



ALLIANCE
FOR AUTOMOTIVE
INNOVATION

Ready to Launch

Autonomous Vehicles in the U.S.

Tracking the current (and future) AV landscape

December 2022

Here to Stay: Autonomous Vehicles in the U.S.

Alliance for Automotive Innovation surveyed the entire autonomous vehicle landscape. We found a thriving AV industry in the United States and huge progress on autonomous technology in many states.

Among the findings?

- 84 AV companies in 30 states and 120 cities;
- Nearly 170 autonomous technology programs operating in Michigan, Washington, Arizona, Texas, Florida and Pennsylvania among other states.
- AVs regularly move passengers in San Francisco, Phoenix and Las Vegas; deliver goods in Houston; and transport freight across the southwest.

The question on everyone's mind: When will AVs be on roads in large numbers?

The biggest obstacle to achieving that kind of scale is not technology and not a lack of corporate investment. We found numerous announced AV partnerships in this report.

Government is the biggest obstacle.

A federal regulatory framework with oversight and a commitment to move beyond testing to more (and faster) commercial deployment is what's needed now.

Policymakers should:

- Update existing motor vehicle rules to accommodate AVs;
- Raise the cap on the number of AVs able to operate at a time; and
- Launch a national AV pilot or demonstration program.

The longer it takes to get that regulatory structure in place, the more skittish (and less patient) AV developers are going to get. Even if the U.S. government doesn't get its act together, AV technology isn't going away. Global AV leadership will migrate to China and other nations setting the right conditions to make AVs more available.



On top of the safety benefits, AVs provide accessible transportation options for seniors and individuals with disabilities and a way to reduce traffic congestion and create new jobs.

A federal framework with safeguards, oversight, rules, regulation – and mostly a degree of predictability and certainty for the market – will release the power and potential of AVs.

A handwritten signature in black ink that reads "John Bozzella". The signature is stylized and cursive.

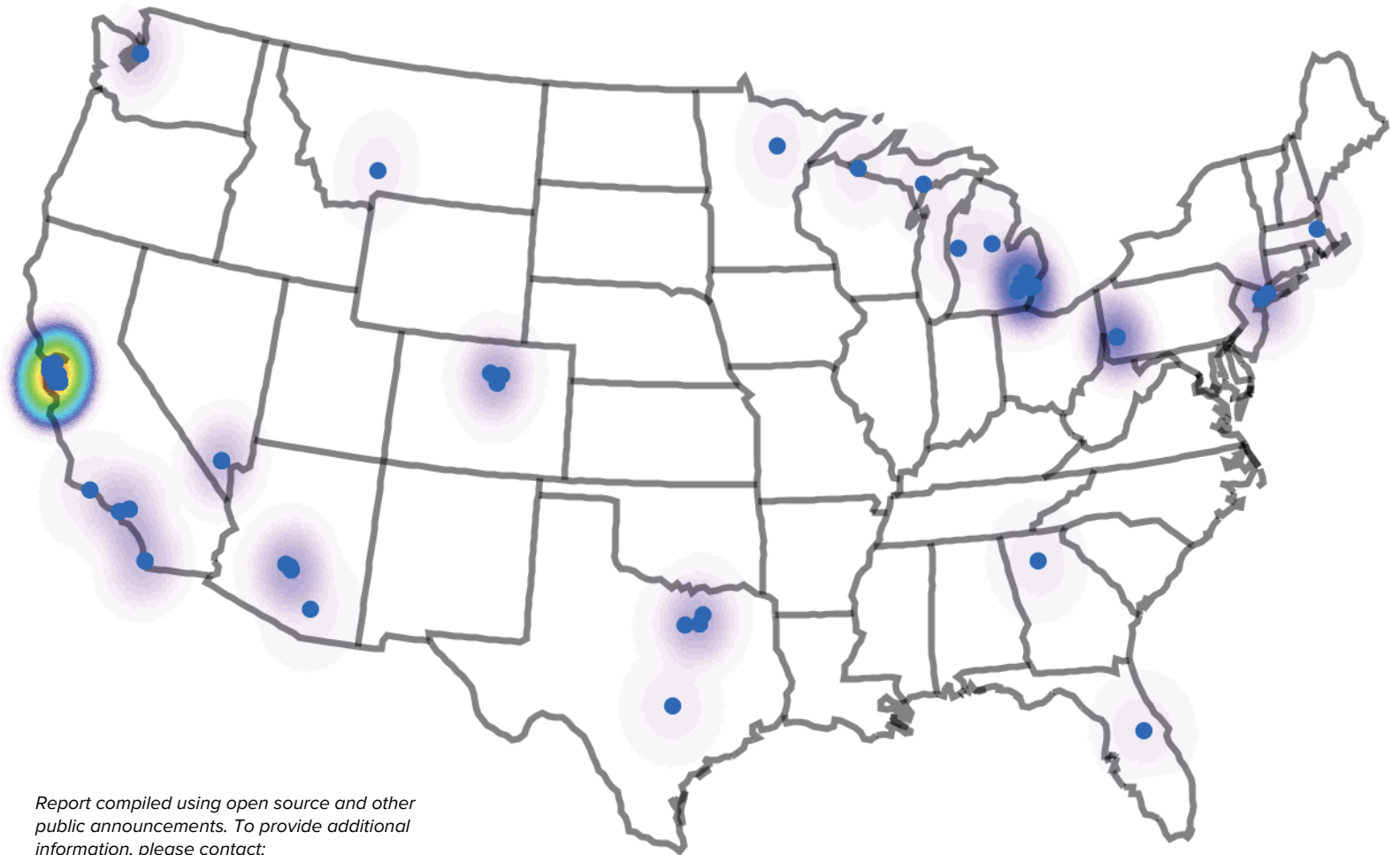
John Bozzella
President and CEO
Alliance for Automotive Innovation

