



City of
**Mountain
View**

Final 2021 and Preliminary 2022 Community GHG Emissions Inventories

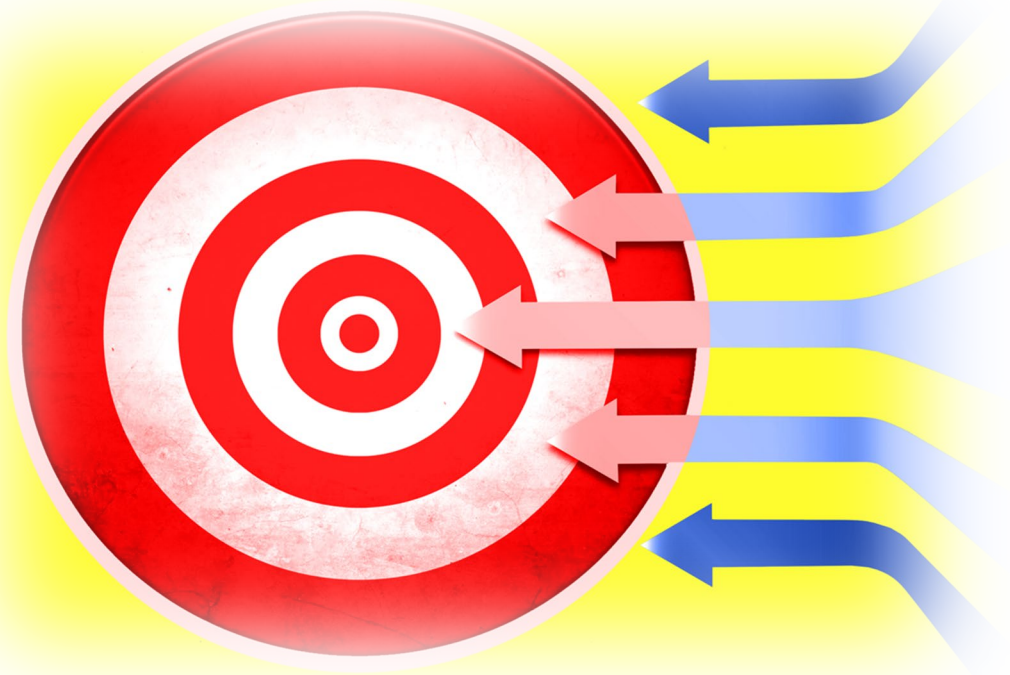
Council Sustainability Committee: April 16, 2024

- Conduct community inventory annually
- Estimate Greenhouse Gas (GHG) emissions and their sources
- Evaluate if we are on track to meeting our reduction targets
- Doesn't measure all emissions nor reflect all local GHG reductions from policy and programs implemented



- **Less travel** resulted in **lower transportation emissions for 2020-2022**
- Trend is unlikely to continue long-term
- The 2023 inventory will provide more insight on the “new normal” post-pandemic

