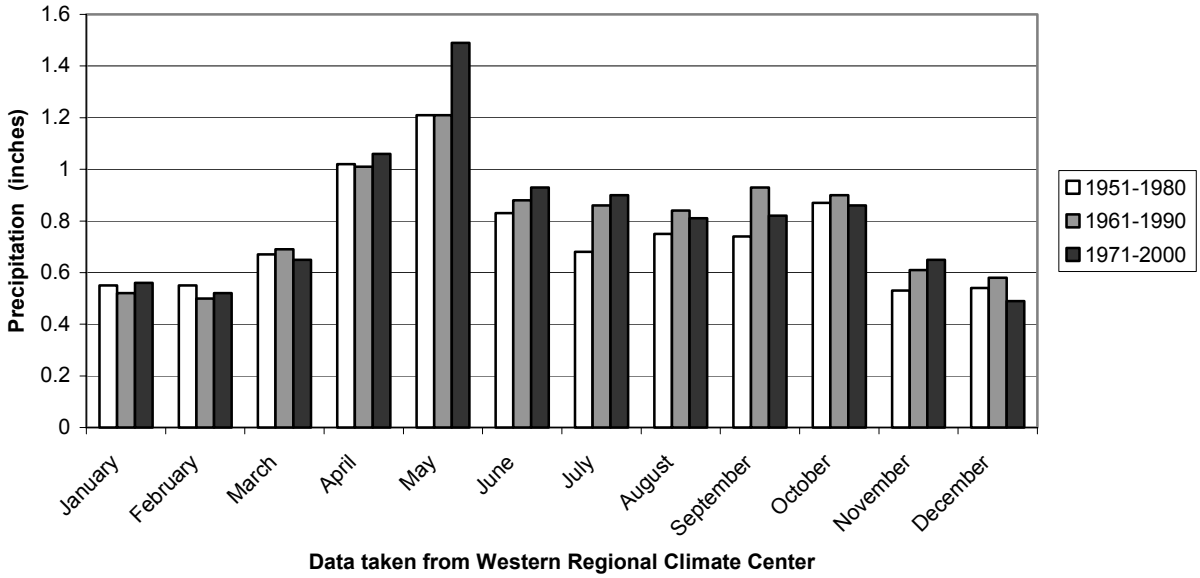


Figure 3-7 Mean Monthly Precipitation trend near Centennial, Wyoming

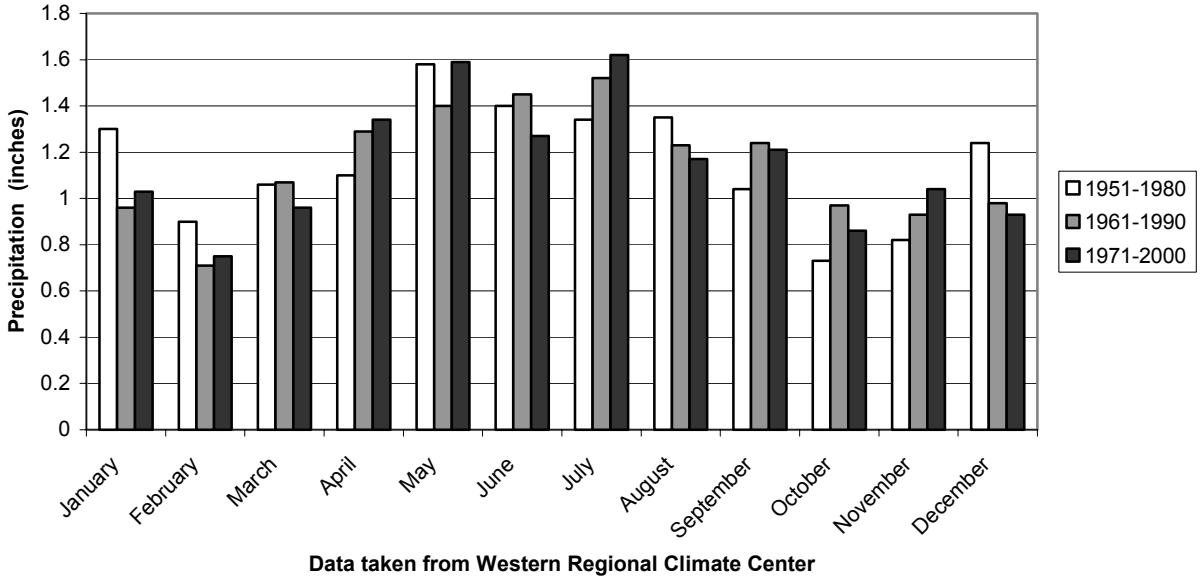


Figure 3-8 Mean Annual Precipitation Trend in the Rawlins RMPPA

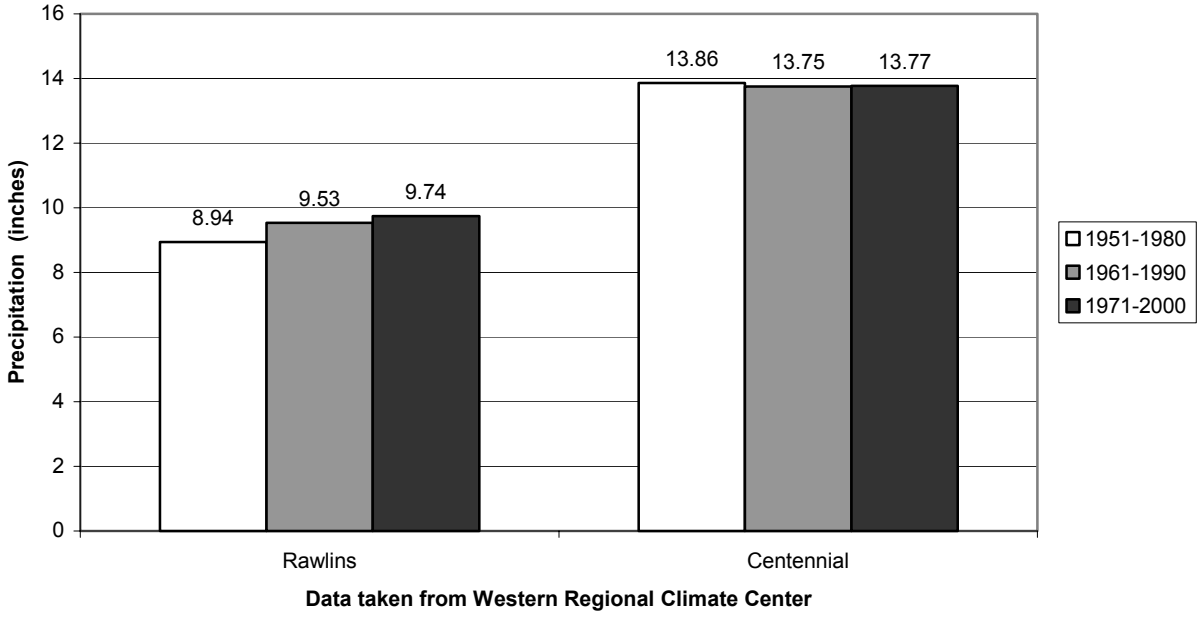


Figure 3-9 Capacity to Disperse Air Pollutants in Rock Springs, Wyoming

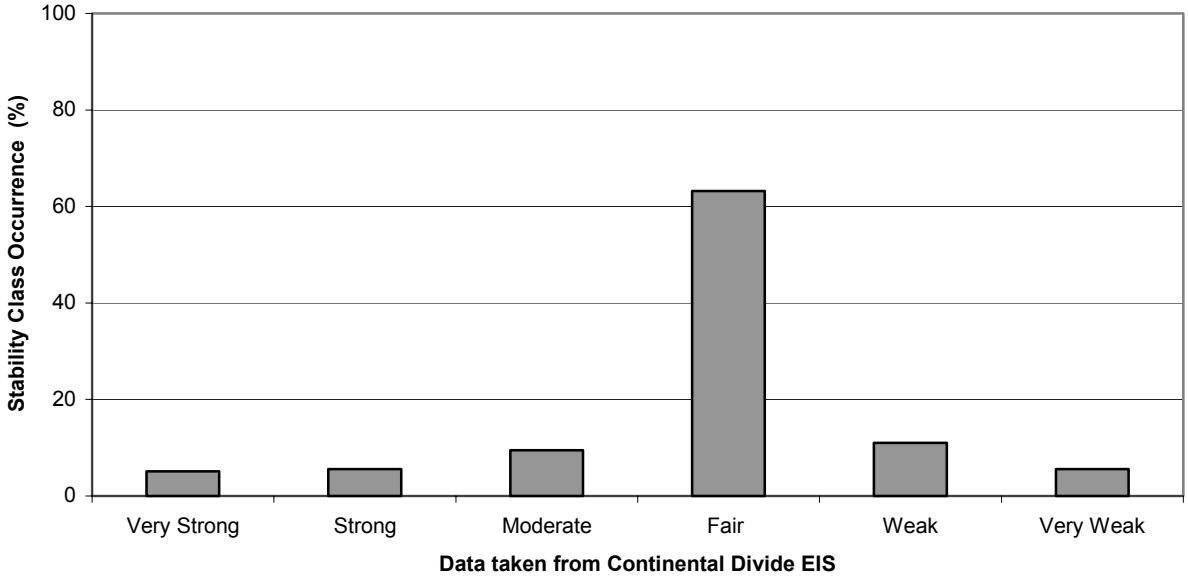


Figure 3-10: Wind Rose for Centennial, Wyoming

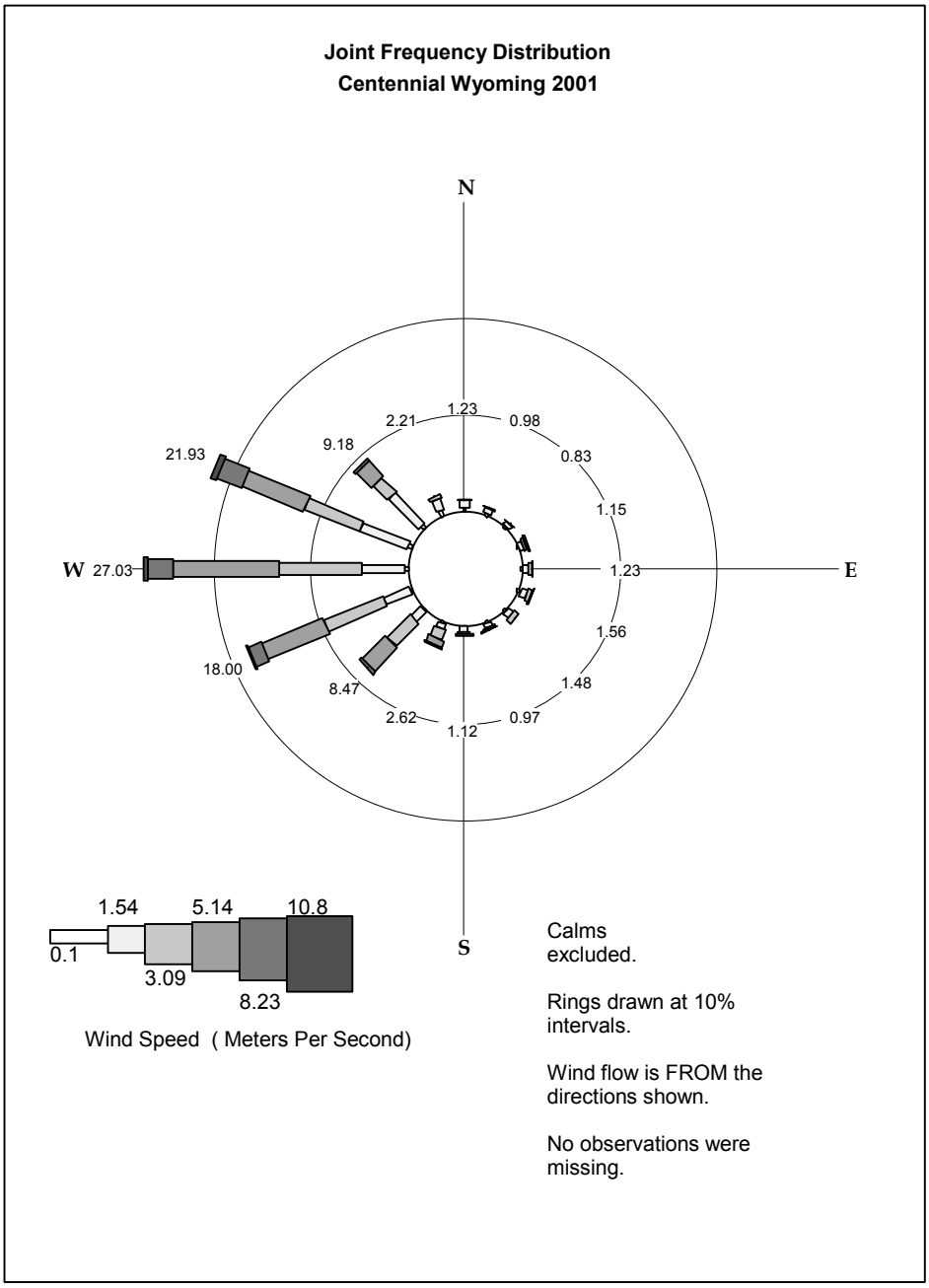


Figure 3-11 Mean Annual Concentrations of Nitrogen Compounds near Centennial, Wyoming

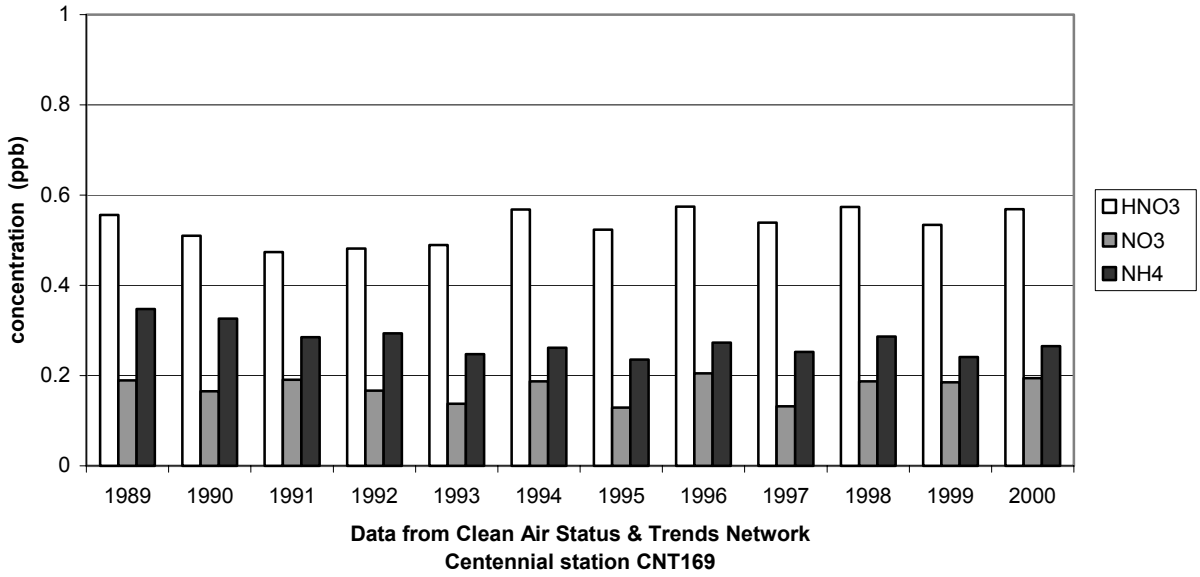


Figure 3-12 Mean Annual Concentrations of Nitrogen Compounds in Rocky Mountain National Park, Colorado

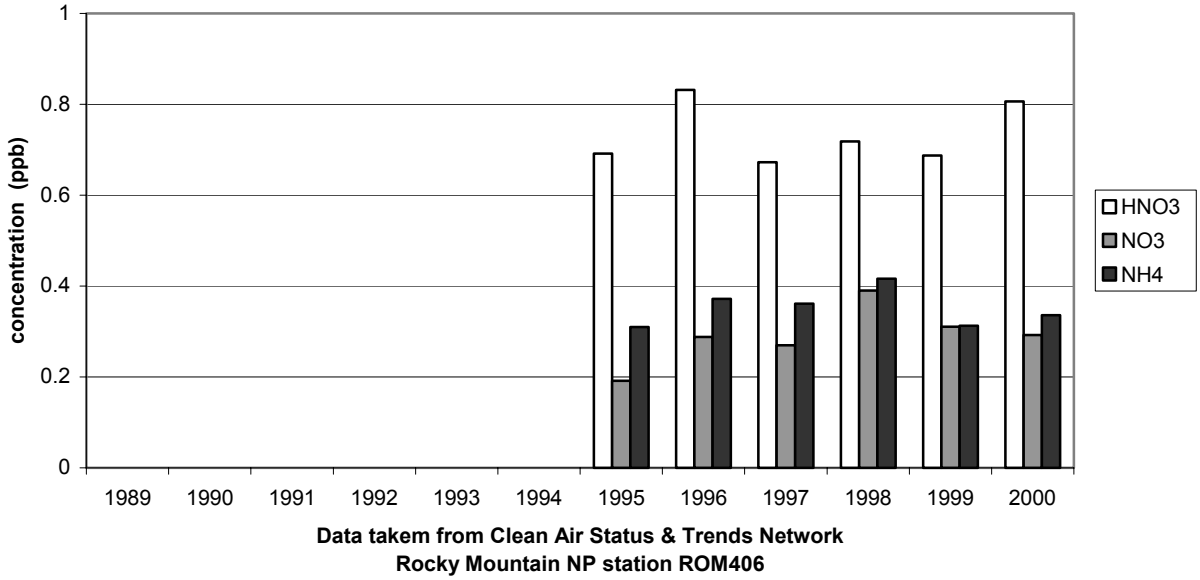


Figure 3-13 Weekly Total Nitrate Concentrations near Centennial, Wyoming

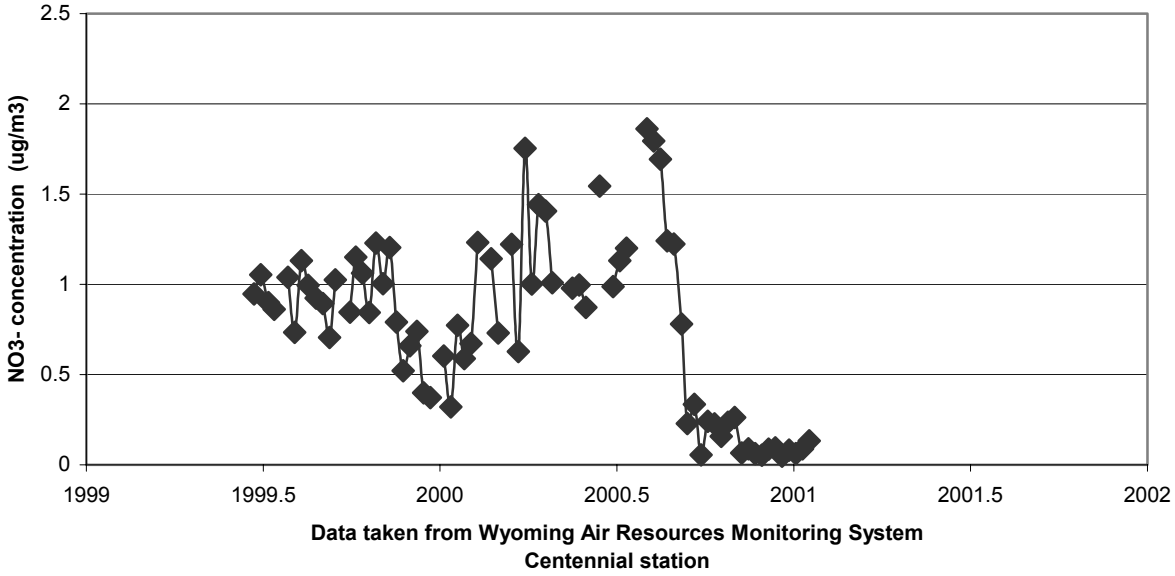


Figure 3-14 Weekly Ammonium Concentrations near Centennial, Wyoming

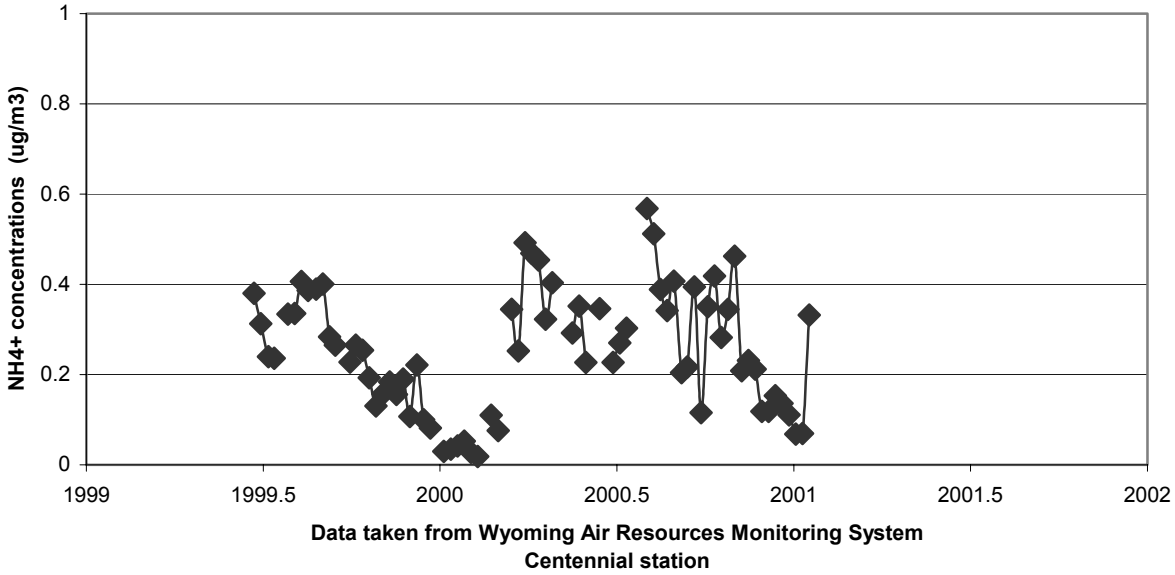


Figure 3-15 Mean Annual Concentrations of Sulfur Compounds near Centennial, Wyoming

