

Land-Use and Ownership of Rangelands

Who owns the United States?

- _____% Private Landowners
- _____% Federal Government
- _____% Tribal Authorities
- _____% County & Local Governments

Where are federal lands located? _____

Which agencies manage federal lands?

- Bureau of Land Management - _____ million acres
- Forest Service - _____ million acres
- Fish and Wildlife Service - _____ million acres
- National Park Service - _____ million acres

How America Uses its Lands – By Dave Merrill and Lauren Leatherby

- <https://www.bloomberg.com/graphics/2018-us-land-use/>
- Croplands take up more than a _____ of the 48 contiguous states. _____ would cover most of the Western U.S.
- Urban areas make up just 3.6 % of the total size of the 48 contiguous states. _____ in 5 Americans live, work and play there. The 10 most productive metropolitan areas alone contributed to about _____% of U.S. GDP in 2016
- U.S. is becoming more urban at an average rate of about _____ additional acres a year.
- The USDA categorizes national parks, wildlife areas, highways, railroads and military bases as _____ areas. The _____ category includes cemeteries, golf courses, marshes, deserts and other areas of “low economic value.”
- More than _____ million acres are park and wilderness areas.
- Agricultural land takes up about a _____ of the country.
- Land used to grow food for Americans is _____ million acres or 20% of agricultural land.
- More than _____ of U.S. land is used for pasture and nearly _____ % of that land is administered by the federal government.
- Between pastures/range and cropland used to produce feed, _____ % of U.S. land in the contiguous states revolves around livestock.
- Forests and timberland constitute a _____ of the contiguous U.S.

Think Globally – Rangelands vs Grazing Lands

- Not all rangeland is grazed by livestock
- Not all land grazed by livestock is rangeland

Pastoralism:

- Own little or no land individually.
- Graze communal or uncontrolled government grazing lands.
- Several hundred million people are pastoralists, mostly in Africa and Asia
- Production high value food resources where crops cannot be grown.

Video about Pastoralism by the FAO: <https://youtu.be/5eJtbsFmoZY>

Ranchers:

- Usually own land – “deeded land”
- Graze mix of public and private grazed land.
- Often generational family ranches.
- Produce livestock at low cost and impact compared to croplands.
- Production and conservation goals.

Video about conservation and ranching : <https://youtu.be/Zf1WbCFRpl8>

Grazing on Public Lands

- Grazing on private lands is wholly integrated with public grazing lands.
- Livestock grazing occurs on:
 - _____% of BLM land
 - _____% of U.S. Forest Service lands
 - _____% of all beef cows in Idaho graze at least part of each year on BLM or USFS lands.

Ranches Preserving Open Space

- Working Landscapes
- Conservation easements to maintain space and conserve habitat.

Video about California Rancher: <https://youtu.be/OfFegsRVmEY>

Effects of subdivision & exurban development

- Fragmentation
- Increased roads & fences
- Introduction of exotic species
- Weeds & ornamental plants
- Cats and dogs
- Wildlife specialists → generalists

Changes 1957 to 1994 in ranches kept intact or subdivided.

	Road Density (mi./sec.)		No. of Buildings (no./sec.)		No. of Rangeland Patches	
	1957	1994	1957	1994	1957	1994
Intact Ranch	0.84	1.08	0.8	0.5	35	49
Sudivided Ranch	0.41	4.55	0.7	9.5	55	411