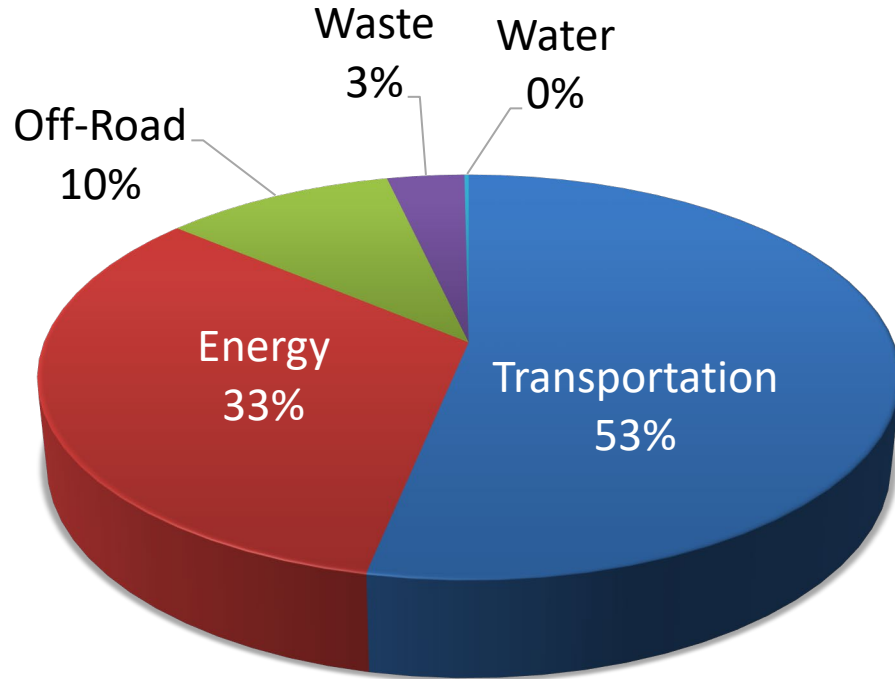




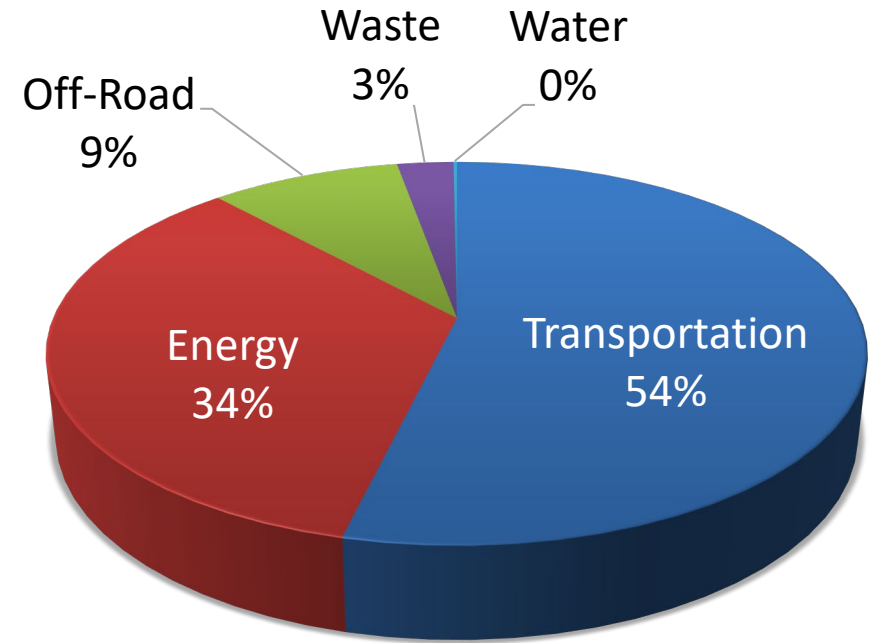
- Current adopted targets are to reduce emissions **80% below 2005 levels by 2050**
- Council adopted resolution to be **carbon neutral by 2045**
- CSC expressed support for striving for **decarbonization by 2035**

- Prepared using national standard – “U.S. Community Protocol”
- Measures:
 - Energy used
 - Water consumed & treated
 - Organic waste landfilled
- Estimates:
 - On-road transportation
 - Off-road mobile equipment



