§ 75-0105. Statewide greenhouse gas emissions report.

1. No later than two years after the effective date of this article, and each year thereafter, the department shall issue a report on statewide greenhouse gas emissions, expressed in tons of carbon dioxide equivalents, from all greenhouse gas emission sources in the state, including the relative contribution of each type of greenhouse gas and each type of source to the statewide total.

2. The statewide greenhouse gas emissions report shall be a comprehensive evaluation, informed by a variety of data, including but not limited to:

a. information relating to the use of fossil fuels by sector, including for electricity generation, transportation, heating, and other combustion purposes;

b. information relating to fugitive and vented emissions from systems associated with the production, processing, transport, distribution, storage, and consumption of fossil fuels, including natural gas;

c. information relating to emissions from non-fossil fuel sources, including, but not limited to, garbage incinerators, biomass combustion, landfills and landfill gas generators, and anaerobic digesters;

d. information relating to emissions associated with manufacturing, chemical production, cement plants, and other processes that produce non-combustion emissions;

e. information from sources that may be required to participate in the registration and reporting system pursuant to subdivision four of this section; and

f. carbon dioxide emissions from biogenic sources shall be reported separately, consistent with treatment of biogenic carbon dioxide emissions under the methodologies of the Intergovernmental Panel on Climate Change.

3. The statewide greenhouse gas emissions report shall also include an estimate of greenhouse gas emissions associated with the generation of imported electricity and with the extraction and transmission of fossil fuels imported into the state which shall be counted as part of the statewide total.

4. Within one year after the effective date of this article, the department shall consider establishing a mandatory registry and reporting system from individual sources to obtain data on greenhouse gas emissions exceeding a particular threshold. If established, such registry and reporting system shall apply a consistent reporting threshold to ensure the unbiased collection of data.

5. The statewide greenhouse gas emissions report shall also include an estimate of what the statewide greenhouse gas emissions level was in 1990.

6. The statewide greenhouse gas emissions report shall utilize best available science and methods of analysis, including the comparison and reconciliation of emission estimates from all sources, fuel consumption, field data, and peer-reviewed research.

7. The statewide greenhouse gas emissions report shall clearly explain the methodology and analysis used in the department's determination of greenhouse gas emissions and shall include a detailed explanation of any changes in methodology or analysis, adjustments made to prior estimates, as needed, and any other information necessary to establish a scientifically credible account of change.

8. The department shall hold at least two public hearings to seek public input regarding the methodology and analysis used in the determination of statewide greenhouse gas emissions, and periodically thereafter.