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# California Plug-in Electric Vehicle (PEV) Registration Trends & Analysis

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#### Notes about the following slides

- EV = electric-drive vehicle = HEVs + PEVs + FCEVs
  - HEVs = gasoline-only hybrid EVs (aka "hybrids")
  - FCEVs = fuel-cell EVs
  - PEVs = plug-in electric vehicles (aka "plug-ins") = BEVs + PHEVs
    - BEVs = all-battery EVs (aka "all-electric")
    - PHEVs = plug-in hybrid EVs (aka "plug-in hybrids")
- CA = California
- Data presented for 11 models described herein only. Also excludes low-speed/neighborhood-electric and medium-/heavy-duty vehicles
- Figure legend order reflects sequence of vehicle introduction.
- Calculations based on PEV vehicle registration data from R&L Polk & Co.

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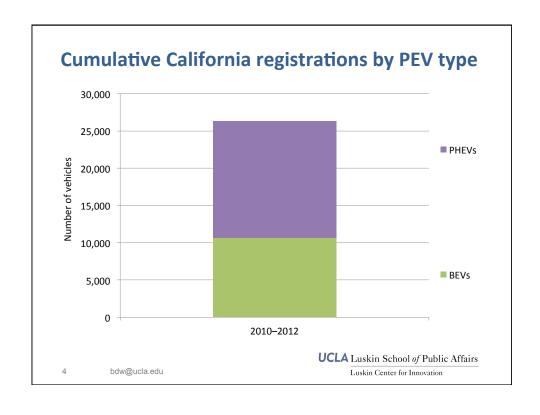
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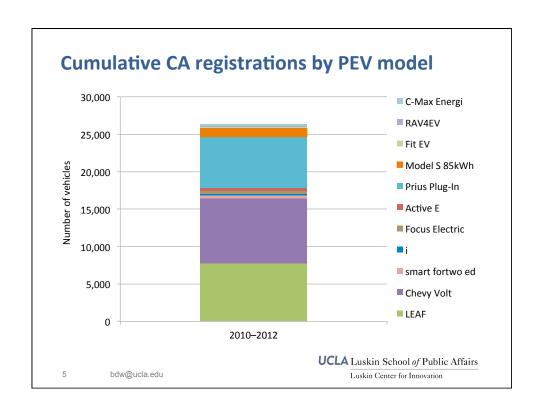
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## Where are we with PEVs?

Cumulative California registrations





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#### What does the market look like?

Market share Registration-weighted average characteristics

## California PEV market share (in order of vehicle release)

Model	Tuno	Share of CA reg. thru '12	Share of U.S. sales thru '12	CA reg. share of U.S. sales thru '12
	Туре			
LEAF	BEV	29%	27%	40%
Chevy Volt	PHEV	33%	44%	28%
smart fortwo ed	BEV	2%	1%	82%
i	BEV	1%	1%	22%
Focus Electric	BEV	2%	1%	65%
Active E	BEV	2%	1%	47%
Prius Plug-In	PHEV	26%	18%	53%
Model S 85kWh	BEV	5%	3%	52%
Fit EV	BEV	0%	0%	90%
RAV4EV	BEV	0%	0%	63%
C-Max Energi	PHEV	1%	3%	10%
BEVs		41%	35%	43%
PHEVs		59%	65%	34%
PEVs		100%	100%	37%

Based on revenues from base MSRP multiplied by the number of vehicles sold, California PEVs are a \$1 billion market, and the Volt is a \$0.3 billion product.

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