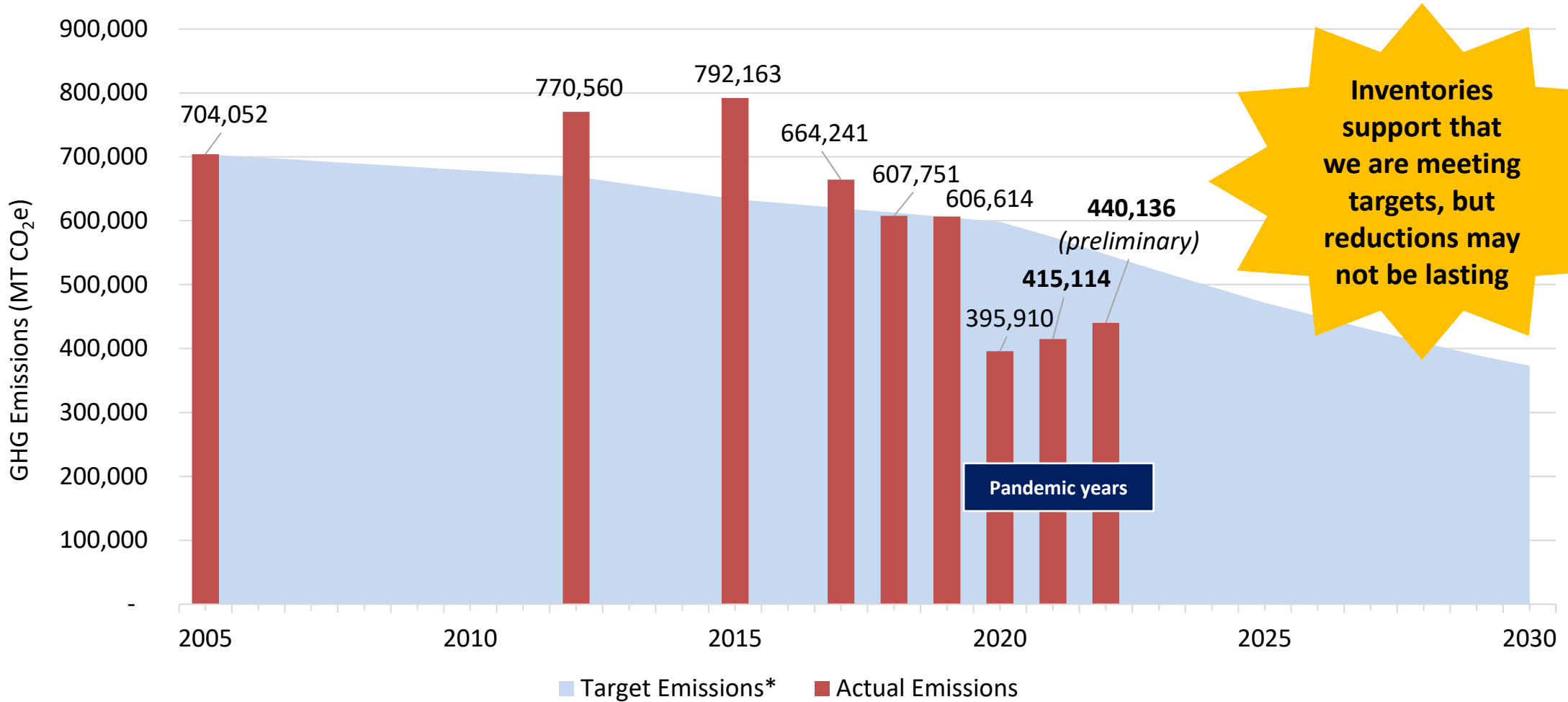


2021 Final: 415,114 MT CO₂e



2022 Preliminary: 440,136 MT CO₂e

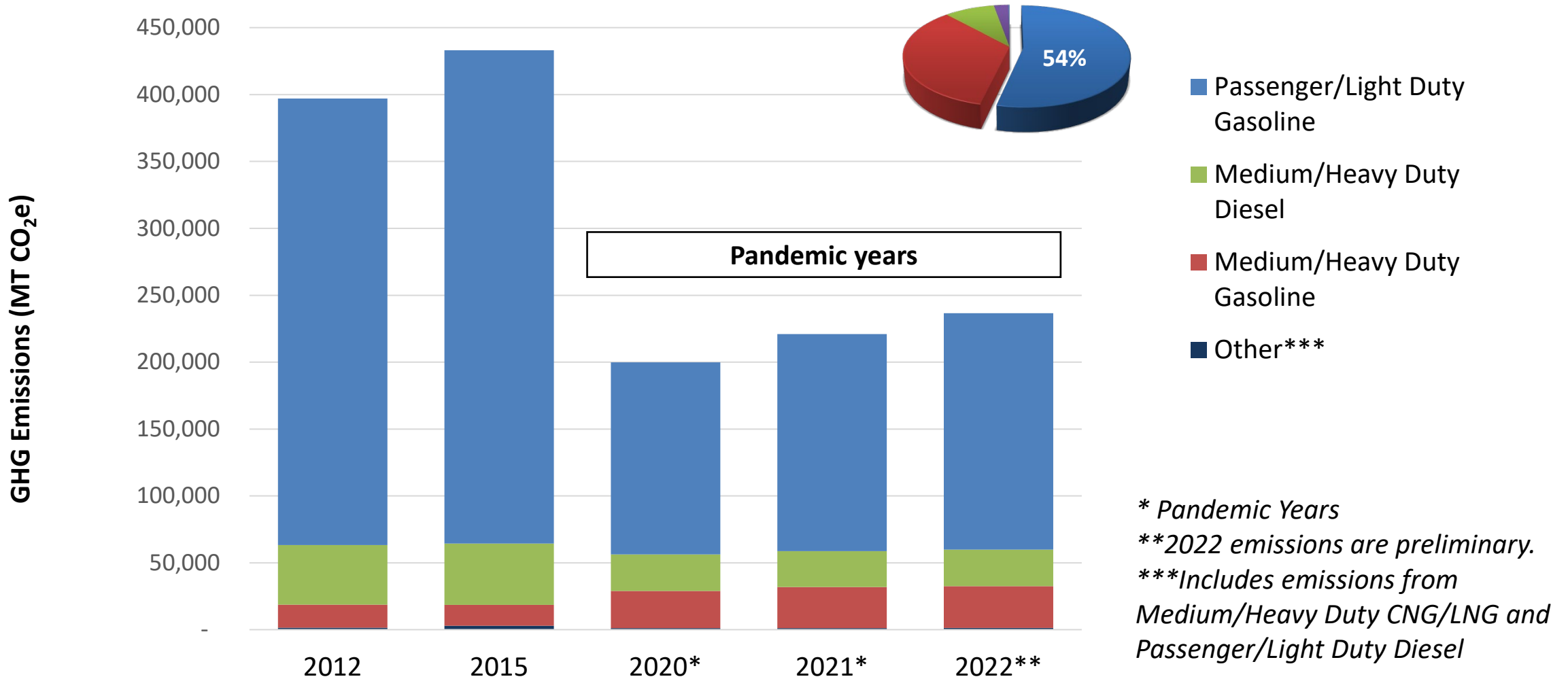
Emissions vs. Reduction Targets



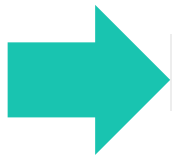