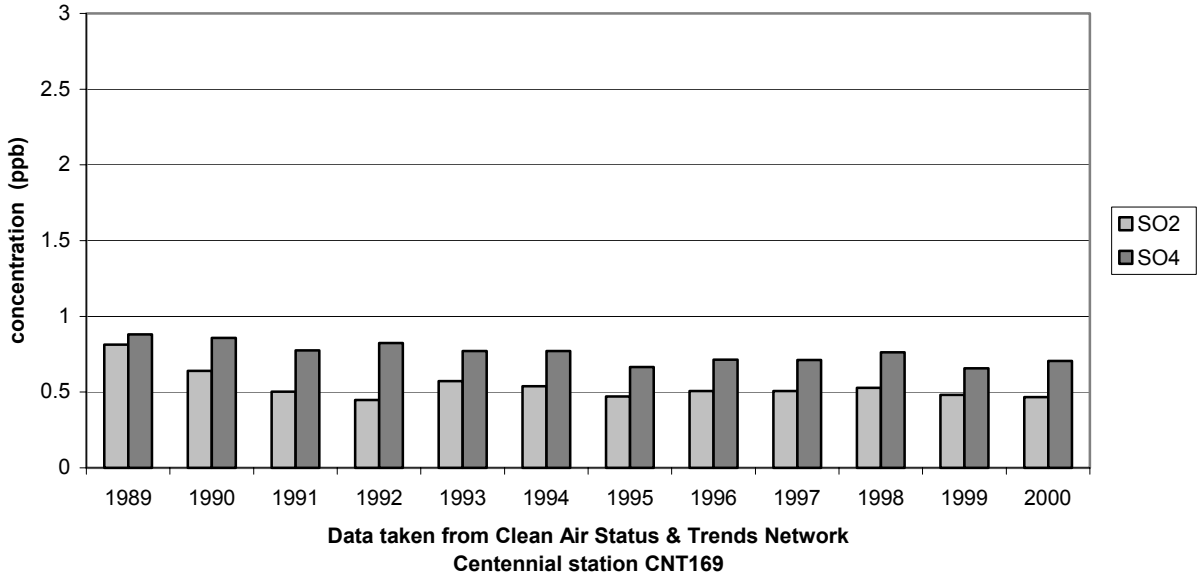


Figure 3-16 Mean Annual Concentrations of Sulfur Compounds in Rocky Mountain National Park, Colorado

