

**OPTIONS FOR GHG EMISSIONS FORECASTING
IN MONTANA'S TRANSPORTATION AND LAND USE SECTOR**

| | Annual Growth Rates | | | |
|---|---------------------|-----------|-----------|-----------|
| | 2002-2005 | 2005-2010 | 2010-2015 | 2015-2020 |
| CO₂ Emissions Projection Options | | | | |
| AEO2006 | | | | |
| Gasoline | 1.02% | 1.81% | 1.97% | 1.94% |
| Diesel | 3.42% | 3.27% | 2.37% | 2.21% |
| AEO2006 adjusted by population | | | | |
| Gasoline | -0.20% | 0.89% | 0.95% | 0.77% |
| Diesel | 2.17% | 2.33% | 1.35% | 2.59% |
| WRAP VMT adjusted by fuel efficiency | | | | |
| Gasoline | 1.58% | 1.35% | 1.52% | 2.03% |
| Diesel | 3.69% | 3.42% | 3.13% | 2.64% |
| CH₄ and N₂O Emission Projections | | | | |
| WRAP VMT | | | | |
| Gasoline | 2.26% | 2.26% | 2.48% | 2.48% |
| Diesel | 2.10% | 2.11% | 2.33% | 2.34% |
| Diesel | 3.82% | 3.60% | 3.71% | 3.51% |