Inventories support that we are meeting targets, but reductions may not be lasting

Pandemic years

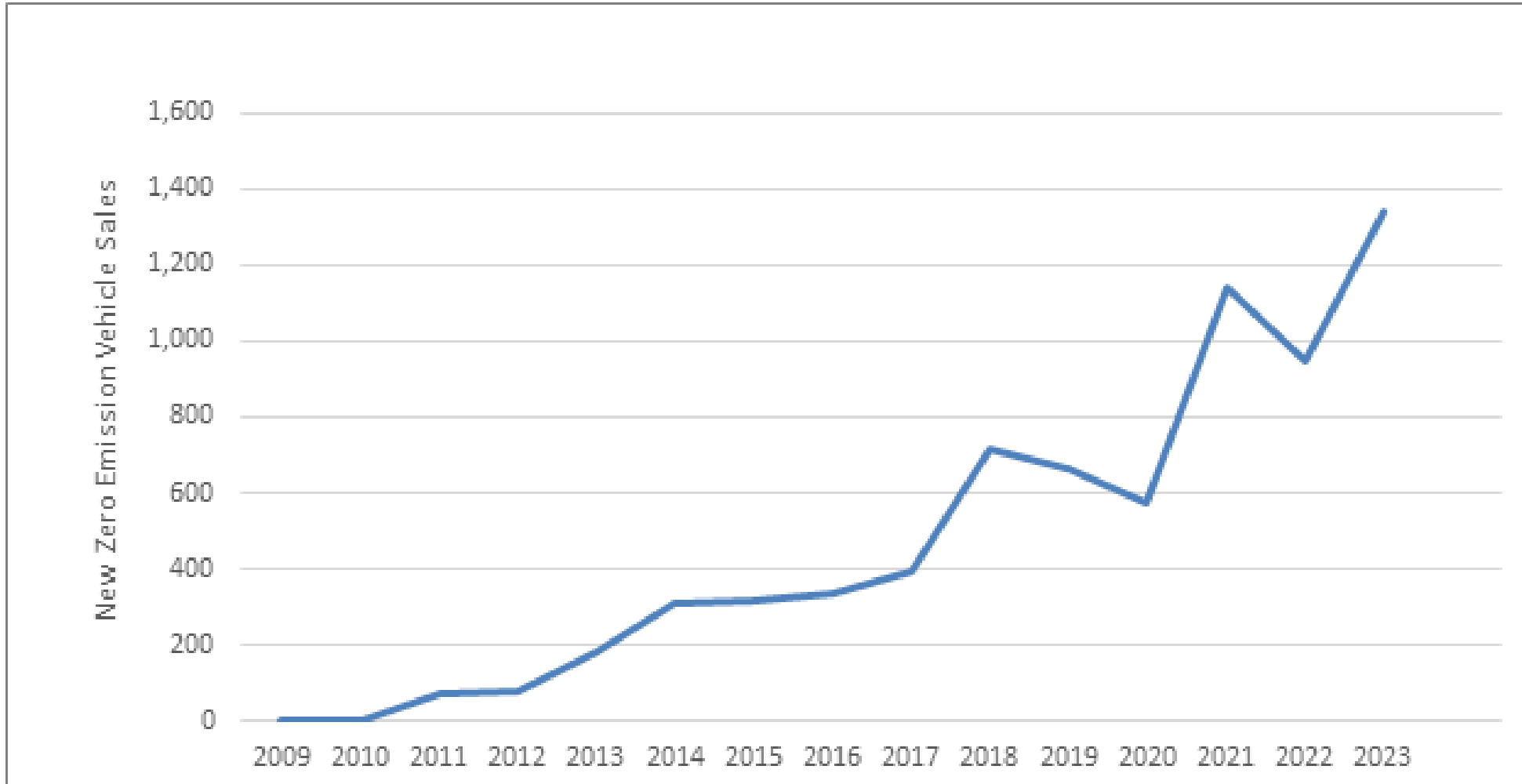
*Shows upper end of target range for 2016-2020.