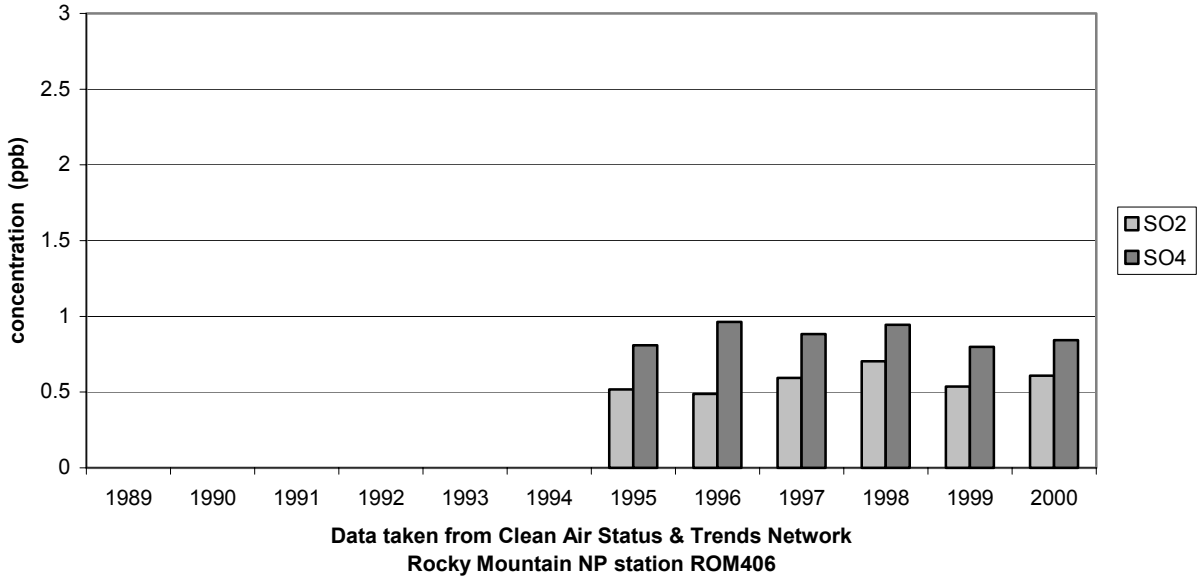


Figure 3-17 Weekly Sulfur Dioxide Concentrations near Centennial, Wyoming

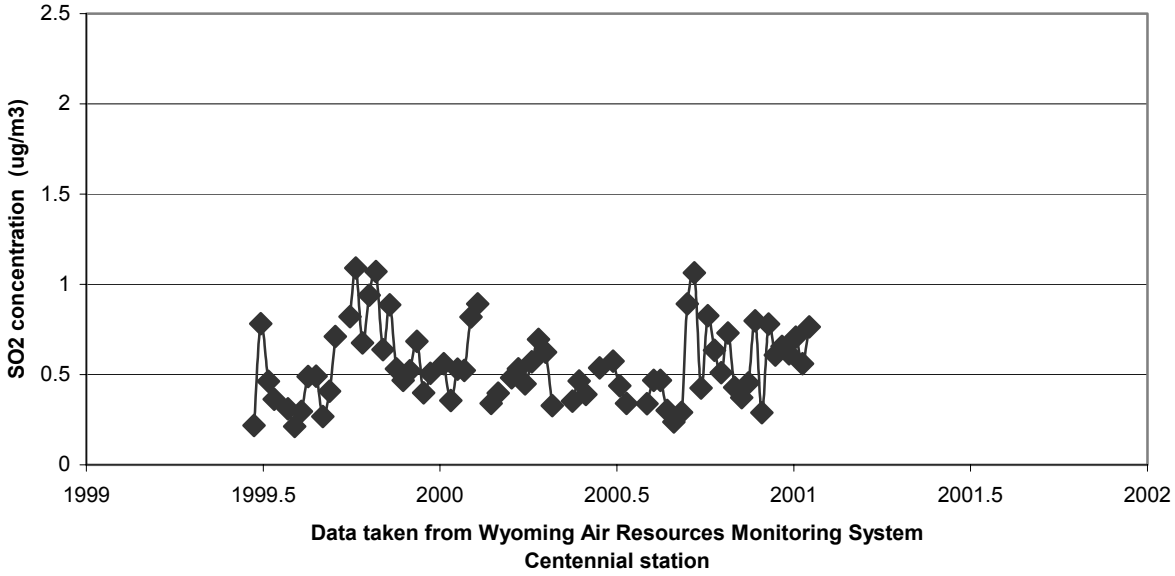


Figure 3-18 Weekly Sulfate Concentrations near Centennial, Wyoming

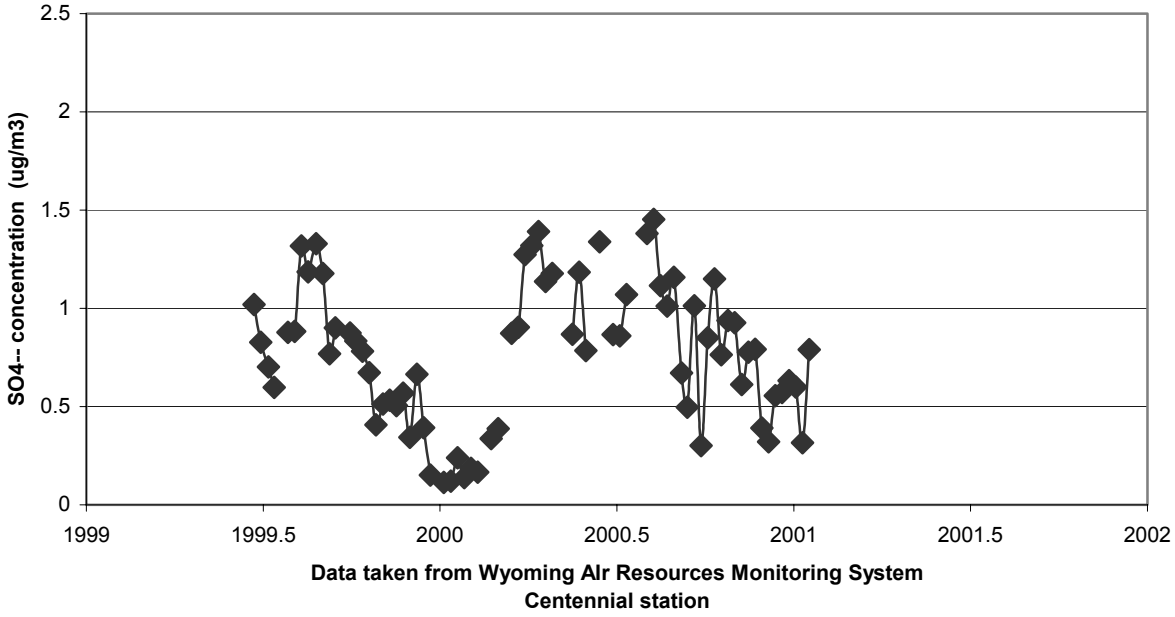


Figure 3-19 Mean Annual Ozone Concentrations in the Rawlins RMPPA

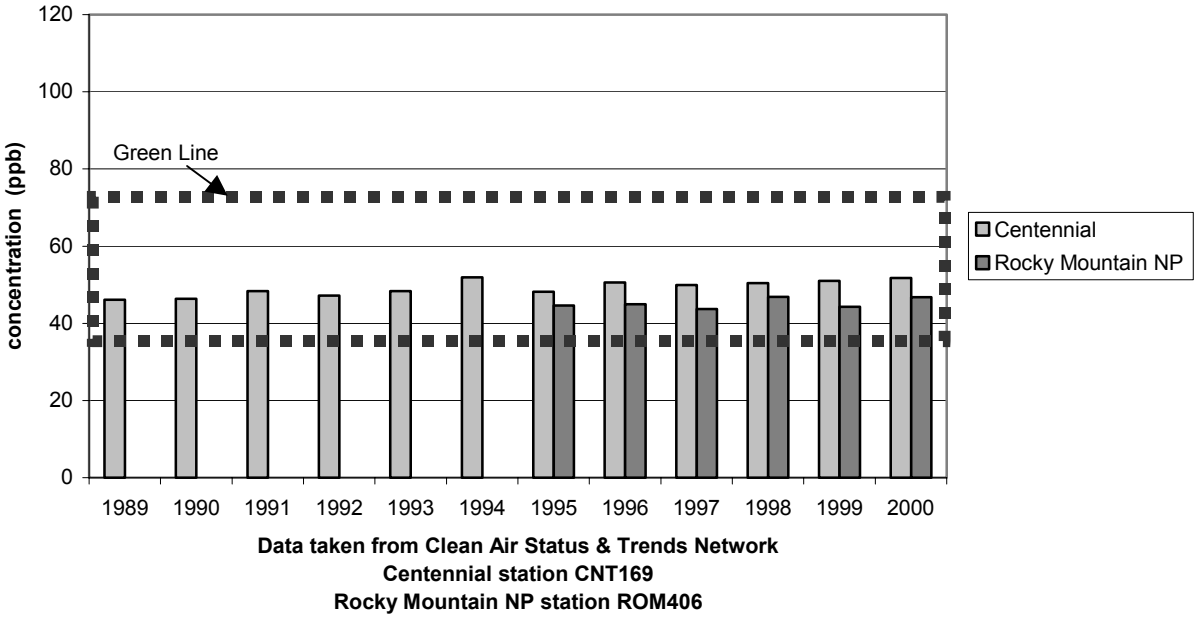


Figure 3-20 Visibility in Rocky Mountain National Park, Colorado

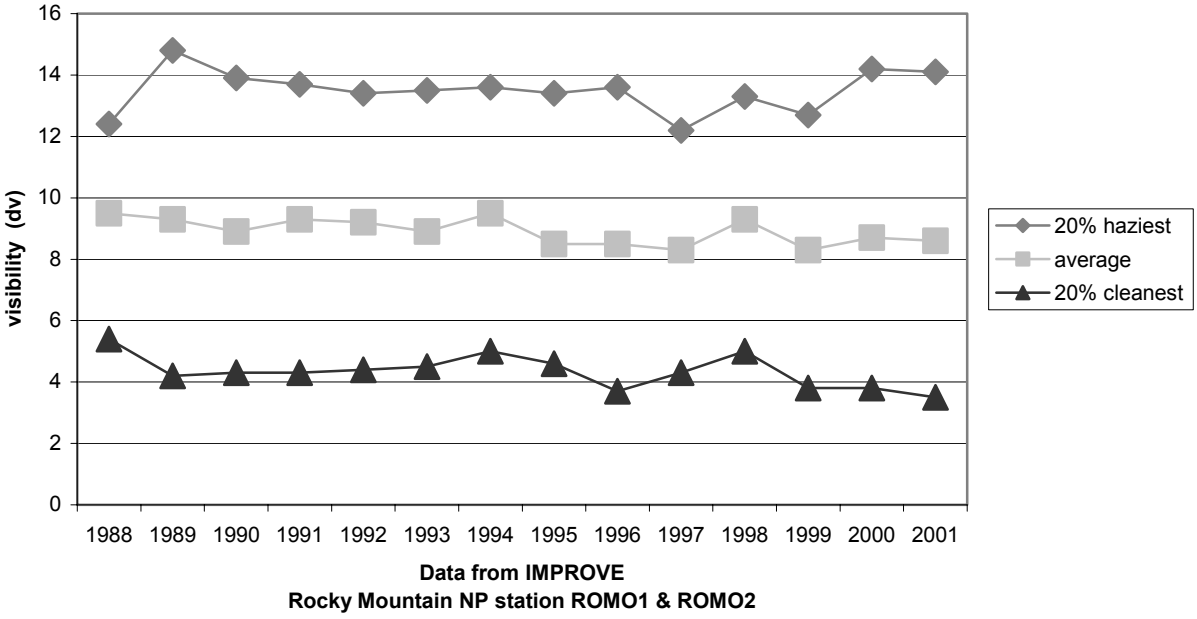


Figure 3-21 Annual Visibility (RcFM) in Rocky Mountain National Park, Colorado

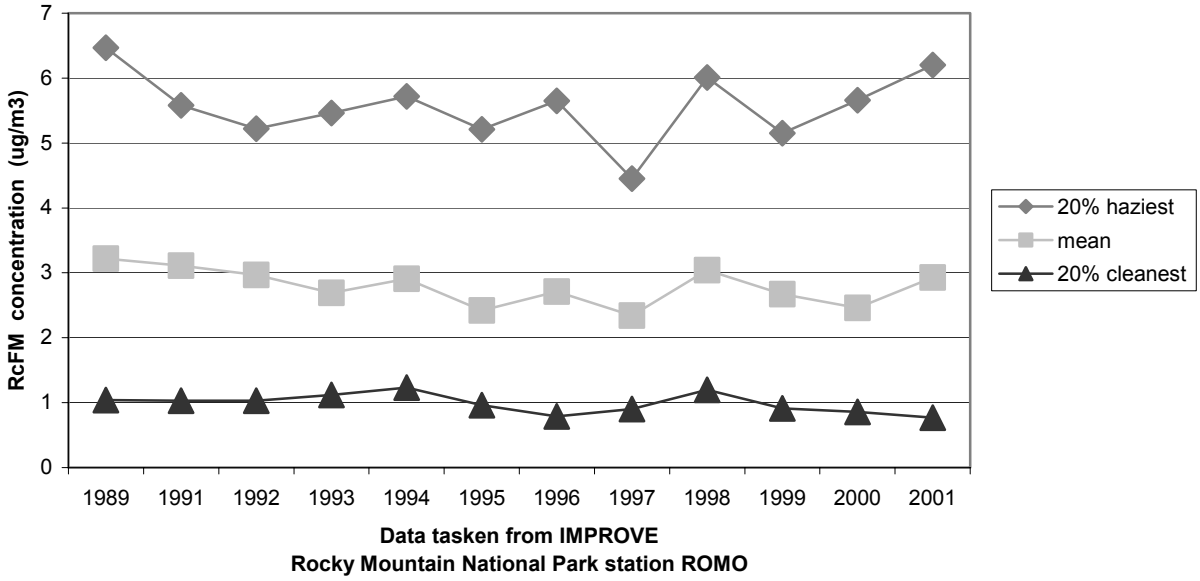


Figure 3-22 Mean Annual Precipitation pH in the Rawlins RMPPA

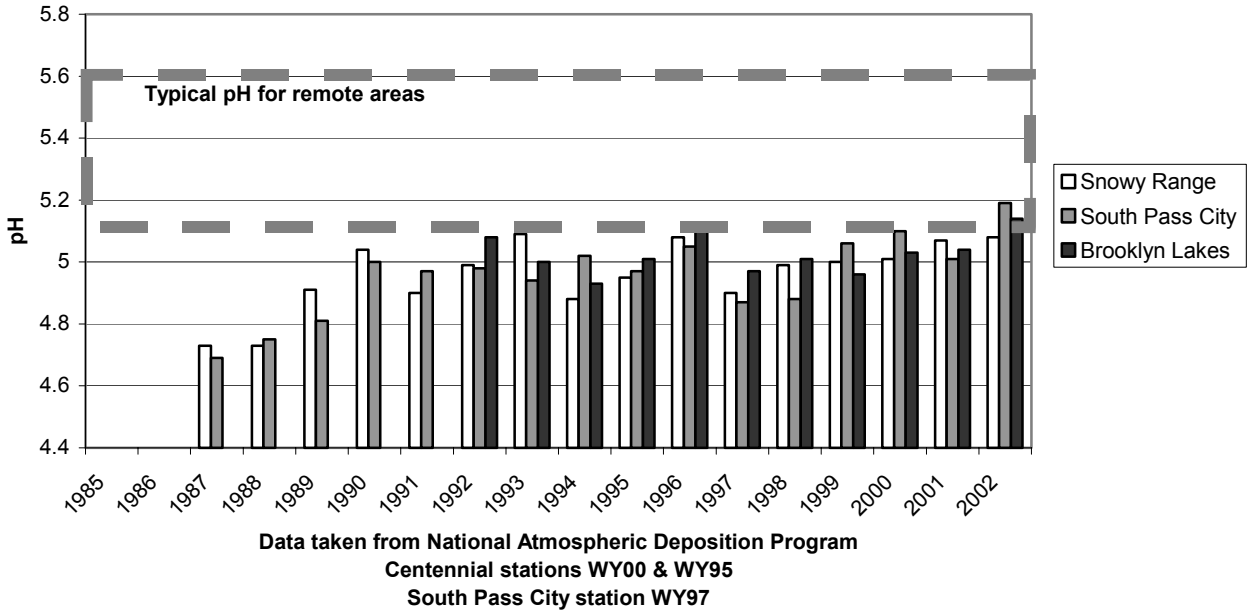


Figure 3-23 Mean Annual Wet Deposition near Centennial, Wyoming

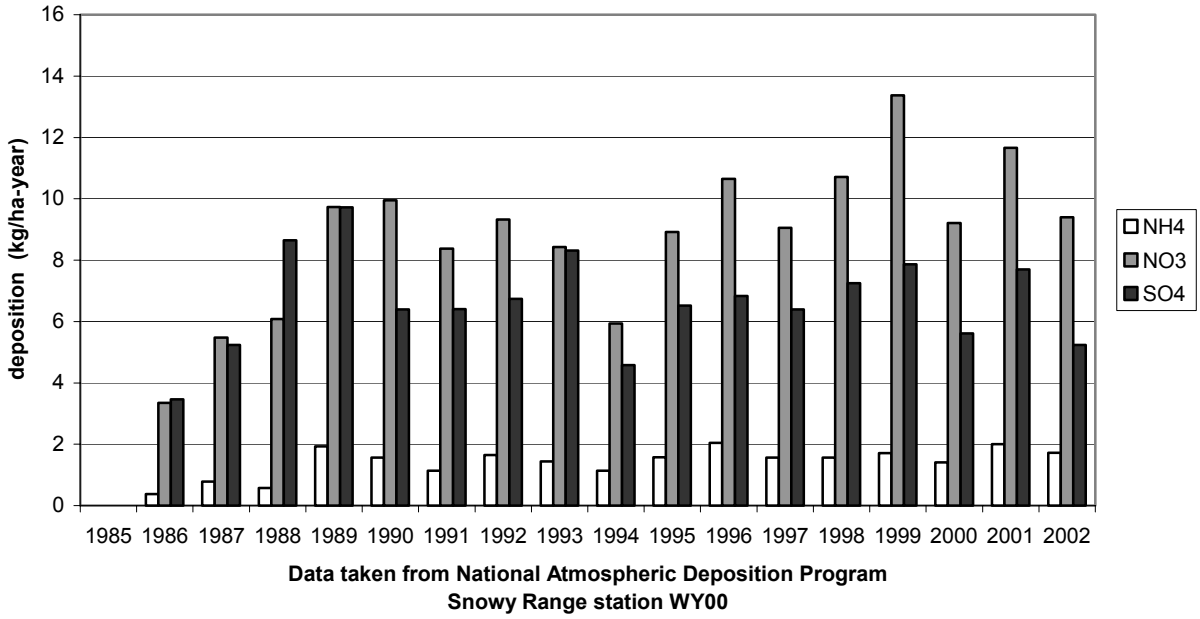


Figure 3-24 Mean Annual Wet Deposition near Brooklyn Lake, Wyoming

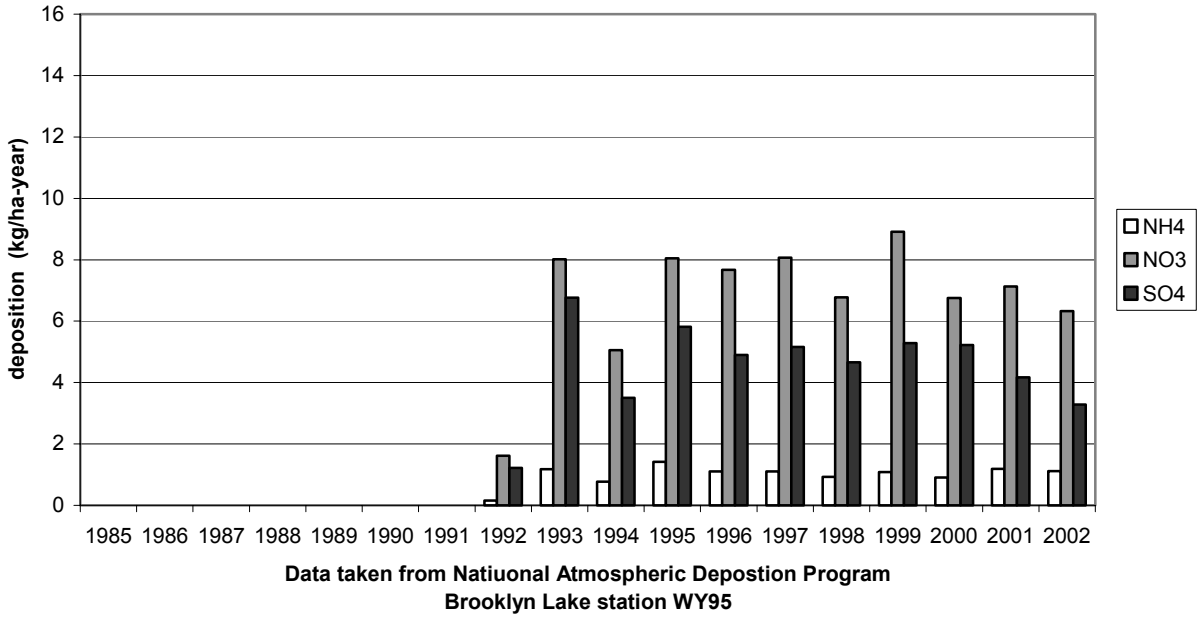


Figure 3-25 Mean Annual Dry Deposition near Centennial, Wyoming

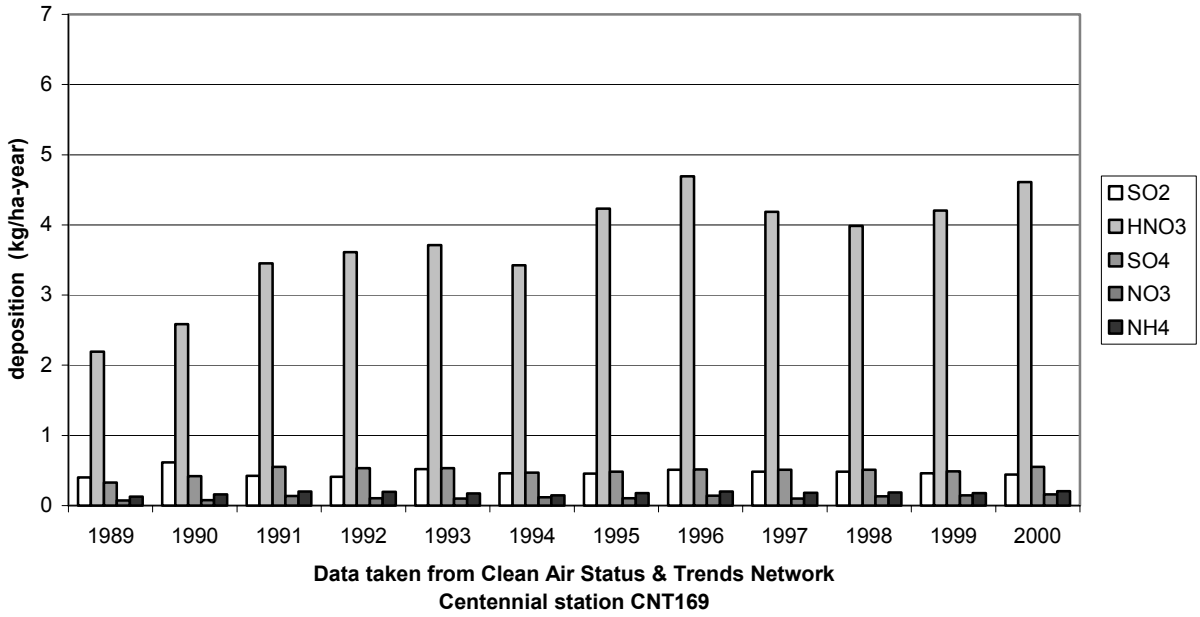


Figure 3-26 Mean Annual Dry Deposition in Rocky Mountain National Park, Colorado

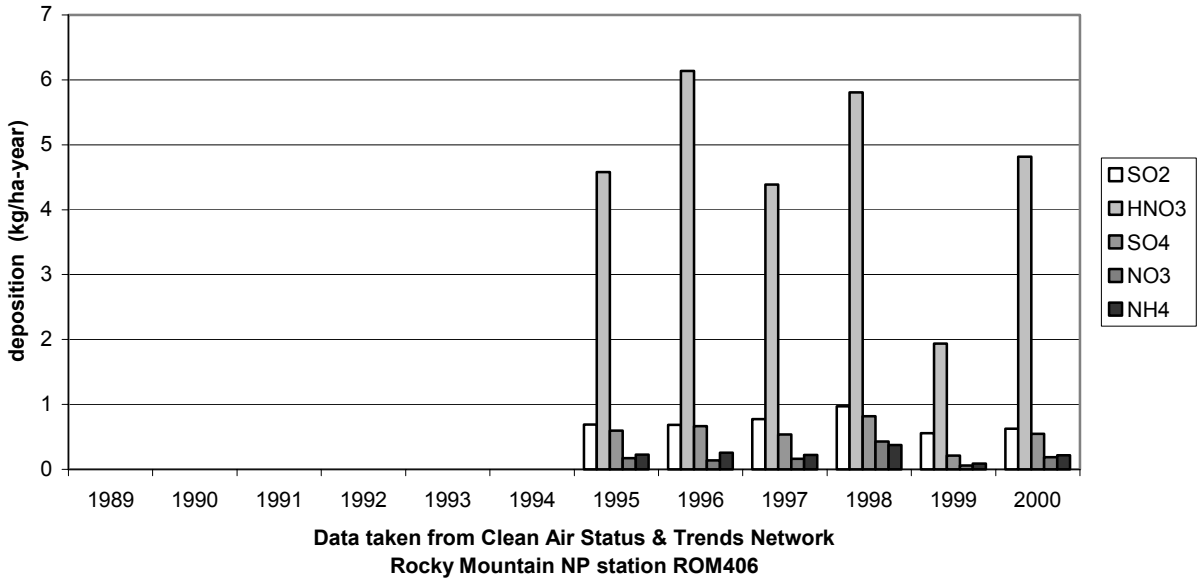


Figure 3-27 Mean Annual Total Nitrogen Deposition near Centennial, Wyoming

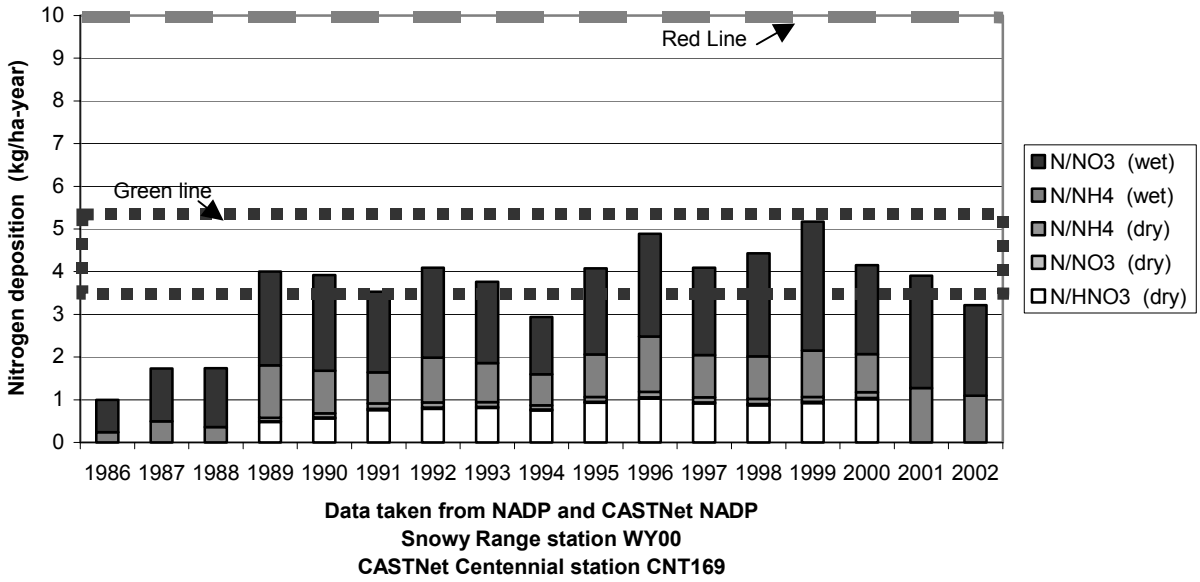


Figure 3-28 Mean Annual Total Sulfur Deposition near Centennial, Wyoming

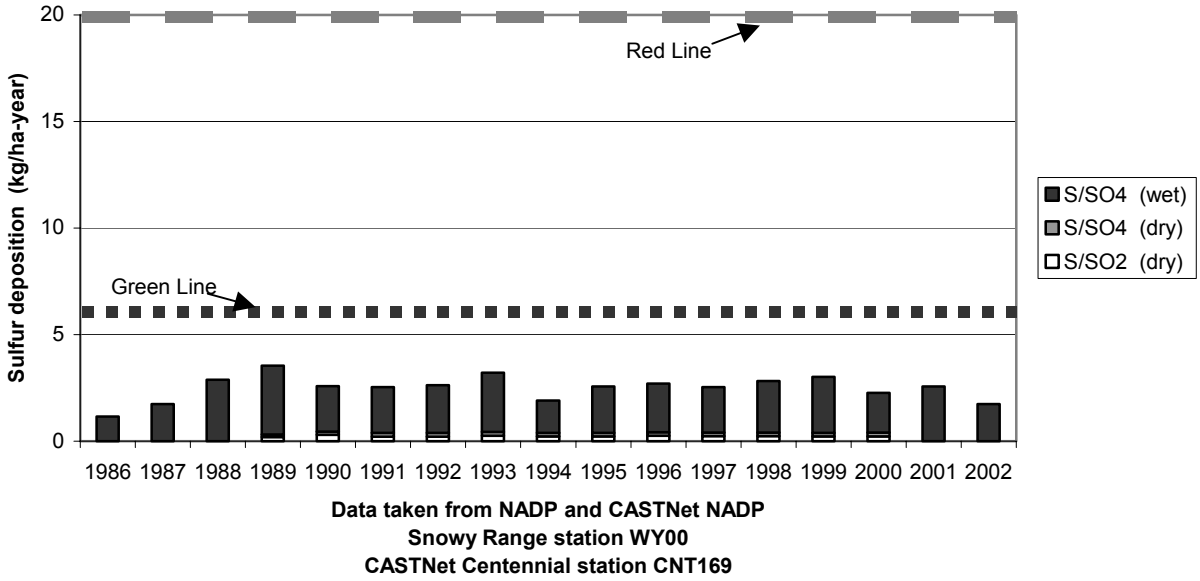


Figure 3-29 Land Ownership in the Four County Socioeconomic Study Area

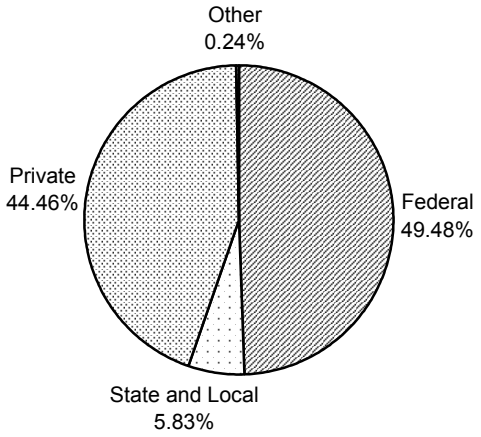


Figure 3-30 Land Ownership - Rawlins RMPPA

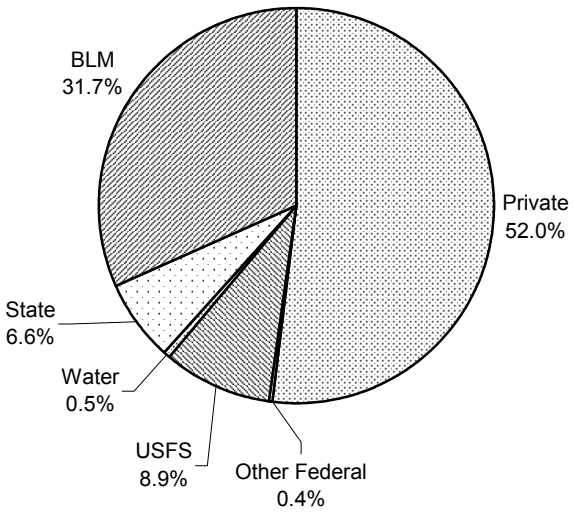


Figure 3-31 Population Estimate for Counties in the Socioeconomic Study Area

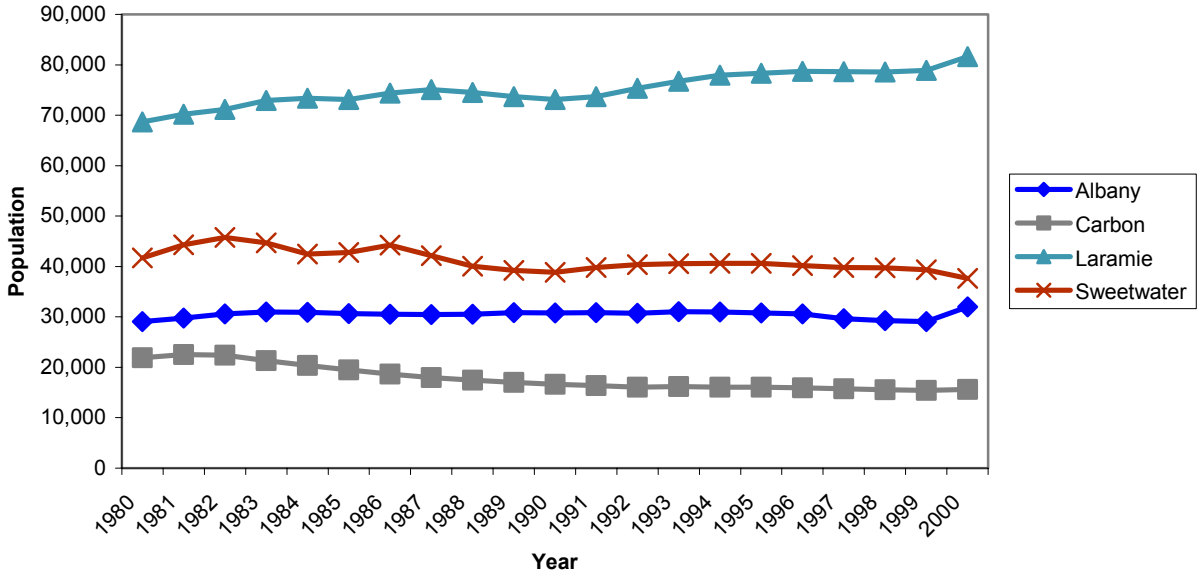


Figure 3-32 Population by Ethnicity for 2000

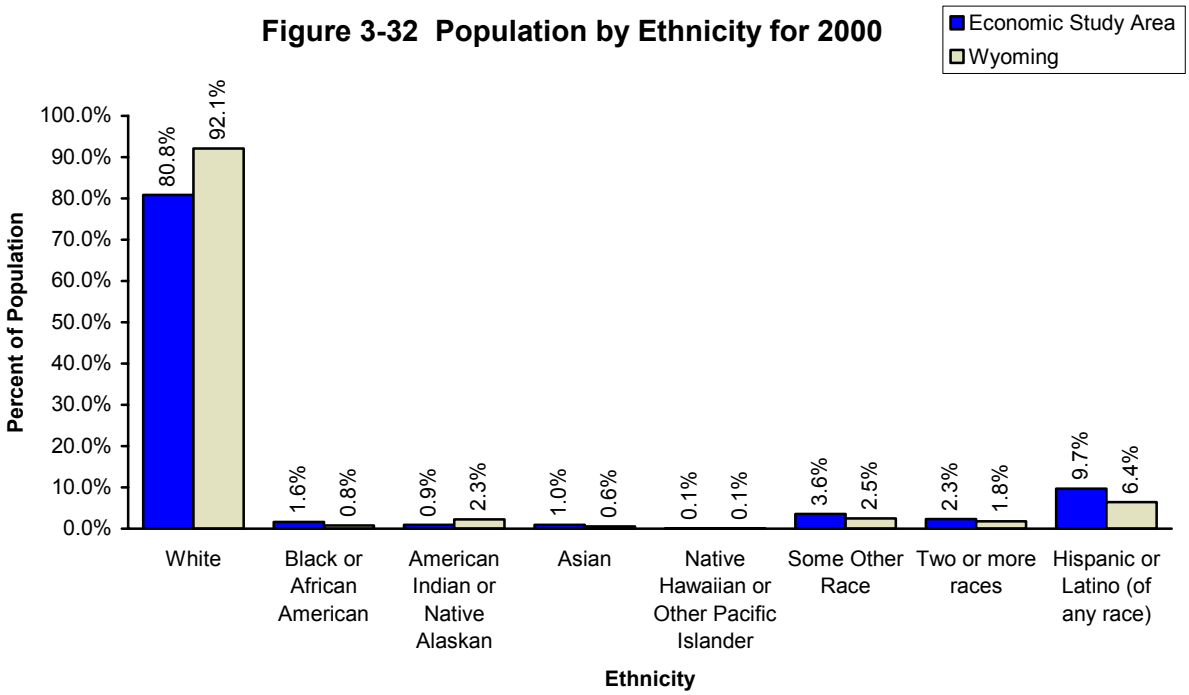


Figure 3-33 Personal Income Trends 1990-2000 (2001$)

