

Ag Conversion: Lands currently enrolled in GRSG CCAAs and CCAs have restrictions on agricultural conversion, habitat fragmentation, and removing sagebrush. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

Infrastructure: Lands currently enrolled in GRSG CCAAs have restrictions on building infrastructure within of GRSG habitat and require consolidation of existing infrastructure when feasible. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

Fire: Lands currently enrolled in GRSG CCAAs use conservation measures and adaptive management to prevent wildfires and restore sage-grouse habitat following fire events. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

Disease: Lands currently enrolled in GRSG CCAAs reduce disease through mosquito treatment and appropriate placement of water sources. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

Grazing: Lands currently enrolled in GRSG CCAAs reduce grazing impacts through implementation of appropriate grazing management plans (appropriate timing, location, duration, frequency, types of livestock). Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

Free-roaming equids: Lands currently enrolled in GRSG CCAAs reduce equid impacts through implementation of appropriate grazing management plans (appropriate timing, location, duration, frequency, types of livestock). Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon.

**Comment [AB1]:** Dawn – originally, I included sentences with exact acreages, but I think the message got bogged down. If you think more detail on acreages is important, here's some potential language:

"Approximately 370,193 acres are enrolled within sage-grouse occupied range the WY statewide CCAA (0.17 percent [80,557 acres] of MZ I; 0.78 percent [289,636 acres] of MZ II) and approximately 1,858,434 acres are enrolled in CCAAs in Oregon (2.47 percent [954,150 acres] of MZ IV; 4.67 percent [904,284 acres] of MZ V). Approximately 94,854 acres of Federal lands are enrolled in CCAs in Wyoming (0.04 percent [18,107 acres] of MZ I; 0.21 percent [76,747 acres] of MZ II), while approximately 3,517,436 acres of Federal lands are enrolled in CCAs in Idaho and Oregon (3.13 percent [1,208,145 acres] of MZ IV; 4.67 percent [2,309,291 acres] of MZ V)."

Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Invasive Plants:** Lands currently enrolled in GRSG CCAAs include restrictions on planting and introduction of invasive species and require control and treatment of existing and newly documented invasive species. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Urbanization:** Lands currently enrolled in GRSG CCAAs restrict habitat fragmentation and removing sagebrush, thereby reducing risk of urbanization. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Conifer Encroachment:** Lands currently enrolled in GRSG CCAAs require removing undesirable conifers/junipers encroaching into sage-grouse habitats. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Isolated/Small Populations:** Lands currently enrolled in GRSG CCAAs restrict habitat fragmentation and reduce other threats to sage-grouse, thereby decreasing risks associated with isolated/small populations. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Recreation:** Lands currently enrolled in GRSG CCAAs restrict human activities within sage-grouse habitat during lek and nesting seasons. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Renewable Energy:** Lands currently enrolled in GRSG CCAAs restrict habitat fragmentation and removing sagebrush, thereby limiting renewable energy in and near sage-grouse habitat. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V

V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Non-Renewable Energy:** Lands currently enrolled in GRSG CCAAs typically have split-estate development and therefore surface owners have limited control of non-renewable energy development. If energy development on lands enrolled in CCAAs, the landowner is required to attempt to negotiate with the energy developer to reduce impacts to sage-grouse and their habitat, however, energy development may still occur. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Predation:** Lands currently enrolled in GRSG CCAAs have requirements to remove predator attractants and perches. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Fences:** Lands currently enrolled in GRSG CCAAs have restrictions on building new fences in or near sage-grouse habitat and require relocating or marking existing fences. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Contaminants:** Source activities for contaminants may be limited on lands enrolled in GRSG CCAAs, as GRSG CCAAs restrict agricultural conversion, habitat fragmentation, and removing sagebrush. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon. Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.

**Mining:** Lands currently enrolled in GRSG CCAAs typically have split-estate development and therefore surface owners may have limited control of mining development. If mining occurs on lands enrolled in CCAAs, the landowner is required to attempt to negotiate with the mining operator to reduce impacts to sage-grouse and their habitat. Approximately 0.17 percent of occupied range in MZ I, 0.78 percent of MZ II, 2.47 percent of MZ IV, and 4.67 percent of MZ V are enrolled in CCAAs in Wyoming and Oregon.

Federal lands enrolled in CCAs in Wyoming, Oregon, and Idaho account for 0.04 percent of occupied range in MZ I, 0.21 percent of MZ II, 3.13 percent of MZ IV, and 4.67 percent of MZ V. See Conservation Efforts section and Table X for approximate acreages and additional information.