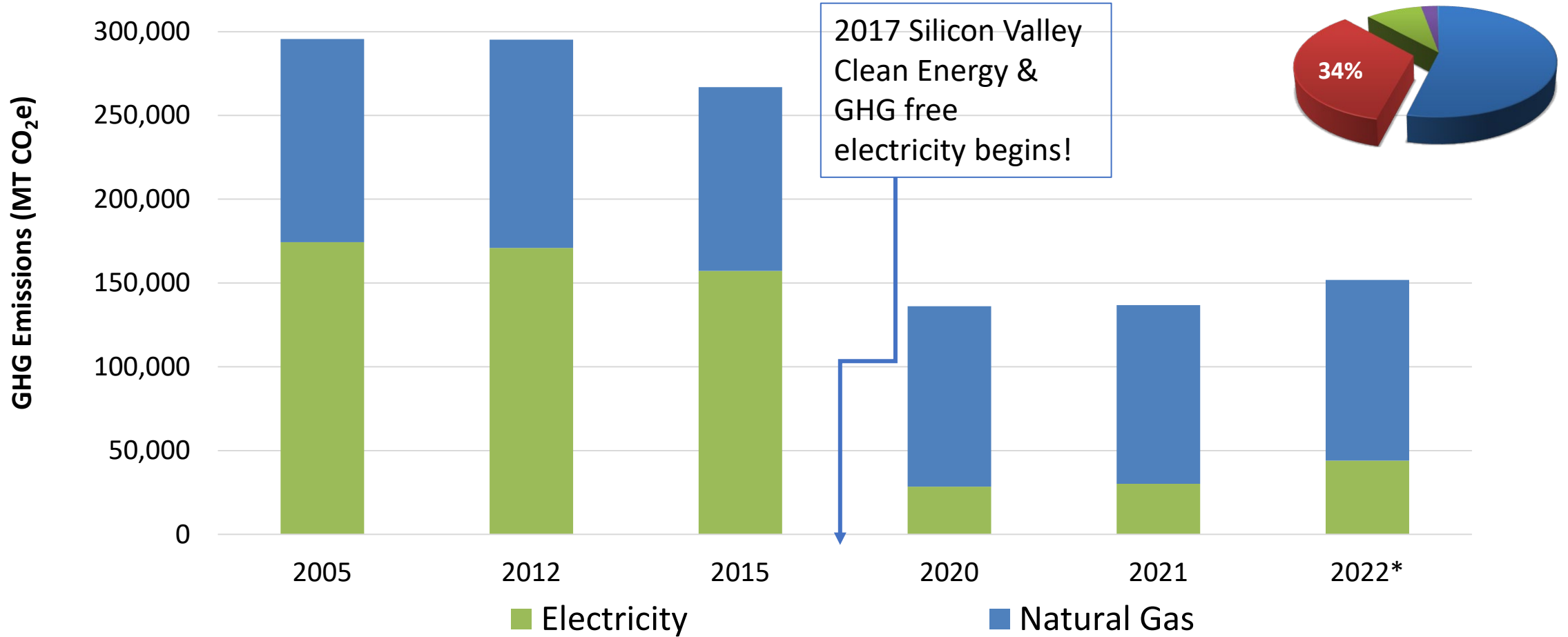


Means of Transportation to Work	2015	2021	2022
Drove alone	73.4%	34.4%	53.2%
Carpooled	6.0%	4.1%	4.5%
Public transportation	5.3%	2.0%	2.1%
Walked	2.7%	3.5%	3.2%
Bicycle	7.2%	4.5%	5.6%
Taxicab, motorcycle, or other means	1.9%	1.0%	1.2%
<u>Worked from home</u>	<u>3.4%</u>	<u>50.5%</u>	<u>30.2%</u>
Total	100%	100%	100%



ZEV Sales in Mountain View Zip Codes





**2022 emissions are preliminary.*



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Thank You