

MAINTENANCE AND ENHANCEMENT OF LONG-TERM SOCIAL, ECONOMIC, AND CULTURAL BENEFITS TO MEET THE NEEDS OF SOCIETIES.

CROSS-WALK TO FOREST AND RANGELAND ROUNDTABLE INDICATORS

Minerals Roundtable	Forest Roundtable	Rangeland Roundtable
Criterion: Maintenance and enhancement of long-term social, economic, and cultural benefits to meet the needs of societies	Criterion 6: Maintenance and enhancement of long-term multiple socioeconomic benefits to meet the needs of societies	Criterion 6: Maintenance and enhancement of long-term multiple socioeconomic benefits to meet the needs of societies
<i>SE 1.1 Local - Employment and income in energy and mineral sectors in nonrenewable resource dependent counties</i>		
<i>SE 1.1.1 Mining dependent counties as a percent of counties</i>		
<i>SE 1.1.2 Direct employment</i>		
<i>SE1.1.3 Total employment</i>	6.5a Direct and indirect employment in the forest sector and the forest sector employment as a proportion of total employment	
<i>SE 1.1.4 Direct income</i>	6.5b Average wage rates and injury rates in major employment categories within the forest sector	
<i>SE 1.1.5 Total income</i>		
		41. Federal transfers by categories (individual, infrastructure, agriculture, etc.)
<i>SE 1.2 Local -per capital income in nonrenewable resource dependent counties</i>		

SE 1.3 <i>Local -other income to communities from the energy and mineral sectors</i>		
SE 1.4 <i>Local -dependency of energy and mineral dependent counties on energy and minerals activities</i>		43. Sources of income and level of dependence on livestock production for household income
SE 1.5 <i>Local -degree to which a county is dependent upon another resource that could be affected by nonrenewable resource-related activities</i>		
SE 2.1 <i>National -output/labor expenditure</i>		
SE2.2 <i>National -value of energy and mineral production</i>	6.1a Value and volume of wood and wood products production, including value added through downstream processing	27. The value of forage harvested from rangeland by livestock
	6.1b Value and quantities of production of nonwood forest products	28. Value of production of non-livestock products produced from rangeland
	6.1d Value of wood and nonwood products production as percentage of GDP	47. Value produced by agriculture and recreation industries as percent of total
SEE PC 4.3 <i>Virgin/recycled materials</i>	6.1e Degree of recycling of forest products	
	6.1f Supply and consumption/use of nonwood products	See SRR C3 #26 Annual removal of native hay and nonforage plant materials..
See also PC 3.1 <i>National Supply Mix</i>		
SE 2.3 <i>National -net trade balance in energy and mineral commodities</i>		
SE 2.4 <i>National - net income in the mining sector</i>		
E 2.5 <i>National -employment and income in the energy and minerals sectors</i>		

SE 2.6 <i>National -total investment by the mining sector - tangible reproducible capital exploration, research and development, ecosystem enhancement, education and training</i>	6.3a Value of investment, including investment in forest growing, forest health and management, planted forests, wood processing, recreation, and tourism	
SE 2.6.1 <i>Tangible reproducible capital</i>		31. Value of investments in rangeland, rangeland improvements, and recreation/tourism infrastructure
	6.3d Rates of return on investment	32. Rate of return on investments for range livestock enterprises.
SE 2.6.2 <i>Exploration</i>		
SE 2.6.3 <i>Research and development</i>	6.3b Level of expenditure on research and development, and education	
	6.3c Extension and use of new and improved technology	
SE 2.6.4 <i>Ecosystem enhancement, reclamation, and restoration</i>		34. Expenditures (monetary and in-kind) to restoration activities
		33. Number of conservation easements purchased.
SE 2.6.5 <i>Education and training</i>		
SE 2.7 <i>National -mitigation of hazardous mine features</i>		
SE 2.8 <i>National -energy and mineral intensity; use of energy and mineral resources per capita and per \$ GDP</i>	6.1c Supply and consumption of wood and wood products, including consumption per capita	
SE 2.9 <i>National -energy intensity in extraction by sector</i>		
SE 3.1 <i>Social characteristics of nonrenewable resource dependent counties</i>	6.5c Viability and adaptability to changing economic conditions, of forest-dependent communities, including indigenous communities	
		38. Income inequality
		39. Index of social structure quality
		40. Community satisfaction

		42. Presence and tenure of natural resource nongovernmental organizations, at the local level
		44. Employment diversity
		45. Agriculture (ranch/farm) structure - (e.g., part-time, family, corporate)
		46. Years of education
		48. Employment, unemployment, underemployment, and discouraged workers
		49. Land tenure, land use, and ownership patterns by size classes
		50. Population pyramid and population change
		51. Income differentials from migration
		52. Length of residence (native, immigrant more than 5 years, less than 5 years)
		53. Income by work location vs. Residence
		54. Public beliefs, attitudes, and behavioral intentions towards natural resources.
	6.4b Nonconsumptive-use forest values	
SE 3.2 Archeology - # of prehistoric sites eligible for National Historic register within project boundaries	6.4a Area and percent of forest land managed in relation to the total area of forest land to protect the range of cultural, social, and spiritual needs and values	
SE 3.3 Historic - # of historic sites eligible for National Historic register within project boundaries		
SE 3.4 Sacred sites for indigenous peoples		
		35. The threat or pressure on the integrity of cultural and spiritual resource values

