West-wide Adaptive
Wild Sheep Disease Management Venture (DMV)
Summary of Candidate Herd Survey by Jurisdictions
Number of Possible Candidate Herds by Jurisdiction

- Yukon
- WY
- WA
- UT
- TX
- SD
- OR
- NV
- NM
- NE
- ND
- ID
- CA
- BC
- AZ

Number of Herds
Records by Subspecies

- California: 35 records
- Dall: 3 records
- Desert: 32 records
- Peninsular, Desert: 6 records
- Rocky Mountain: 5 records
- Sierra Nevada: 4 records
- Stone: 18 records
Native vs. Reintroduced Herds

- Native: 55
- Reintroduced: 48
Records by Old Herd Categories

- Healthy herd but at high risk of disease: 24
- Healthy herd, low risk of disease: 14
- M. ovi positive, poor herd performance since die-off: 2
- M. ovi positive, but no disease event detected: 2
- M. ovi positive, die-off but then recovery: 4
- M. ovi positive, no documented die-off, continued poor herd performance: 29
- Mixed clean/m.ovi positive bighorn: 2
- Movi positive, poor lamb recruitment some yrs: 1
- Unknown M. ovi exposure, experienced die-off, continued poor herd performance: 21
Would Consider Various Adaptive Management Actions

- 11 Augmentation with Known M. ovi Strain
- 9 Augmentation with Known M. ovi Strain, Test and Cull
- 8 Test and Cull
- 5 Augmentation with Known M. ovi Strain, Test and Cull, Depopulation
- 1 Depopulation
Test for M. ovi. with ELISA

- 2 or more times: 48
- None: 32
- Once: 23
Test for M. ovi. with PCR

- 56: 2 or more times
- 25: Once
- 22: None
Oral Swabs for Pasteurellaceae

- 2 or more times: 43
- None: 37
- Once: 23
Test for Leukotoxins

No: 55
Yes: 46
Additional Annual Funding for Monitoring

- 36 > $20,000
- 37 > $20,000
- 21 < $20,000
- None