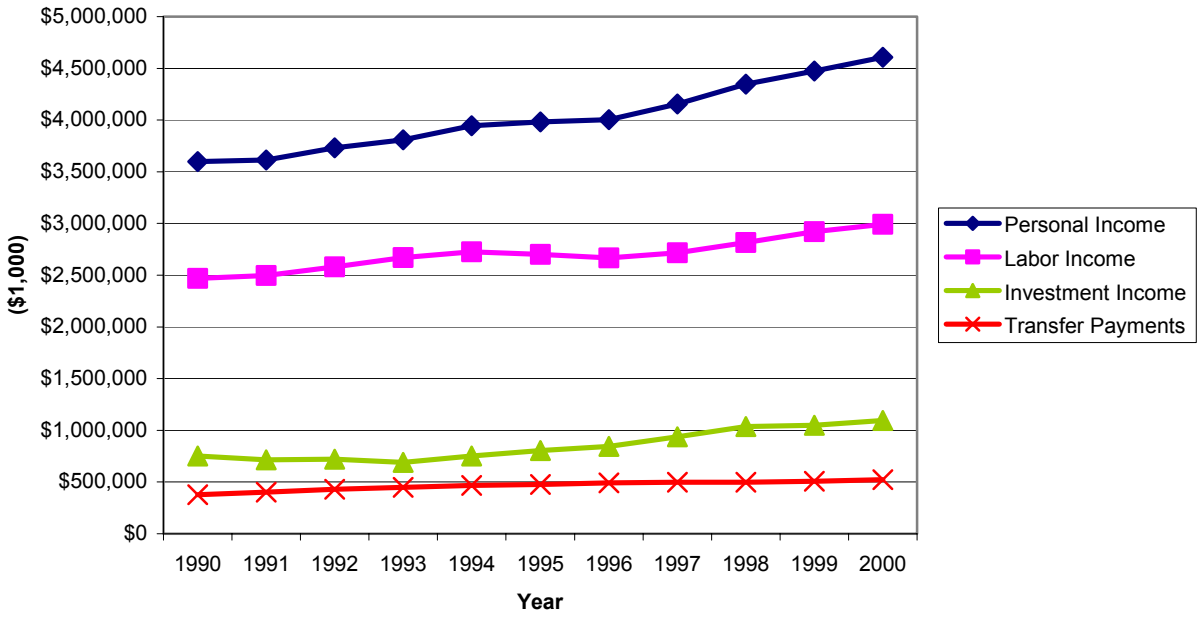


Figure 3-34 Annual Unemployment Rate for Counties in the Socioeconomic Study Area

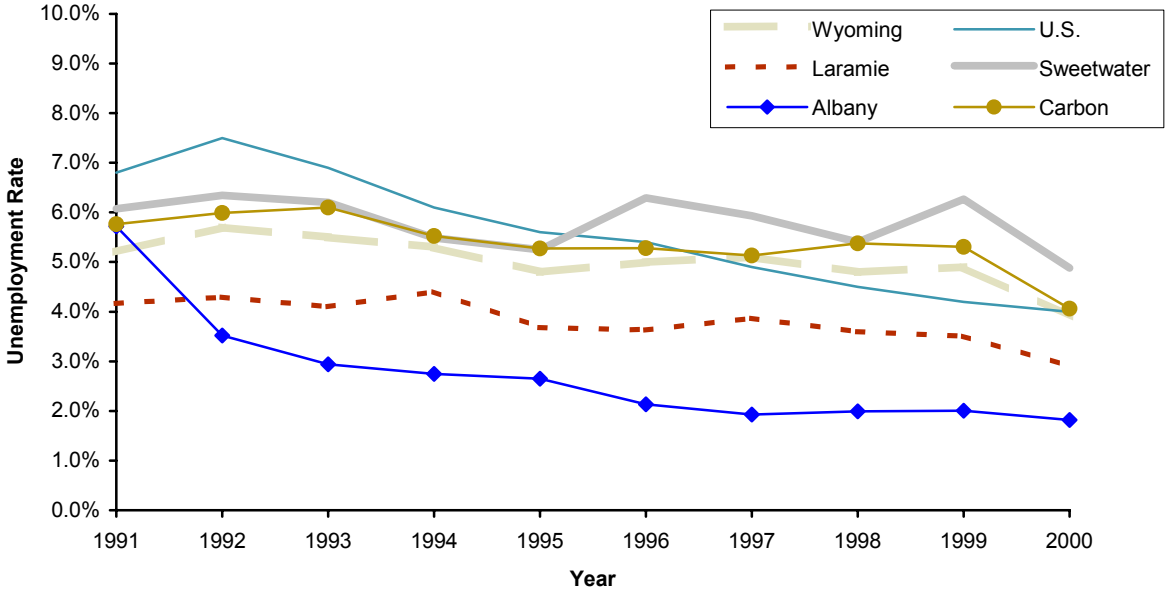


Figure 3-35 Employment Trends by Industry, 1990-2000

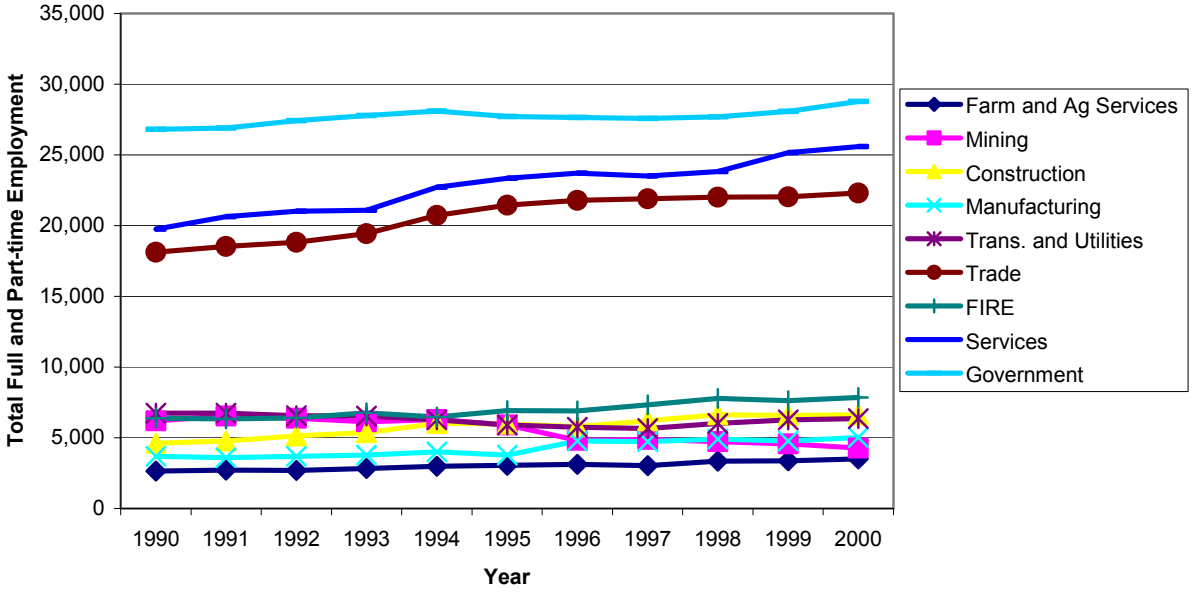


Figure 3-36 Total Earnings Trends by Industry, 1990-2000 (2001$)

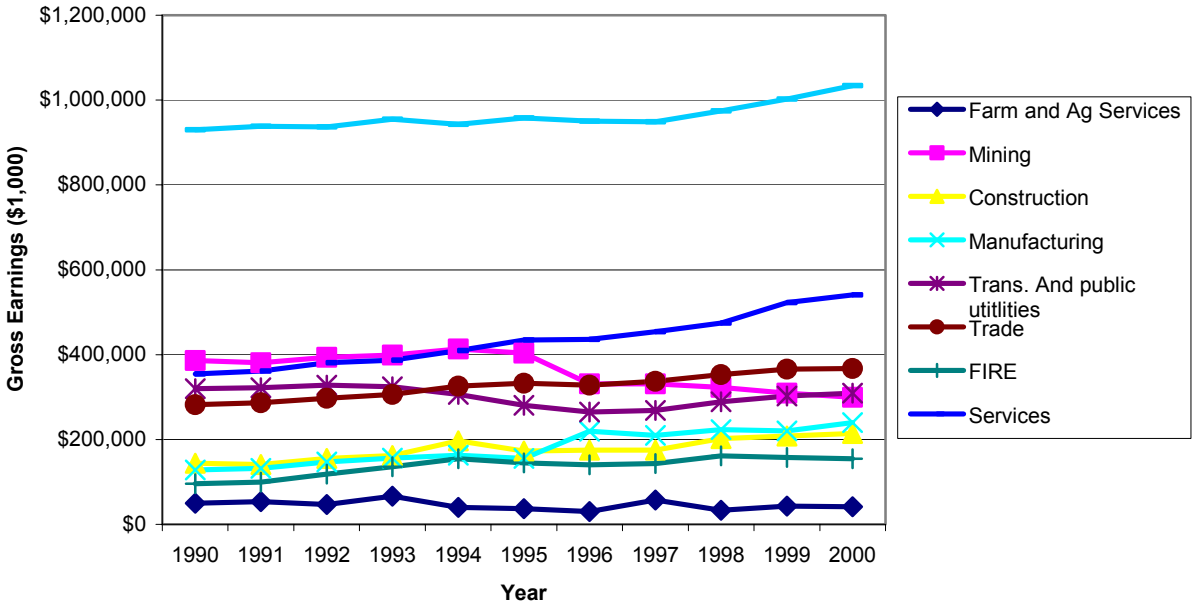


Figure 3-37 Average Real Earnings by Industry, 1990-2000 (2001$)

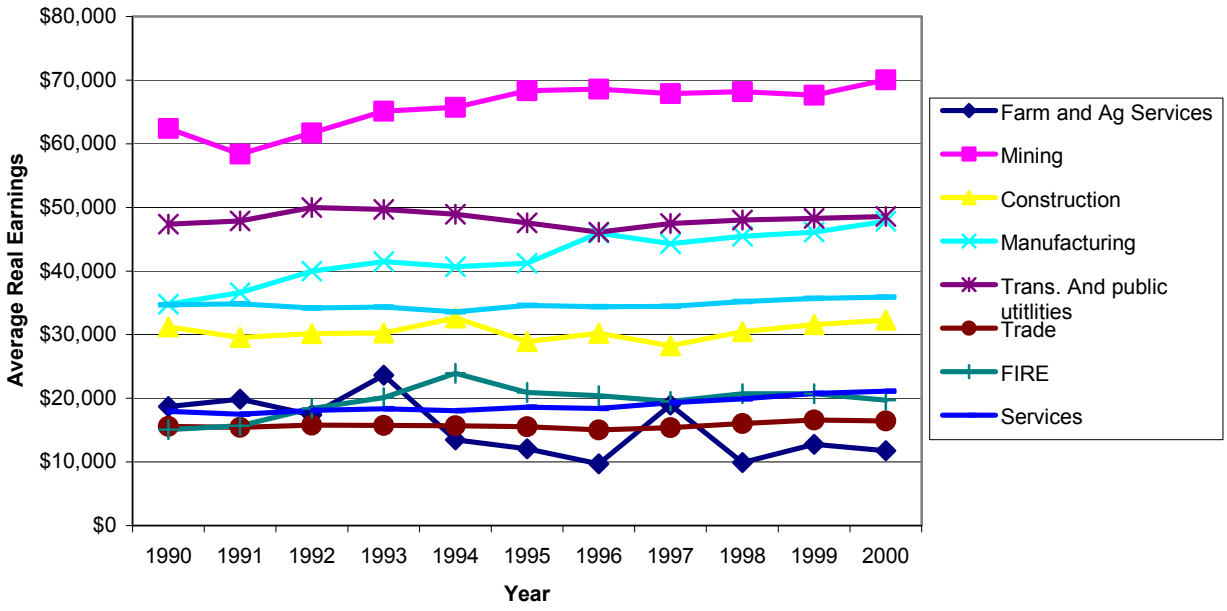


Figure 3-38 Percentage of Locally Assessed Property by Category, 2000

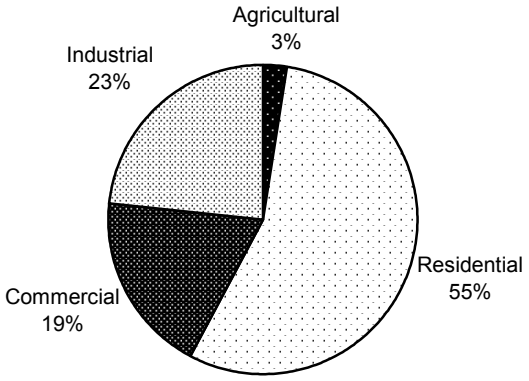


Figure 3-39 Percentage of State Assessed Property by Category Values for Counties in RMPPA, 2000

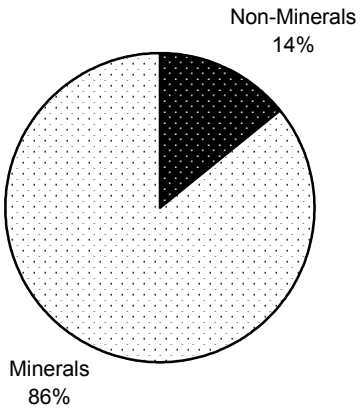


Figure 3-40 Annual PILT Payments, 1991-2000

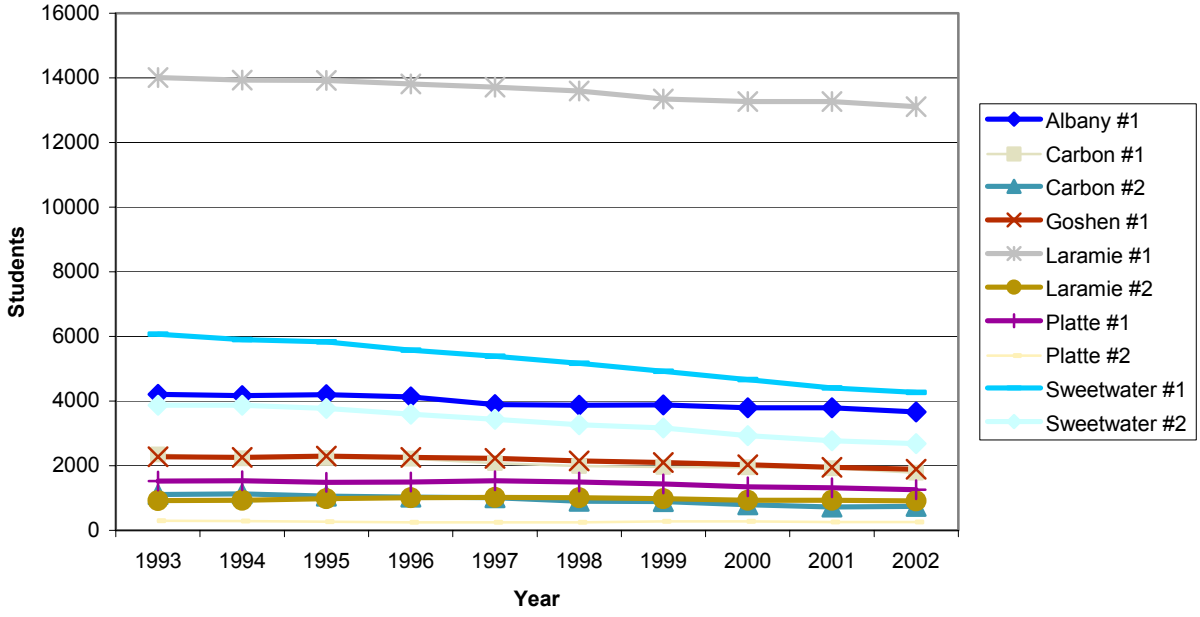


Figure 3-41 Historic Gas Production in the RMPPA Socioeconomic Study Area

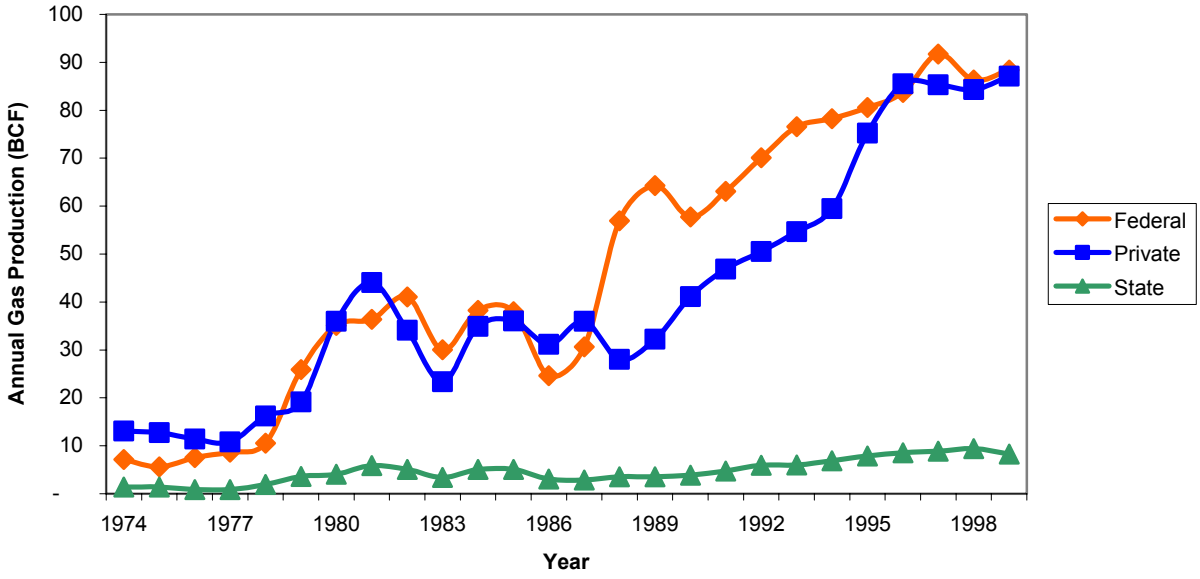


Figure 3-42 Historic Oil Gas Production in the RMPPA

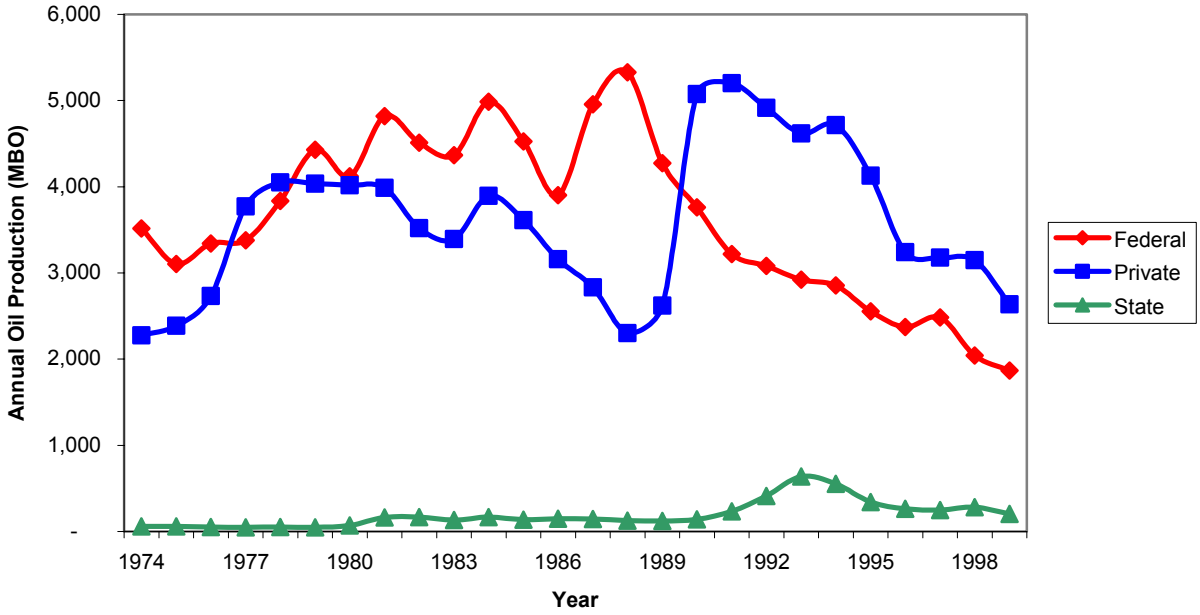


Figure 3-43 Streamflow 2003 (April - Oct.) and Statistics for 1940 - 2002, USGS Gage #06625000 Encampment River at Mouth, near Encampment, WY.

