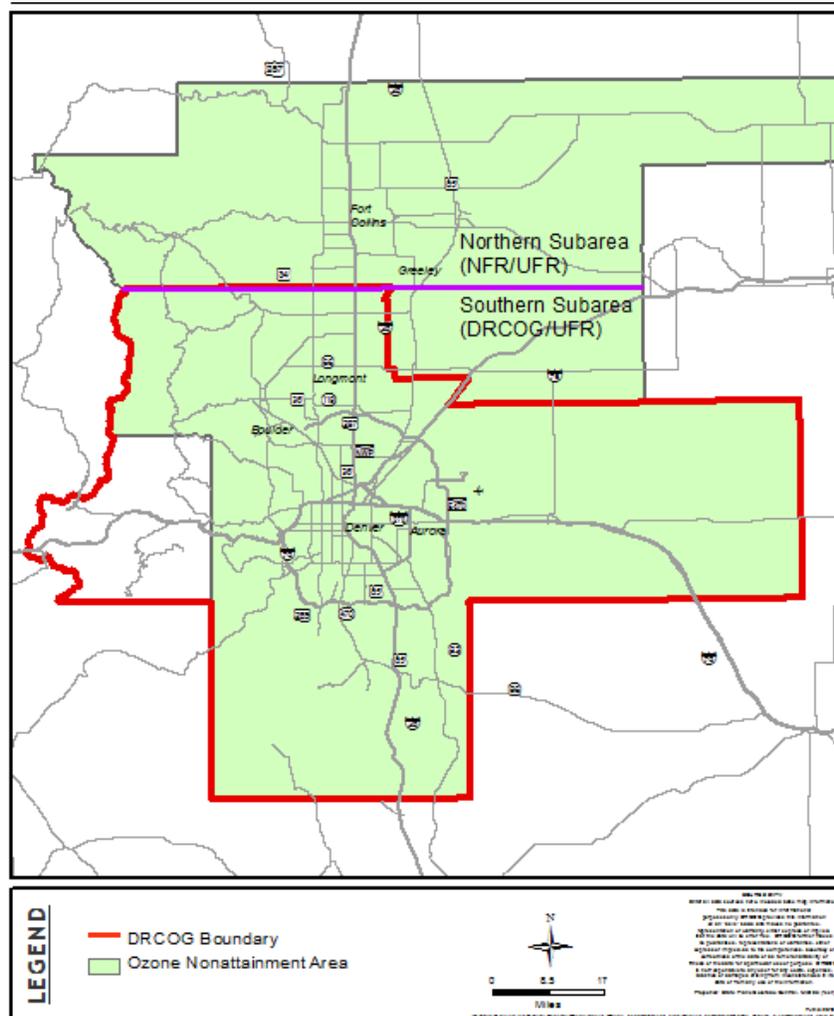


Due to the reclassification to a Moderate nonattainment area in 2016, additional planning requirements were triggered including the requirement to submit updated MVEBs for the 2017 attainment year. Following the same approach as under the 1997 ozone NAAQS, the Moderate Area Ozone SIP set new MVEBs for the northern and southern subareas found in Table 1. The new budgets are significantly lower than the MVEBs for the 1997 ozone NAAQS. By meeting the new budgets, the DM/NFR nonattainment area also demonstrates conformity with the 2008 SIP MVEBs (1997 ozone standard). These budgets were submitted to EPA in May 2017 as part of the SIP package for the 2008 Ozone NAAQS. EPA is expected to find these budgets adequate on or around March 15, 2018. This determination is based on final EPA action occurring.

Figure 1

Denver Metro/North Front Range Ozone Nonattainment Area and Subareas



Emission Test Results

The results of the Denver Southern Subarea emissions tests by year are reported in Table 4. The emissions estimates were generated by APCD using the transportation inputs from DRCOG's travel demand models and the MOVES emissions model. The 8-hour ozone conformity analysis was performed and is reported for the years 2020, 2030, and 2040, which meet the requirements for the staging years specified in 40 CFR 93.118. The test results do not indicate any failures in the reporting years of the program or plan that would lead to a finding of non-conformity for the 2016 SIP Budgets (2008 Ozone Standard) or the 2008 SIP Budgets (1997 Ozone Standard). Therefore, conformity is demonstrated for the Denver Southern Subarea.

Table 4

8-Hour Ozone Conformity for Denver Southern Subarea (Emission Tons per Day)

	2008 SIP Budgets (1997 Ozone Standard)	2016 SIP Budgets (2008 Ozone Standard)	2040 RTP Modeling			
			2020 Emissions	2030 Emissions	2040 Emissions	Pass/Fail
Volatile Organic Compounds (VOC)	89.7	47	40	27	21	Pass all tests
Oxides of Nitrogen (NOx)	102.4	61	46	24	16	Pass all tests

Summary of 8-hour Ozone Conformity Findings for the Denver Southern Subarea

Based on the quantitative conformity analysis, the DRCOG staff has determined conformity is demonstrated for the DRCOG 2040 MVRTP, UFR 2040 RTP, and the regionally significant projects funded in the DRCOG 2018-2021 TIP and 2018-2021 STIP within the Denver Southern Subarea associated with the 2008 8-hour ozone standard for the Denver Southern Subarea. Appendix C of this conformity determination includes more information on the transportation and demographic assumptions used in this emissions analysis.