

**Table 1 Transportation Sector Scenario Summary**

**Light duty vehicles transition to battery electric technology**

Parameter	Year	Reference	Scenario 2	Scenario 3	Scenario 4
ZEV New Sales	2030	19%	90%	98%	98%
	2035	27%	100%	100%	100%
Early Retirements	2030			10%	10%
ZEV Stocks	2030	5%	21%	26%	26%
	2050	34%	95%	95%	95%

**Medium and heavy-duty vehicles are slower to transition, and rely on a combination of battery electric and hydrogen fuel cell technologies**

Parameter	Year	Reference	Scenario 2	Scenario 3	Scenario 4
MDV New Sales	2030	7%	40%	50%	50%
	2045	27%	100%	100%	100%
HDV New Sales	2030		DNR	40%	40%
	2045		DNR	100%	100%
BEV & HFCV Split	MDV	DNR	50/50	75/25	75/25
	HDV	DNR	25/75	50/50	50/50
ZEV MHDV stocks	2030	1%	7%	9%	9%
	2050	17%	76%	85%	85%

**Reduction in vehicle miles travelled due to greater ambition in transit, transportation demand management, telework, mixed-use development, and complete streets policies drives emission reductions**

Parameter	Year	Reference	Scenario 2	Scenario 3	Scenario 4
VMT Reduction	2035	DNR	6%	DNR	5%
	2050	DNR	6%	DNR	5%

**Aviation**

Parameter	Year	Reference	Scenario 2	Scenario 3	Scenario 4
Electric short-haul	2050	DNR	DNR	DNR	16%
Hydrogen aviation	2050	DNR	DNR	DNR	50%