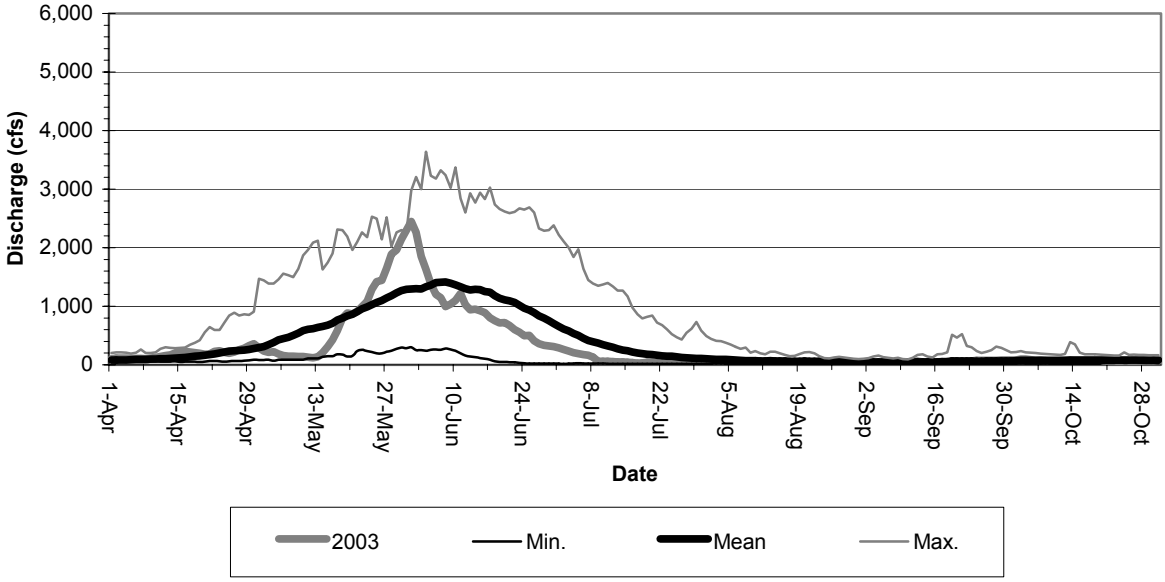


Figure 3-44 Streamflow 2003 (April - Oct.) and Statistics for 1939 - 2002, USGS Gage #06635000 Medicine Bow River, Above Seminoe Reservoir near Hanna, Wyoming.

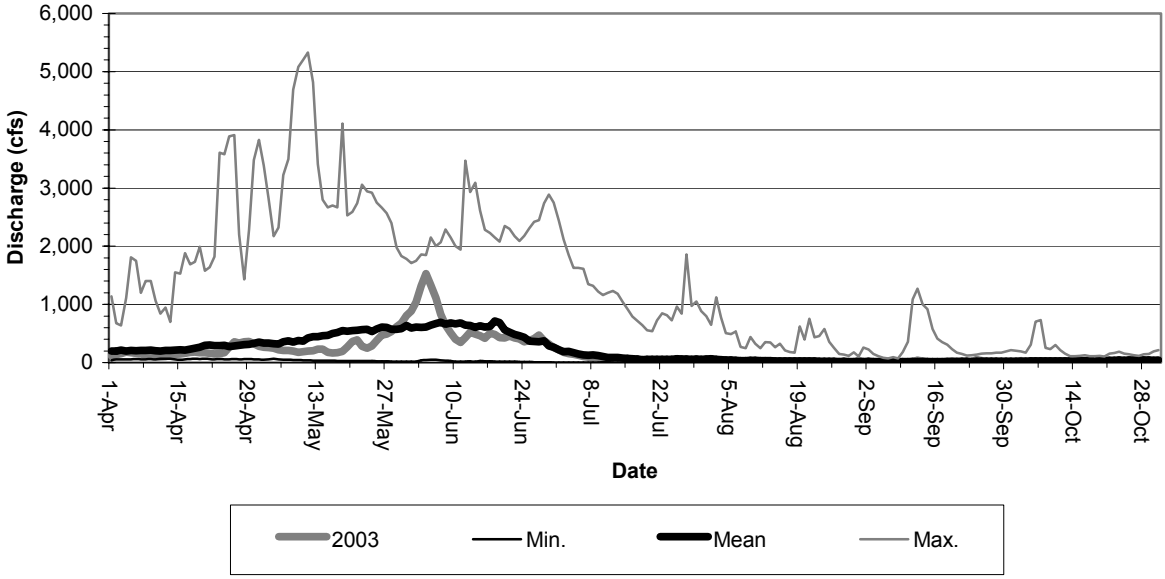


Figure 3-45 Streamflow 2003 (April - Oct.) and Statistics for 1915 - 2002, USGS Gage #06670500 Laramie River near Fort Laramie, WY.

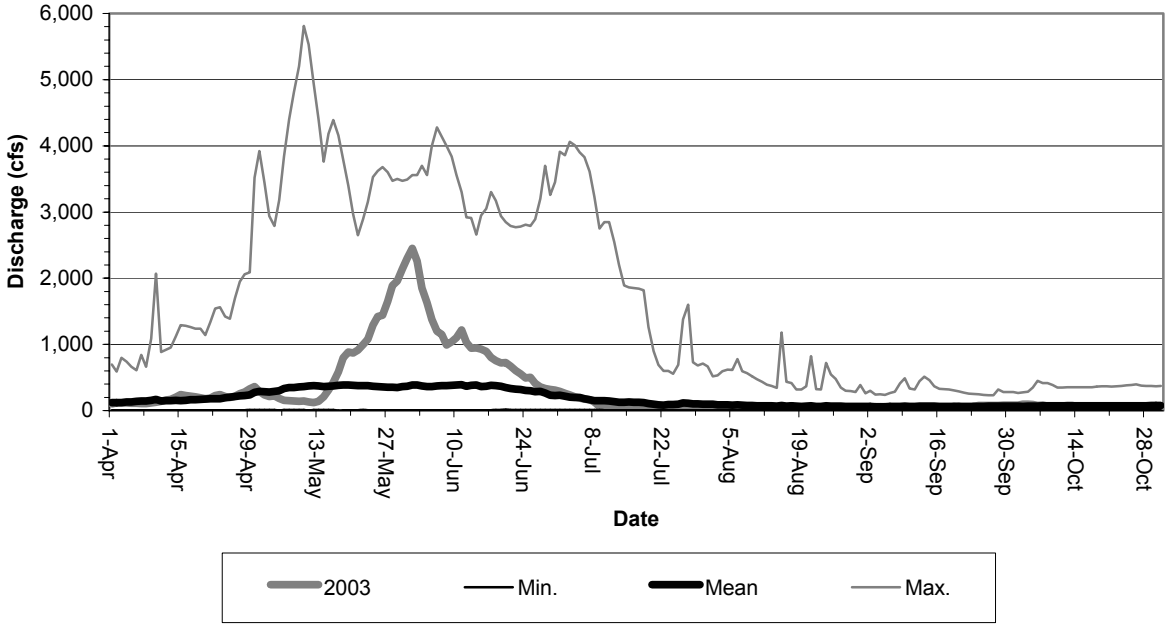


Figure 3-46 Streamflow 2003 (April - Oct.) and Statistics for 1939 - 2002, USGS Gage #06630000 North Platte River, Above Seminoe Reservoir near Sinclair, Wyoming.

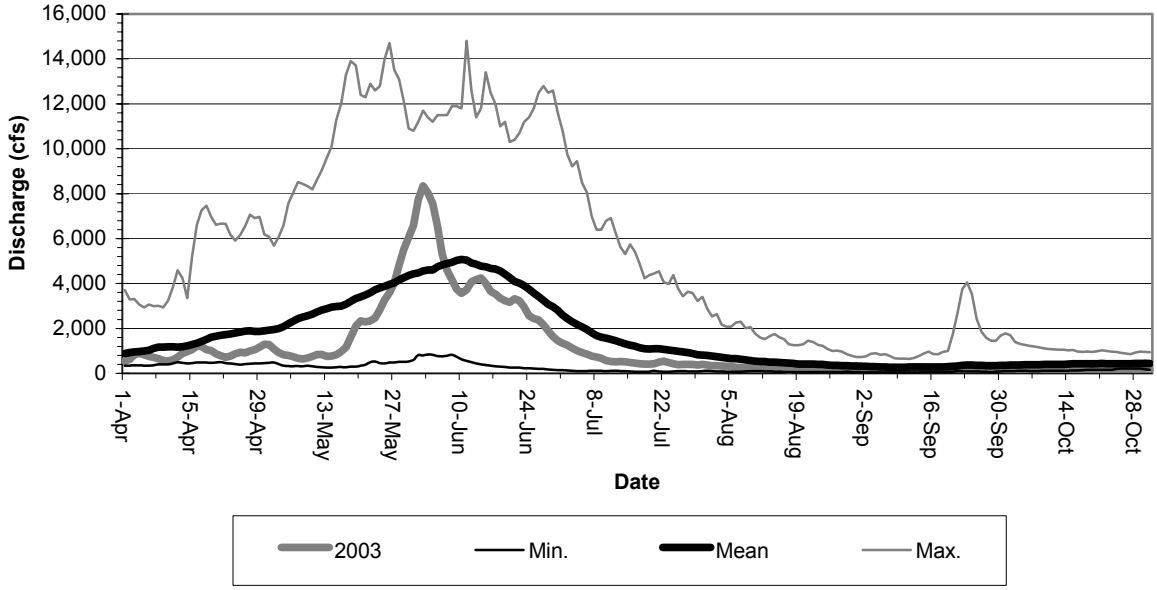


Figure 3-47 Streamflow 2003 (April - Oct.) and Statistics for 1943 - 2002, USGS Gage #09253000 Little Snake River near Slater, CO.

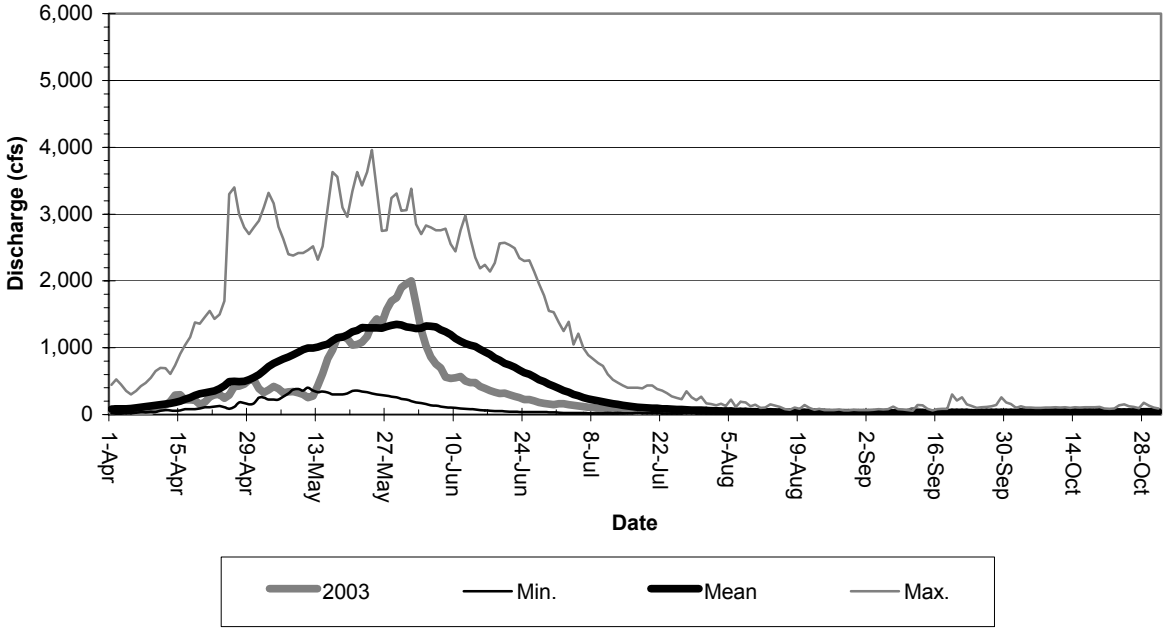


Figure 3-48 Mean Streamflow (April - Oct.) for USGS Gages #06625000 (Encampment), #06635000 (Medicine Bow), #06670500 (Laramie), #06630000 (North Platte), and #09253000 (Little Snake).

