

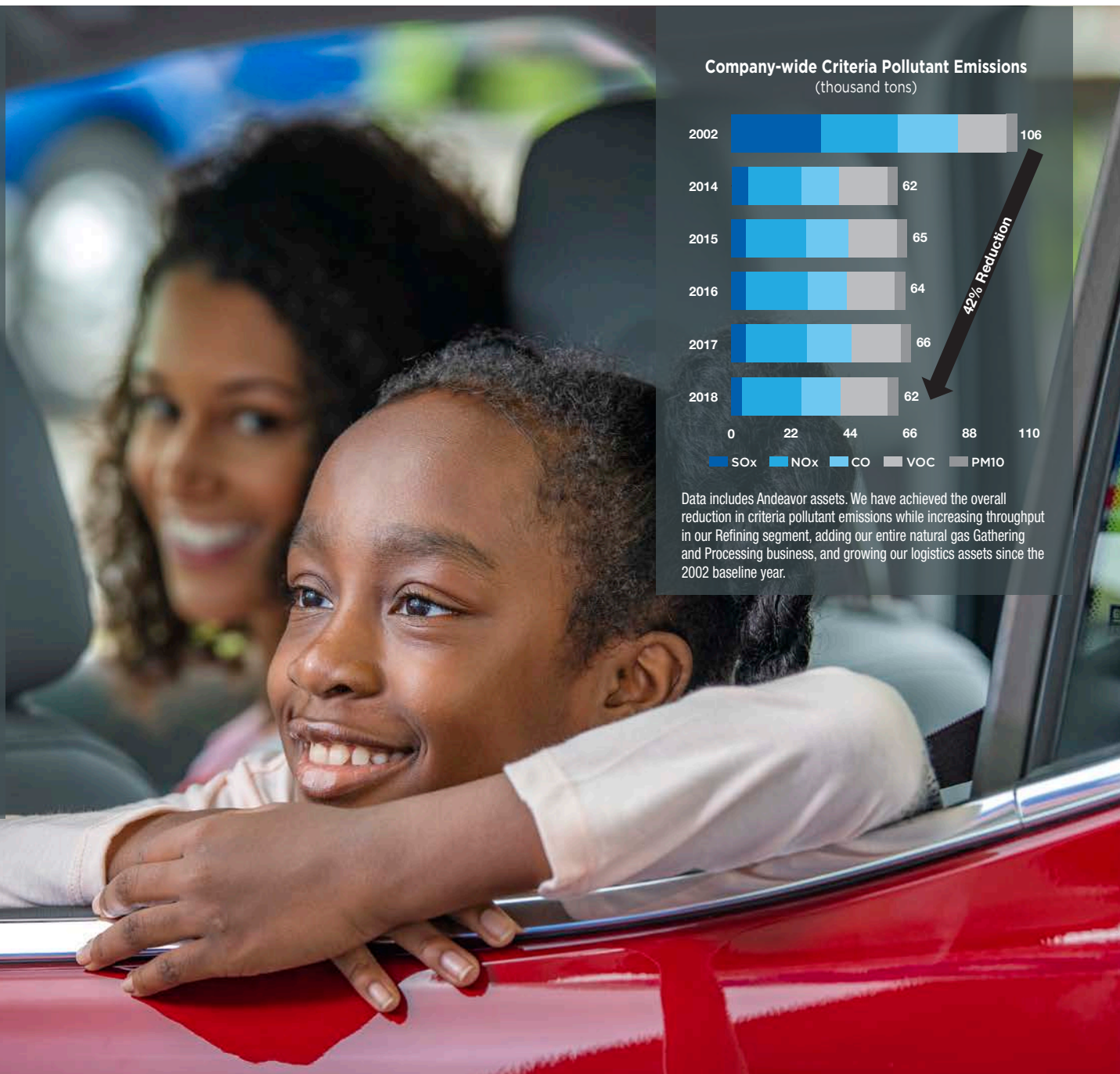
## AIR QUALITY AND EMISSIONS

Air quality is important to our business and our stakeholders, including the local communities where we operate. We are committed to implementing programs and strategies that improve air quality. Since 2002, our facilities reduced emissions of criteria pollutants (six pollutants defined and tracked by the U.S. EPA) by 42% - more than 44,000 tons. In 2018, we continued this trend. Criteria pollutants we track and report include sulfur dioxide, nitrogen oxides, carbon monoxide, volatile organic compounds (VOC) and particulate matter.

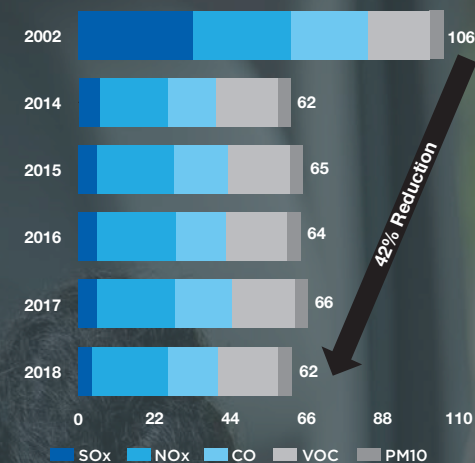
### Air Emissions

Air emissions are a byproduct of crude oil refining and gas-processing operations and are also generated at logistics facilities in loading, unloading, transporting and storing crude oil and refined products. We monitor, track and report our emissions in accordance with federal and state laws and regulations. We have also implemented a variety of programs and projects to reduce air emissions and improve air quality.

We have invested over \$1 billion since 2002 to achieve our criteria pollutant emissions reductions. We are also making ongoing improvements within our natural gas gathering and processing operations designed to further reduce emissions.



Company-wide Criteria Pollutant Emissions (thousand tons)



Data includes Andeavor assets. We have achieved the overall reduction in criteria pollutant emissions while increasing throughput in our Refining segment, adding our entire natural gas Gathering and Processing business, and growing our logistics assets since the 2002 baseline year.