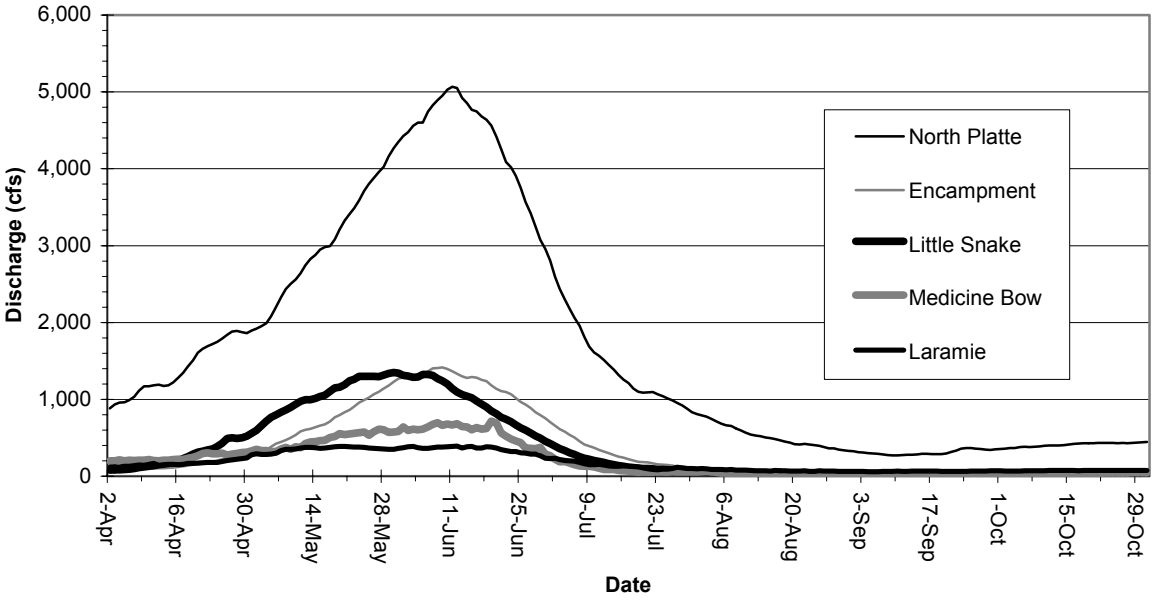


Figure 4-1 Potential Number of BLM Wells – Alternative 1

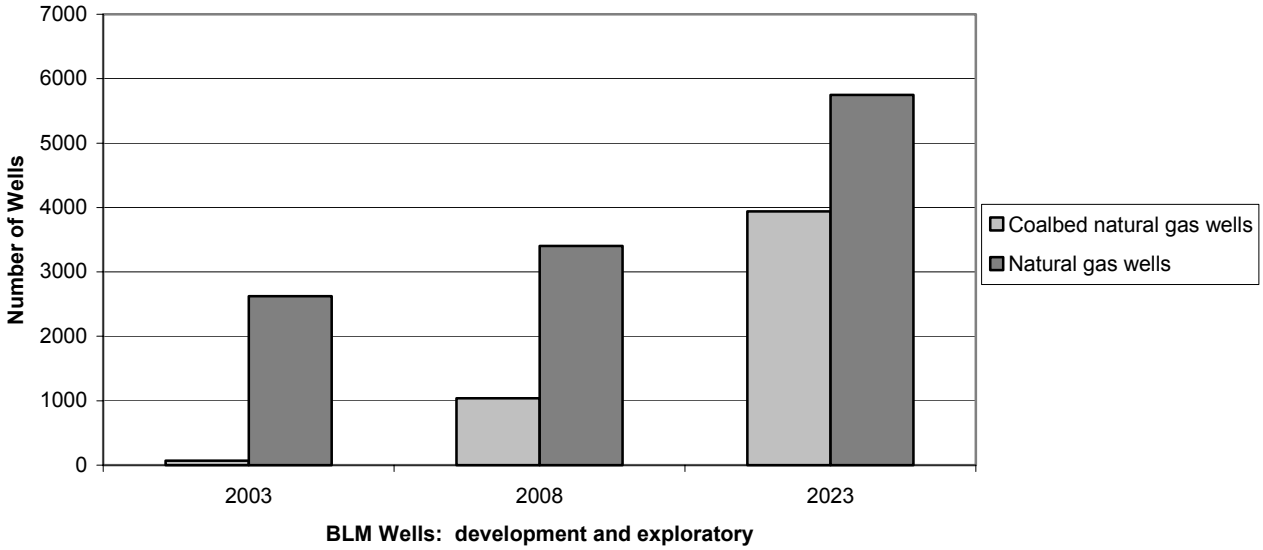


Figure 4-2 Potential Number of BLM Wells – Alternative 2

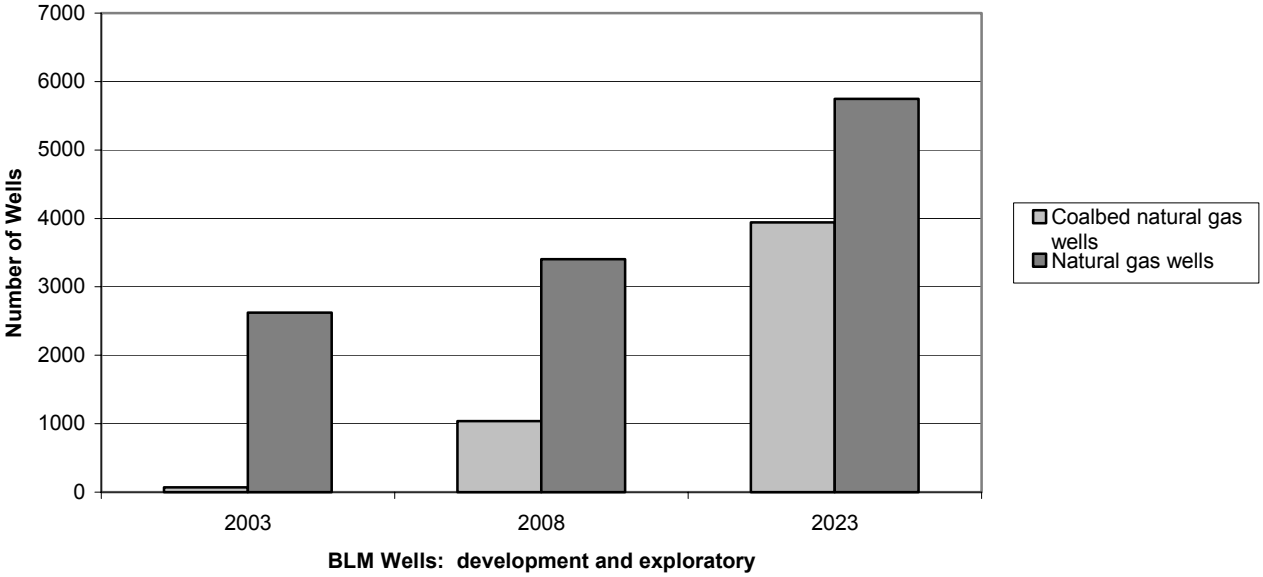


Figure 4-3 Potential Number of BLM Wells – Alternative 3

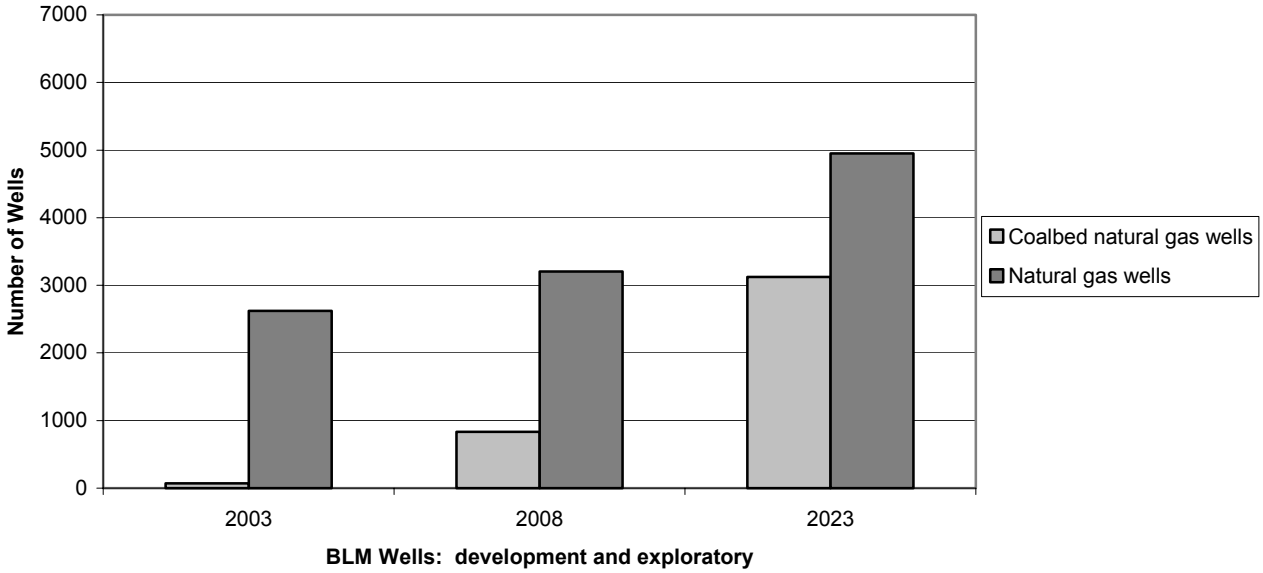


Figure 4-4 Potential Number of BLM Wells – Alternative 4

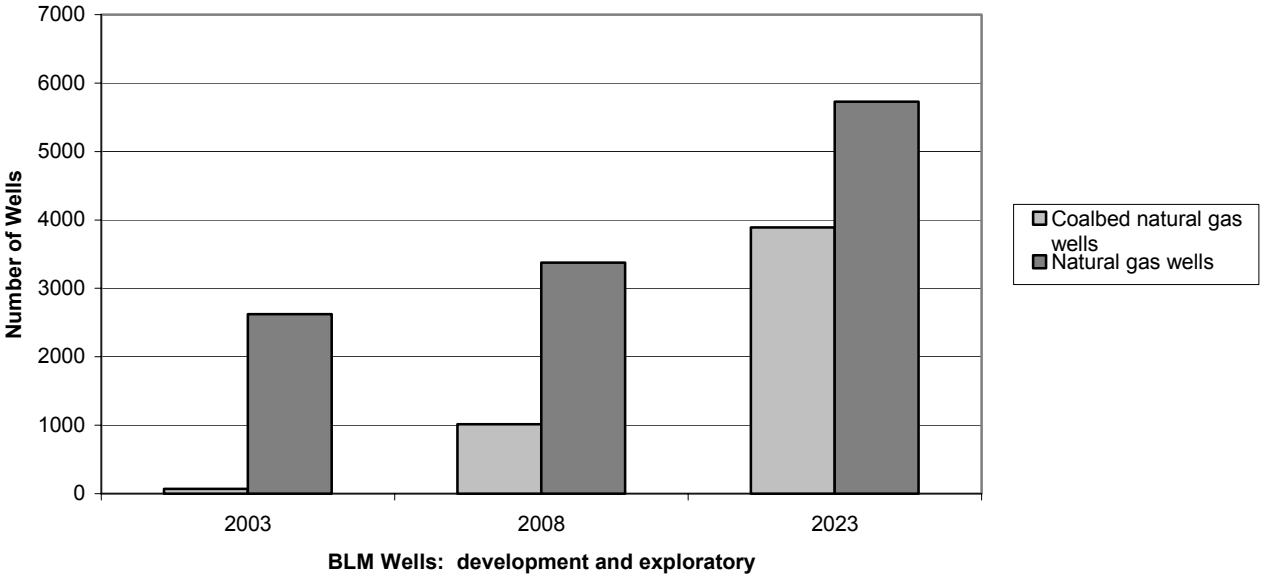


Figure 4-5 Potential Emissions from BLM Sources – Alternative 1

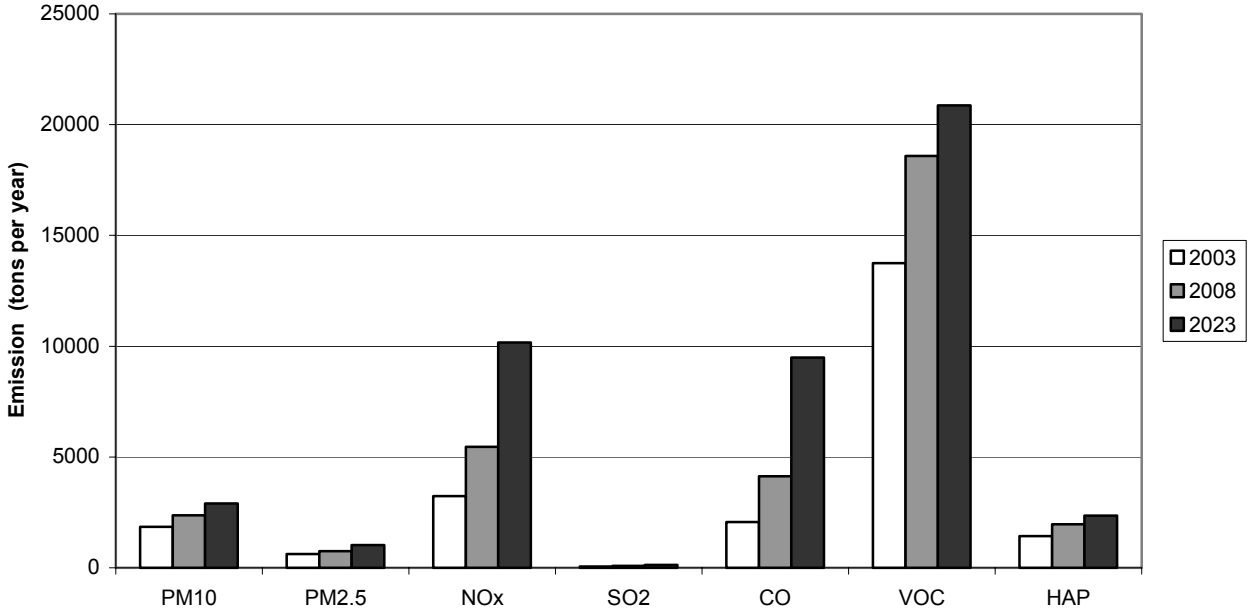


Figure 4-6 Potential Emissions from BLM Sources – Alternative 2

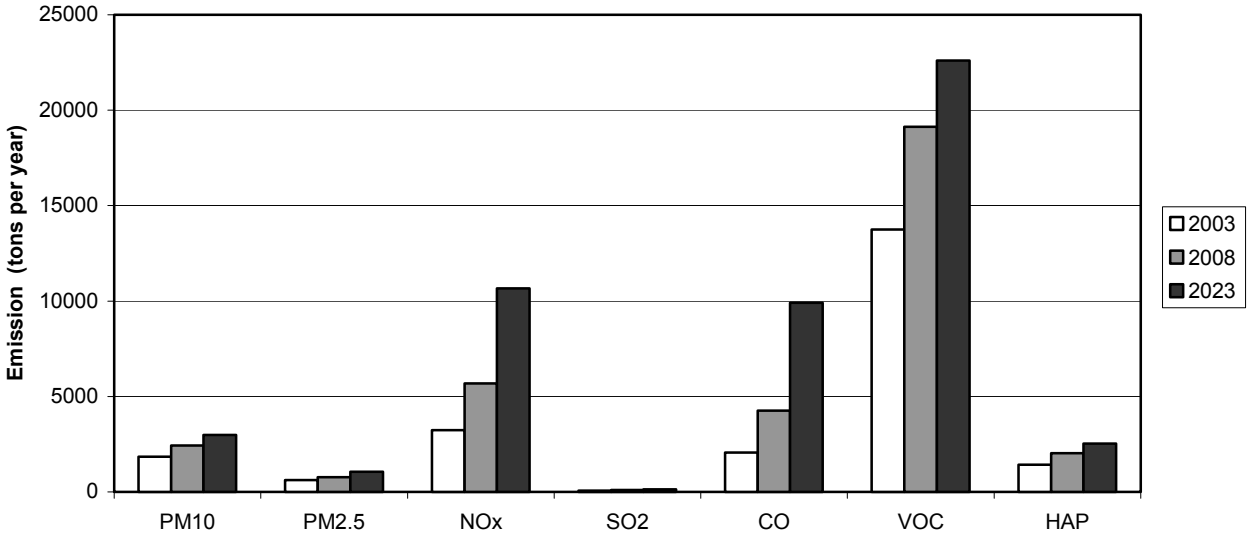


Figure 4-7 Potential Emissions from BLM Sources – Alternative 3

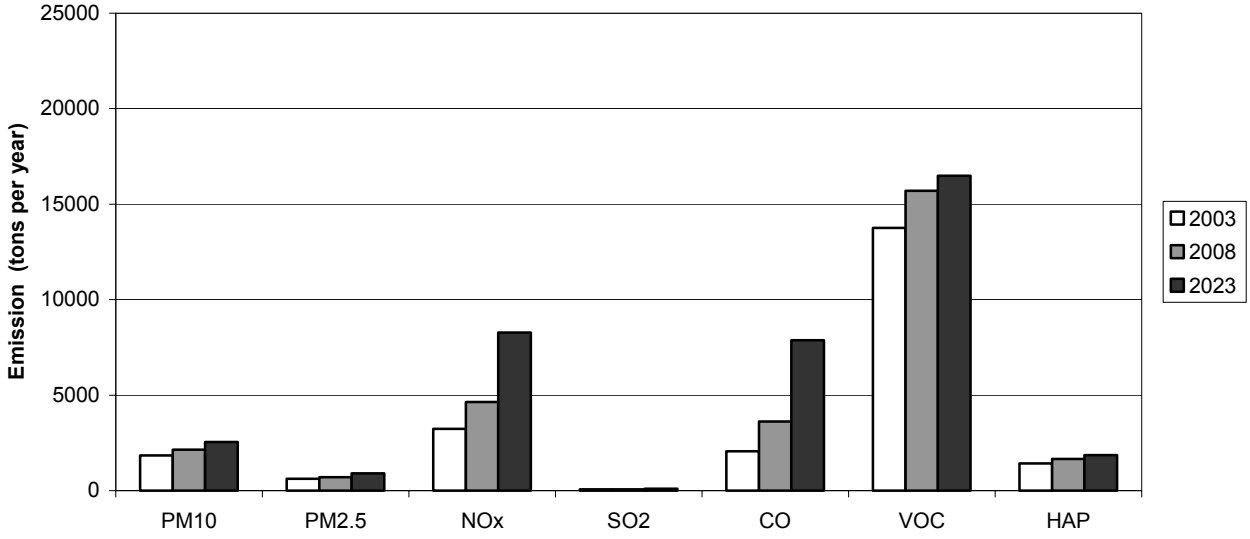


Figure 4-8 Potential Emissions from BLM Sources – Alternative 4

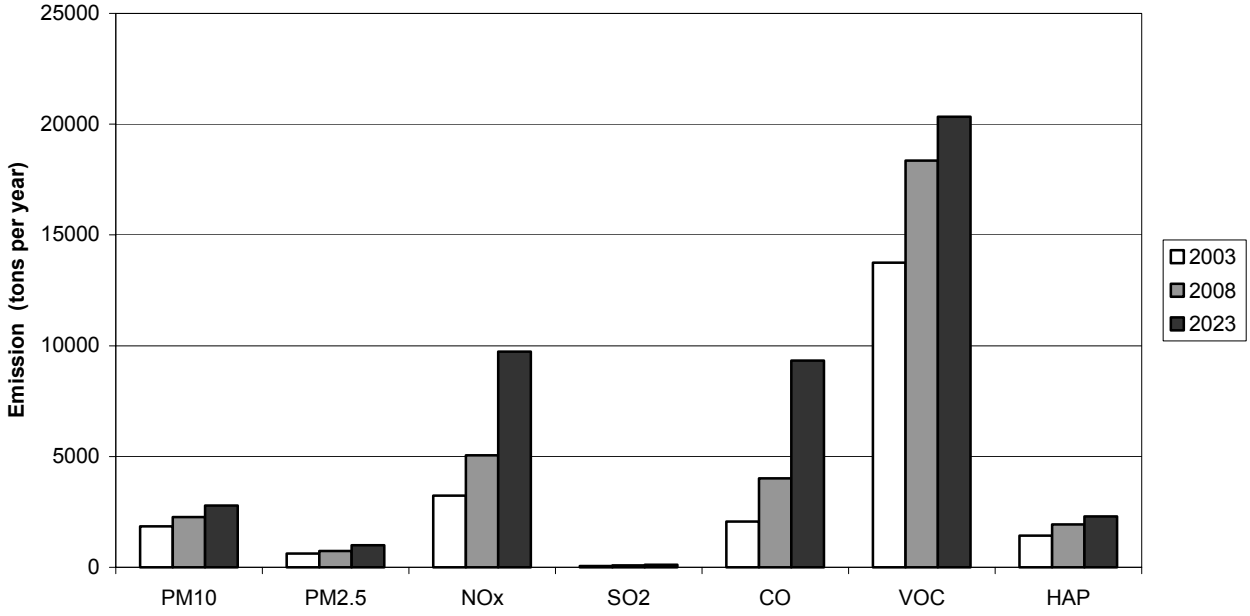


Figure 4-9 Potential Emissions from BLM Coalbed Natural Gas – Alternative 1

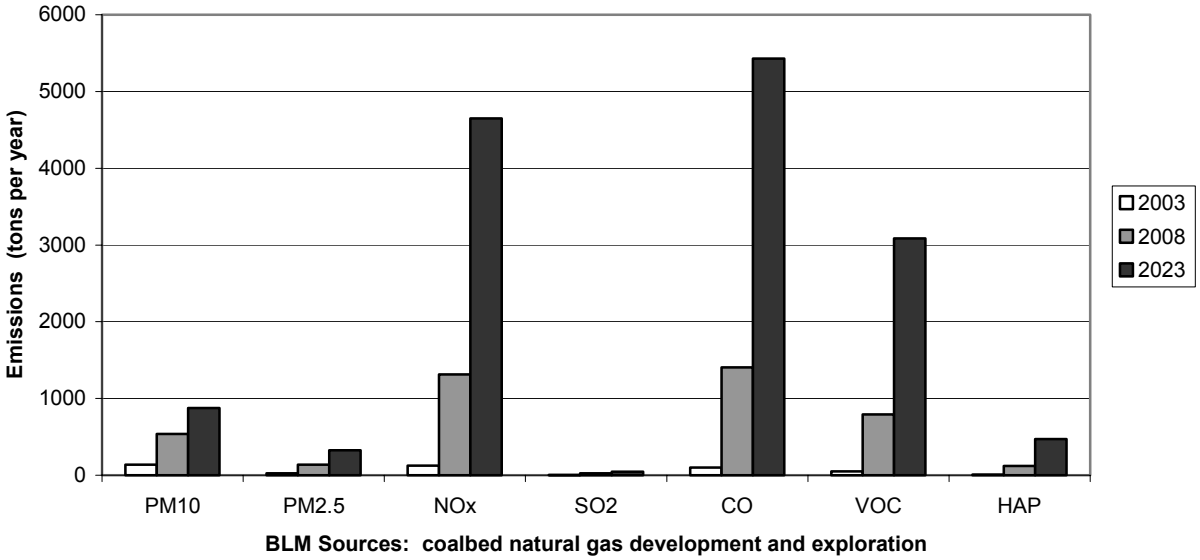


Figure 4-10 Potential Emissions from BLM Coalbed Natural Gas – Alternative 2

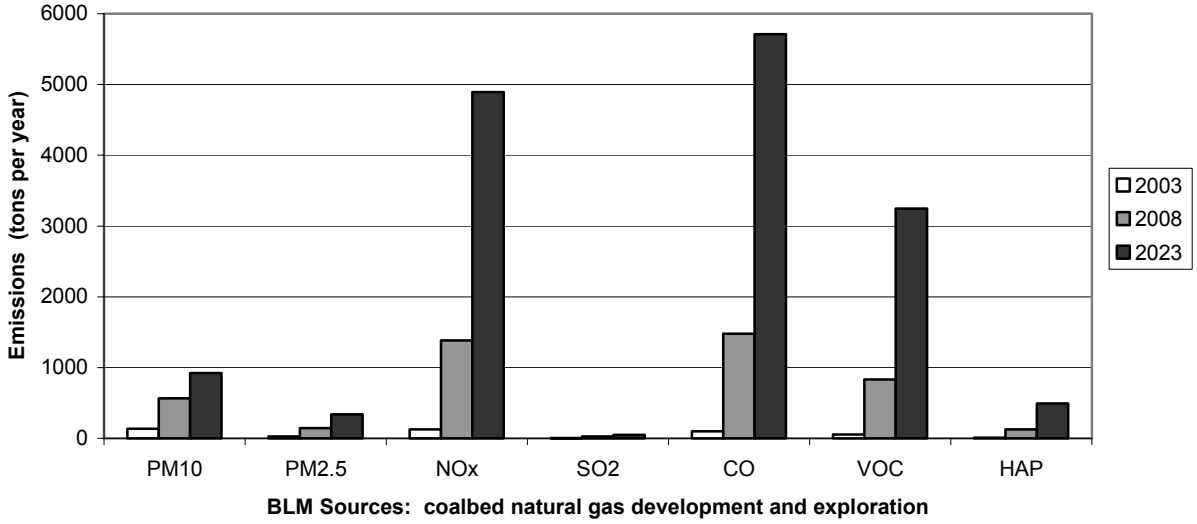


Figure 4-11 Potential Emissions from BLM Coalbed Natural Gas – Alternative 3

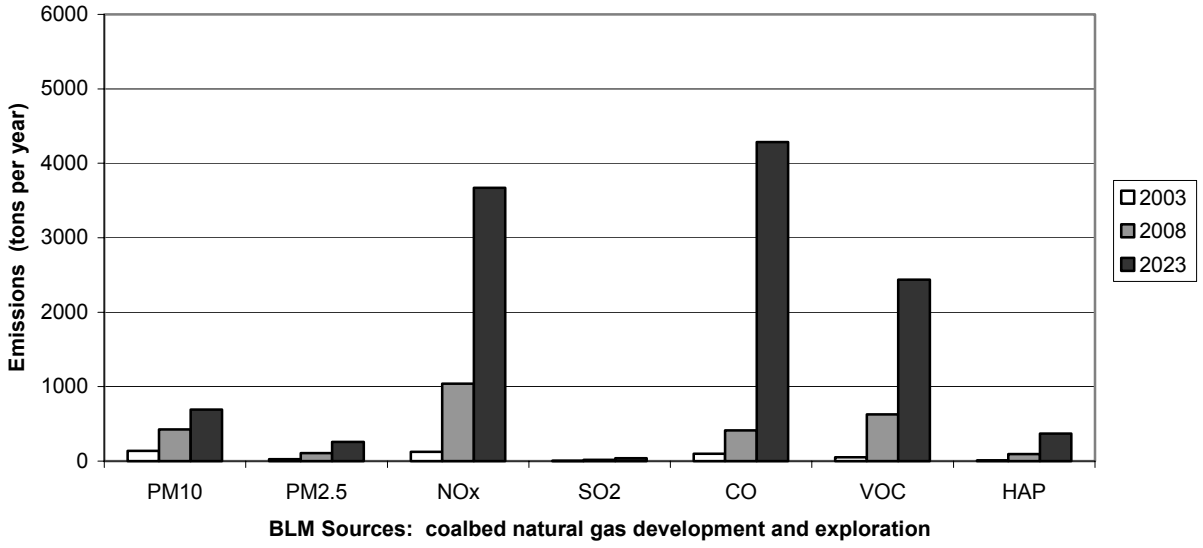


Figure 4-12 Potential Emissions from BLM Coalbed Natural Gas – Alternative 4

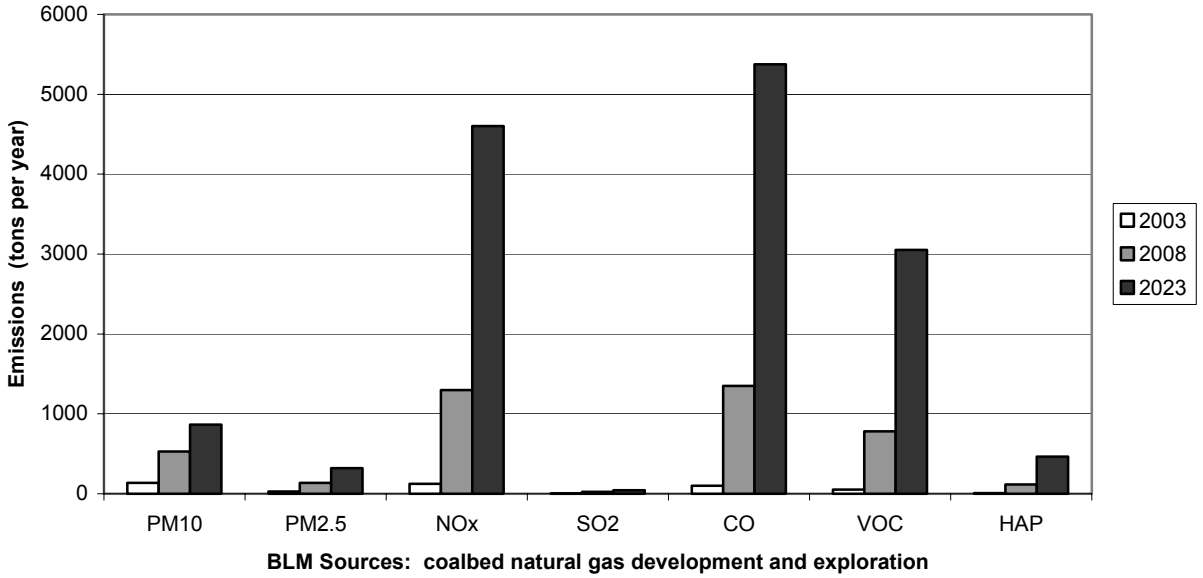


Figure 4-13 Potential Emissions from BLM Conventional Oil and Gas – Alternative 1

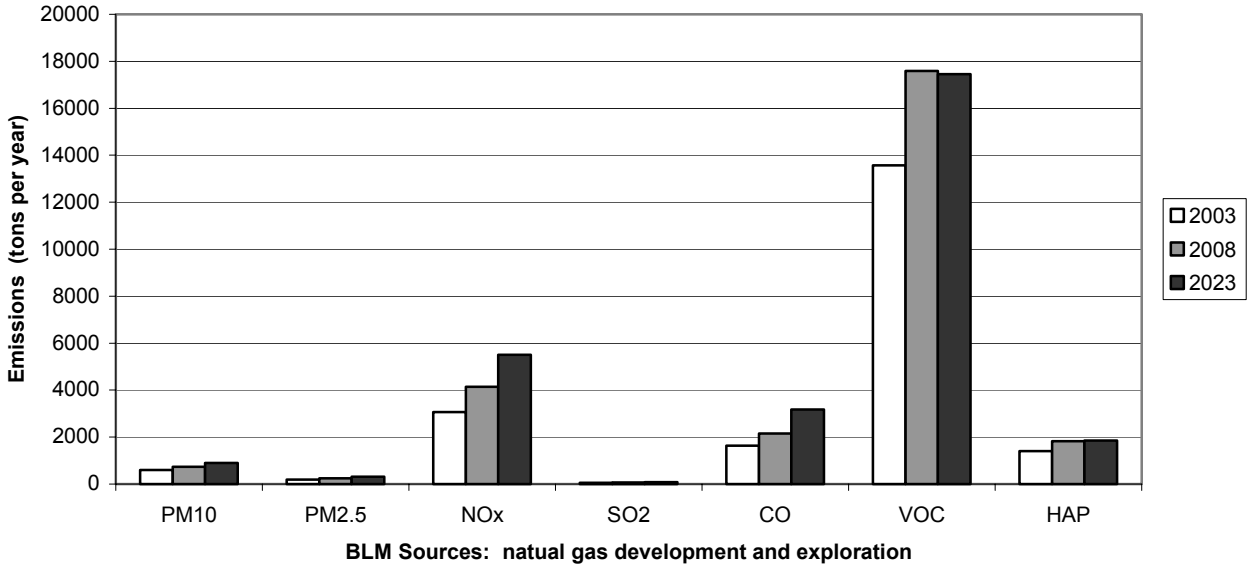


Figure 4-14 Potential Emissions from BLM Conventional Oil and Gas – Alternative 2

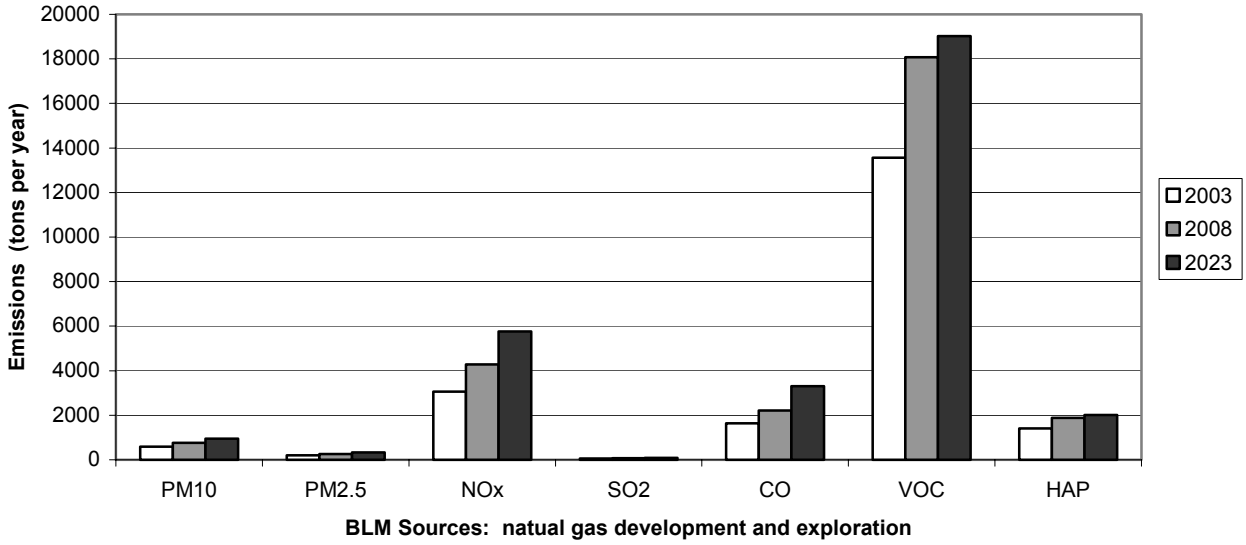


Figure 4-15 Potential Emissions from BLM Conventional Oil and Gas – Alternative 3

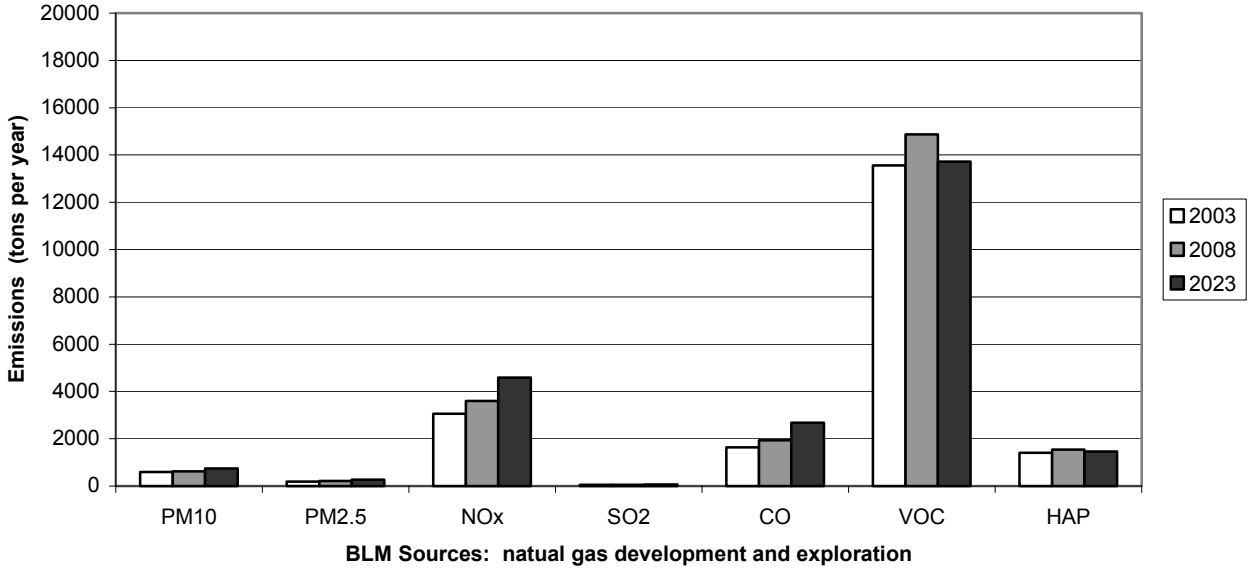


Figure 4-16 Potential Emissions from BLM Conventional Oil and Gas – Alternative 4

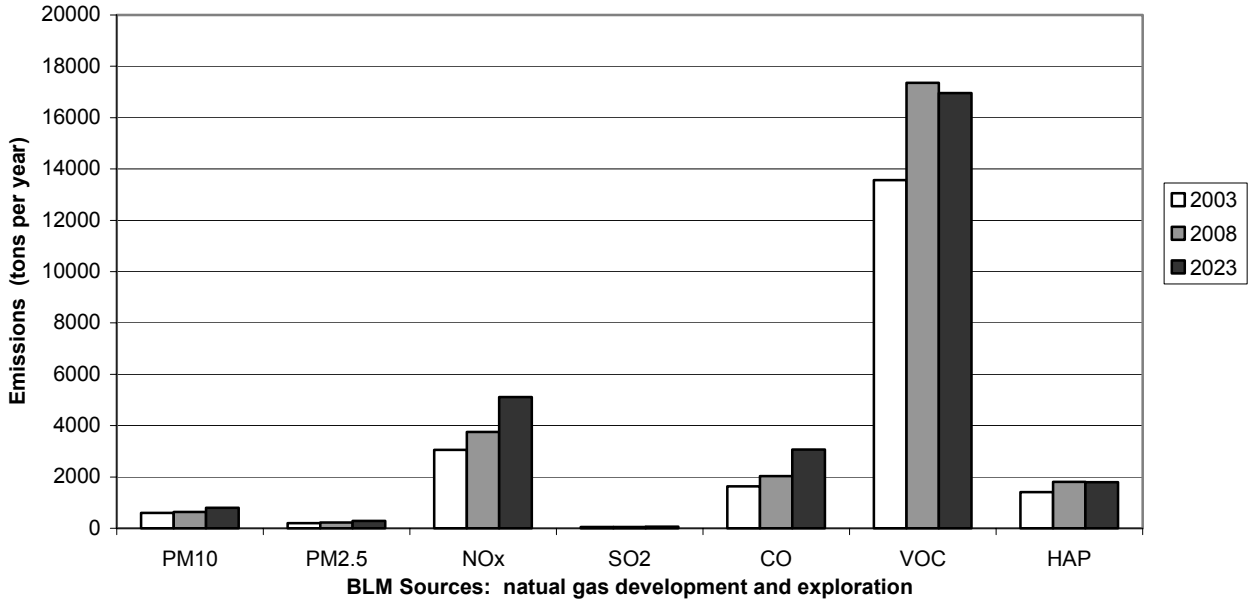


Figure 4-17 Potential Emissions from BLM Non-Oil and Gas Activities – Alternative 1

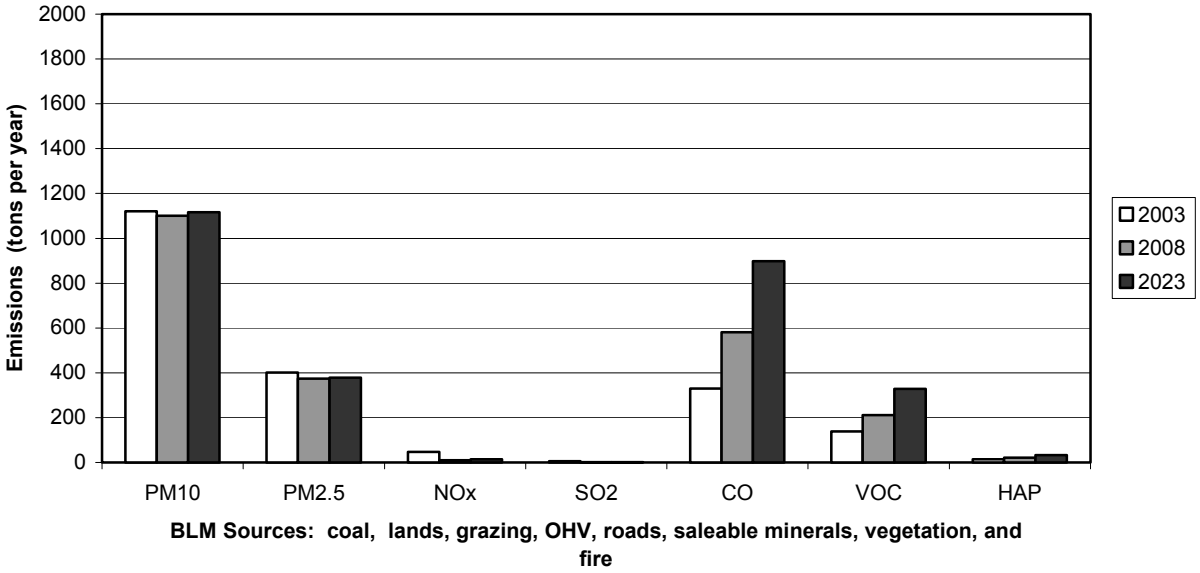


Figure 4-18 Potential Emissions from BLM Non-Oil and Gas Activities – Alternative 2

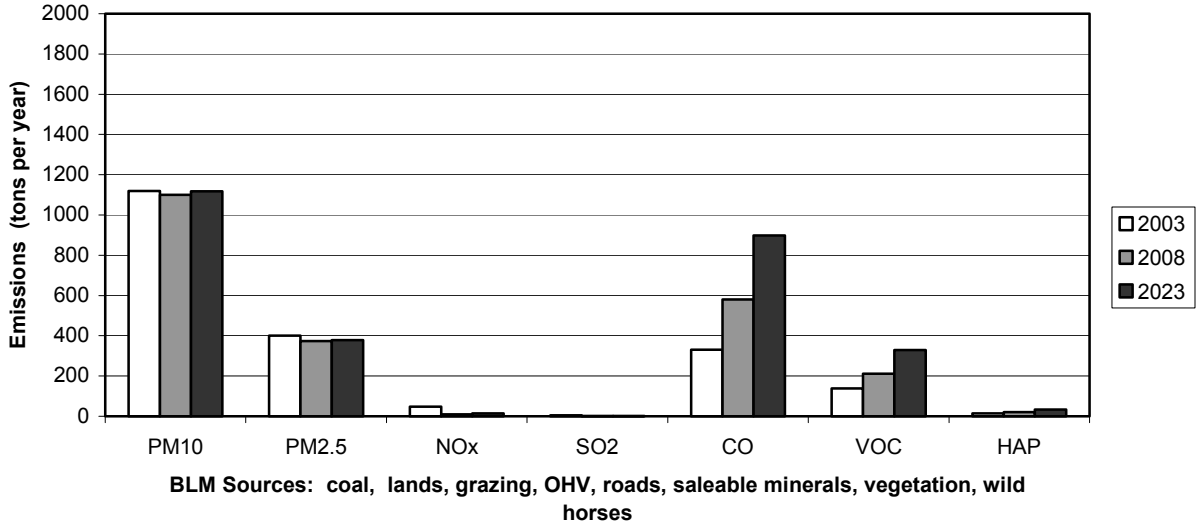
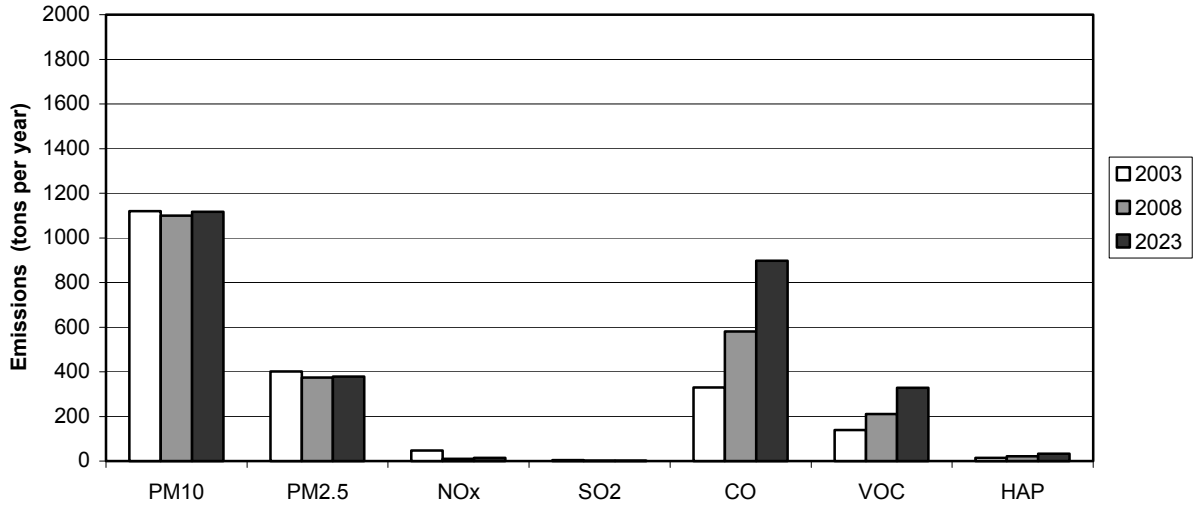
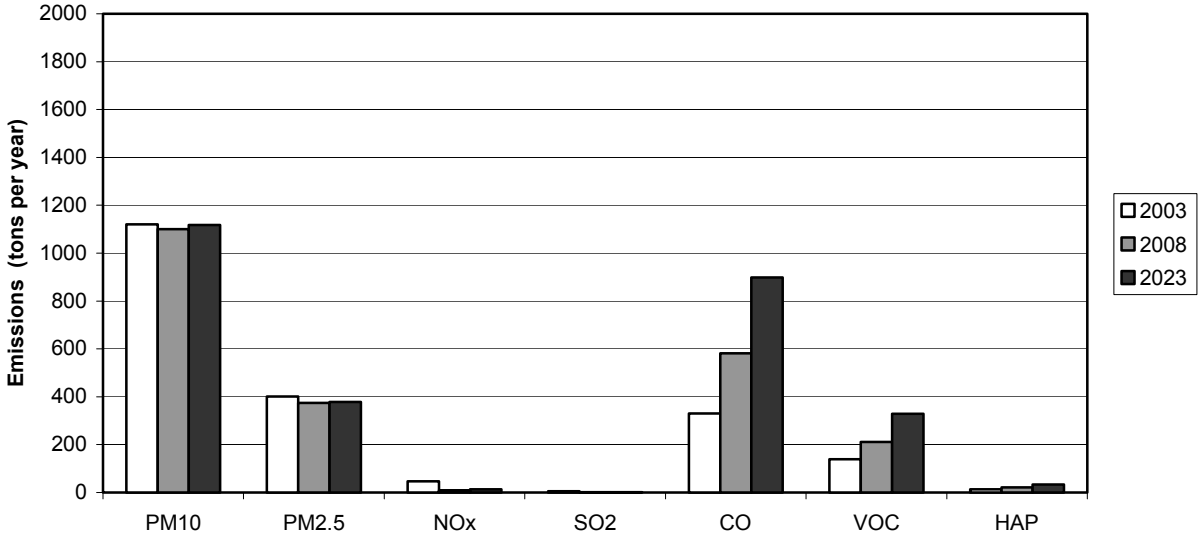


Figure 4-19 Potential Emissions from BLM Non-Oil and Gas Activities – Alternative 3



BLM Sources: coal, lands, grazing, OHV, roads, saleable minerals, vegetation, wild horses

Figure 4-20 Potential Emissions from BLM Non-Oil and Gas Activities – Alternative 4



BLM Sources: coal, lands, grazing, OHV, roads, saleable minerals, vegetation, wild horses

Figure 4-21 Increase in Annual Air Emissions from Current Conditions – Alternative 1

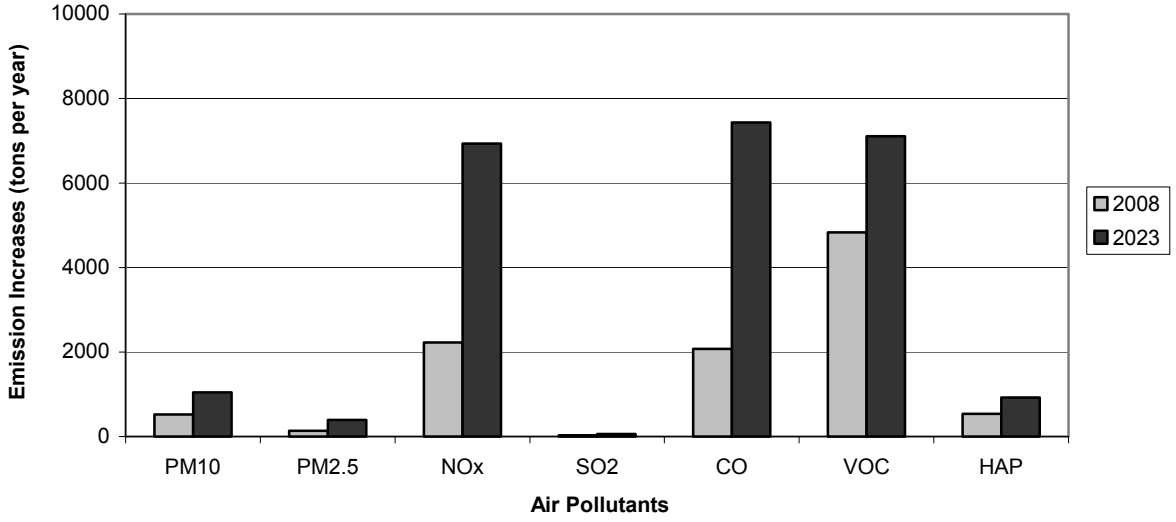


Figure 4-22 Increase in Annual Air Emissions from Current Conditions – Alternative 2

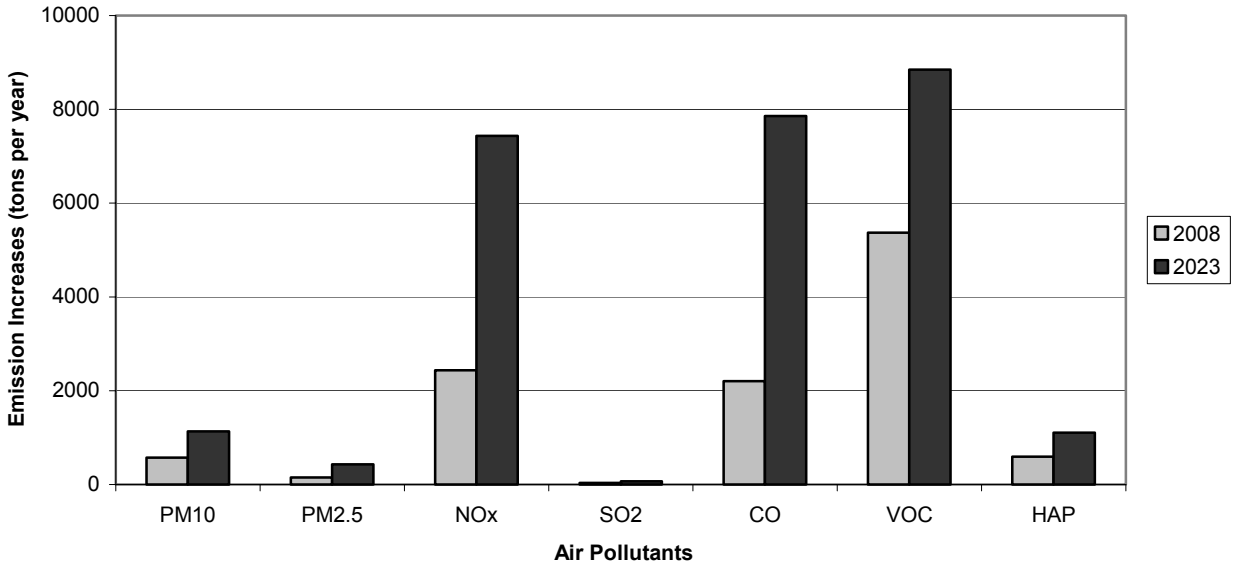


Figure 4-23 Increase in Annual Air Emissions from Current Conditions – Alternative 3

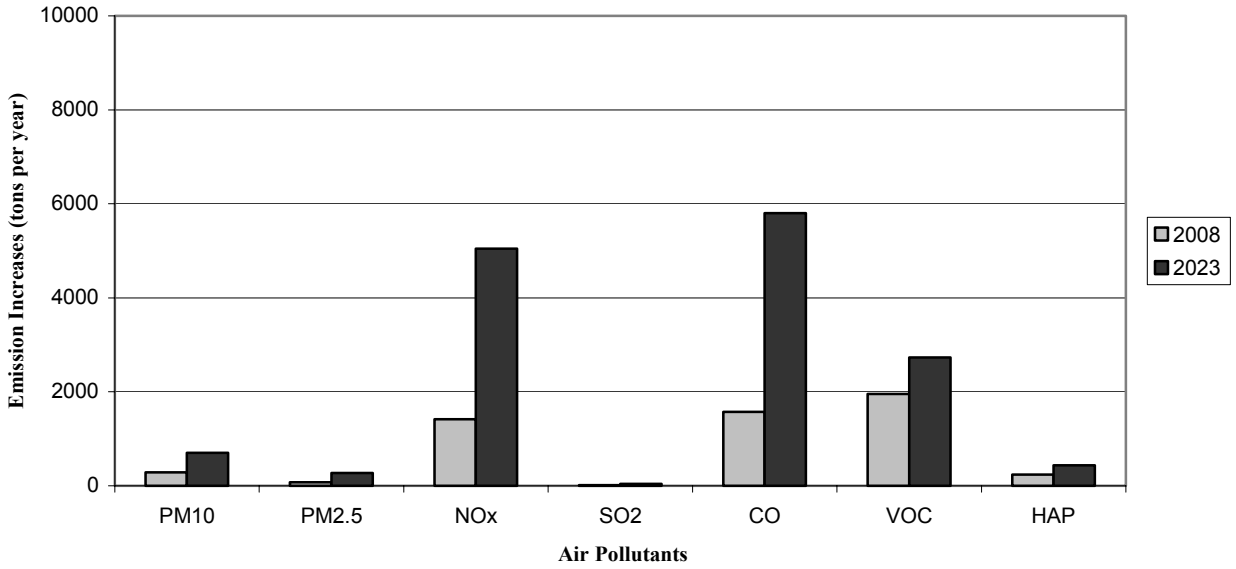


Figure 4-24 Increase in Annual Air Emissions from Current Conditions – Alternative 4

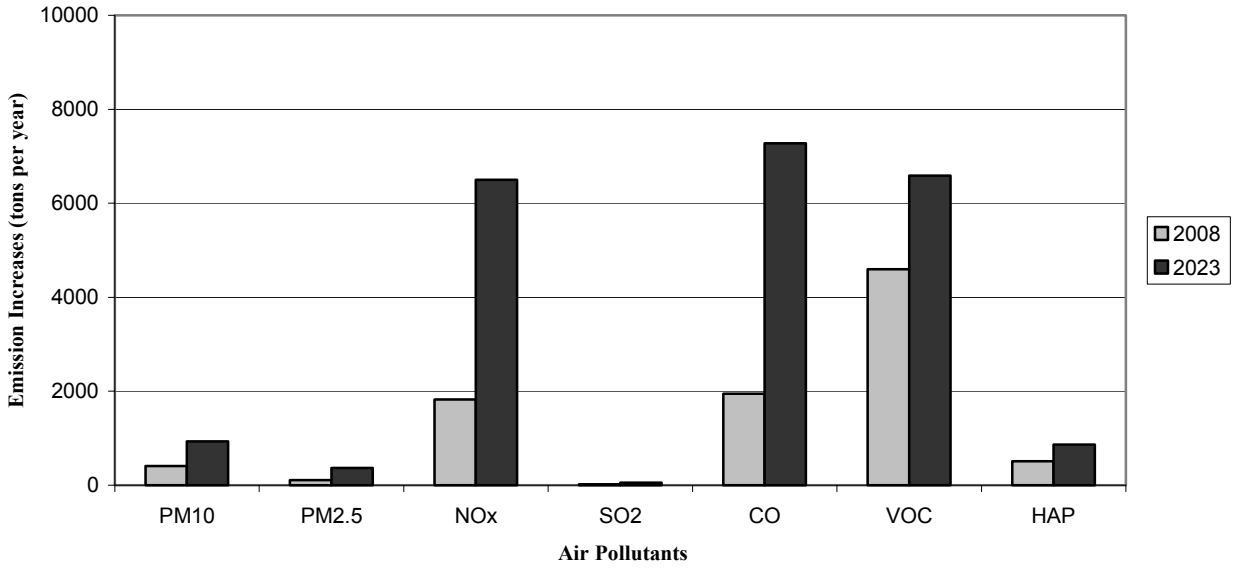


Figure 4-25 Summary of Total Emmissions

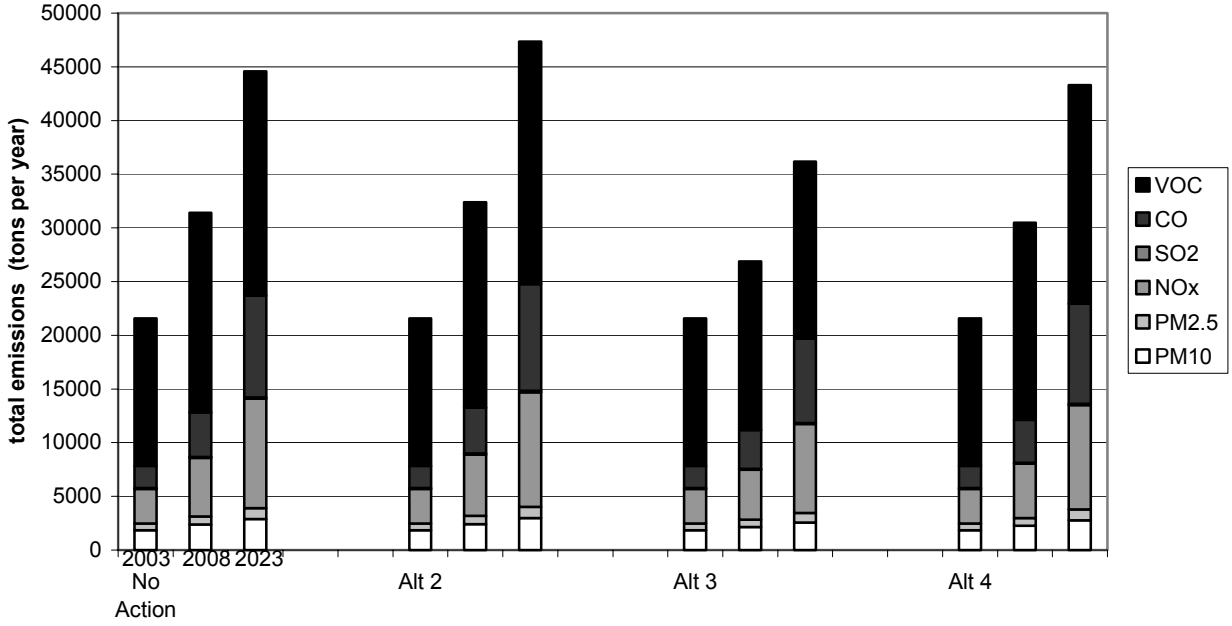
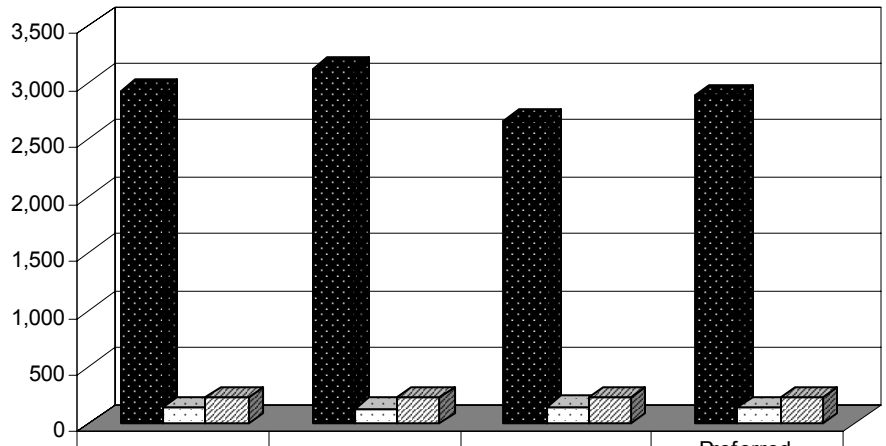
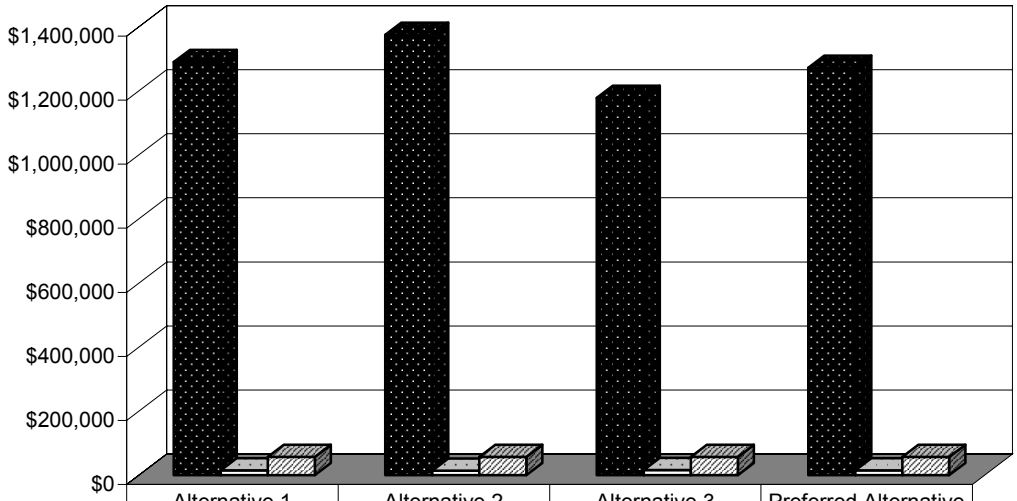


Figure 4-26 Average Annual Employment by Alternative



	Alternative 1	Alternative 2	Alternative 3	Preferred Alternative
Oil and Gas	2,926	3,120	2,664	2,884
Recreation	145	134	149	145
Grazing	231	231	231	231

Figure 4-27 Total Earnings by Alternative



	Alternative 1	Alternative 2	Alternative 3	Preferred Alternative
Oil and Gas	$1,290,970	$1,376,005	$1,178,522	$1,272,825
Recreation	$15,825	$14,868	$16,142	$15,825
Grazing	$57,736	$57,736	$57,736	$57,736

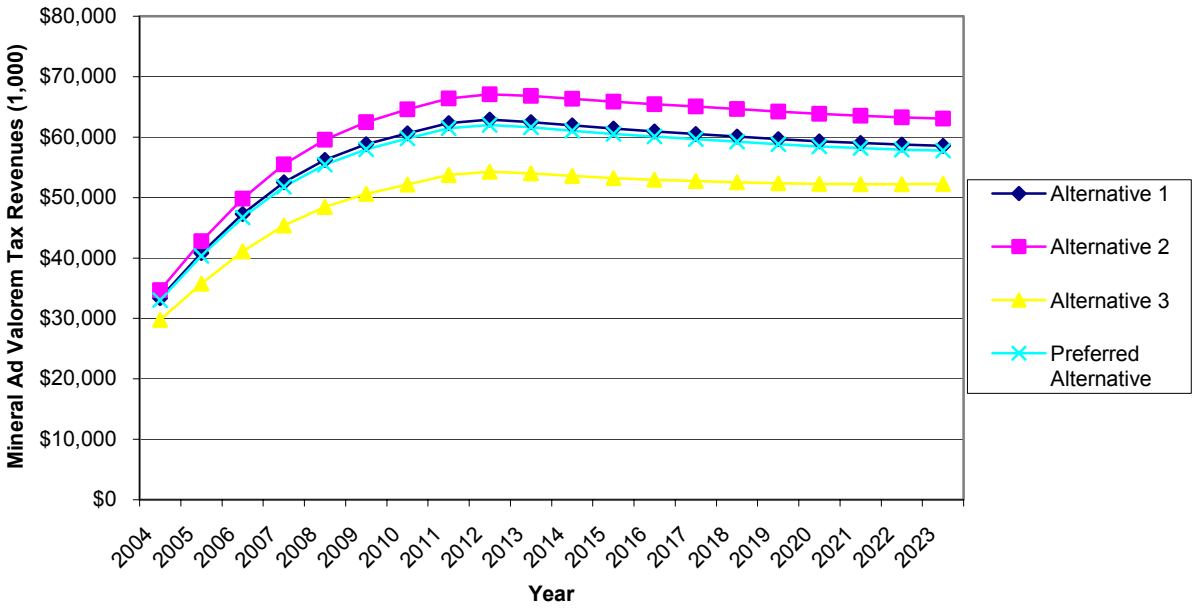



Figure 4-28 Estimated Ad Valorem Tax Revenues by Alternative