AV Companies in U.S.

69
Companies

112
Facilities

16
States



Report compiled using open source and other public announcements. To provide additional information, please contact: press@autosinnovate.org. Please include "AV Report" in the subject line.

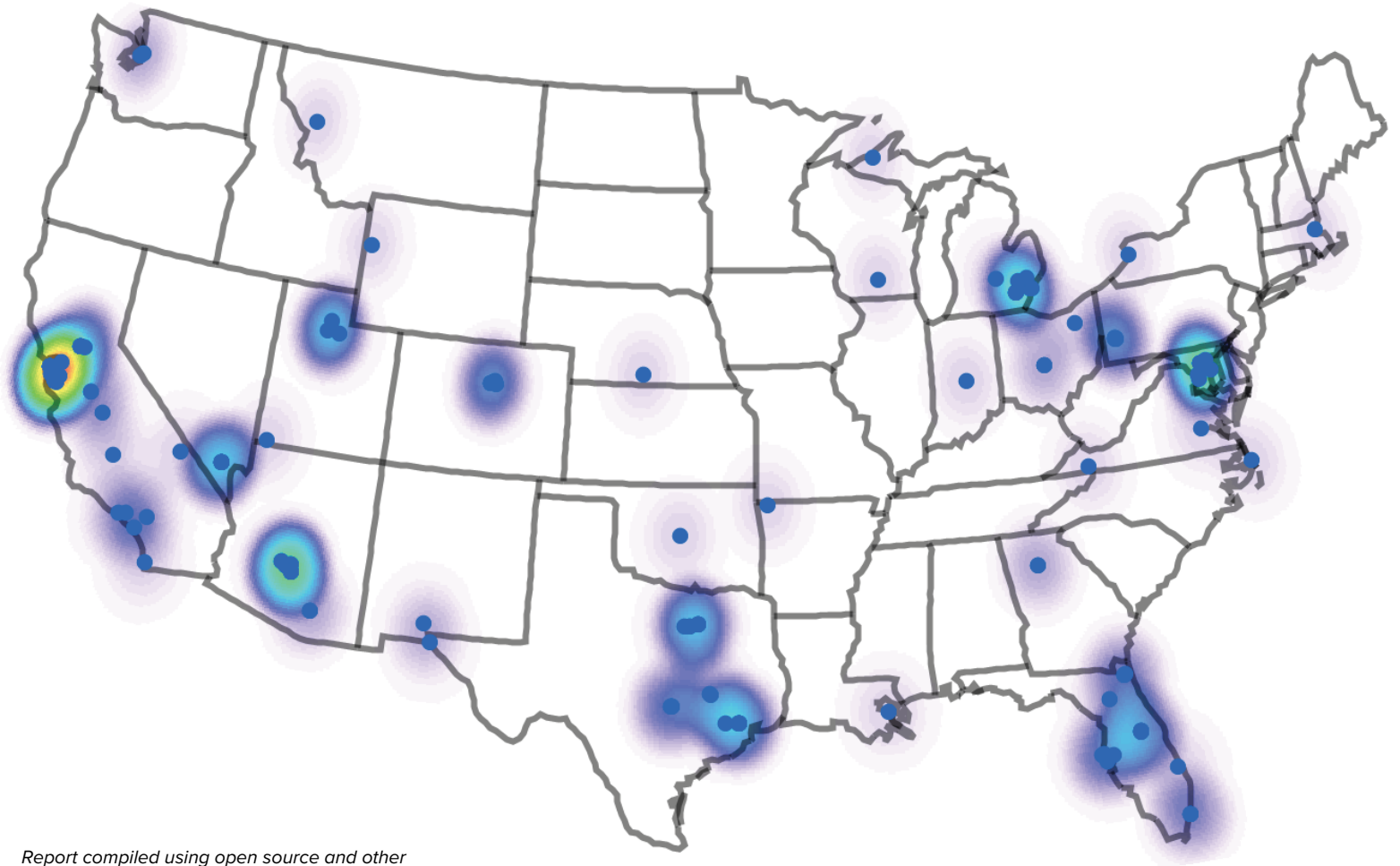
**See Appendix A*

On-Road AV Operations in U.S.

40
Companies

167
Programs

27
States



Report compiled using open source and other public announcements. To provide additional information, please contact: press@autosinnovate.org. Please include "AV Report" in the subject line.

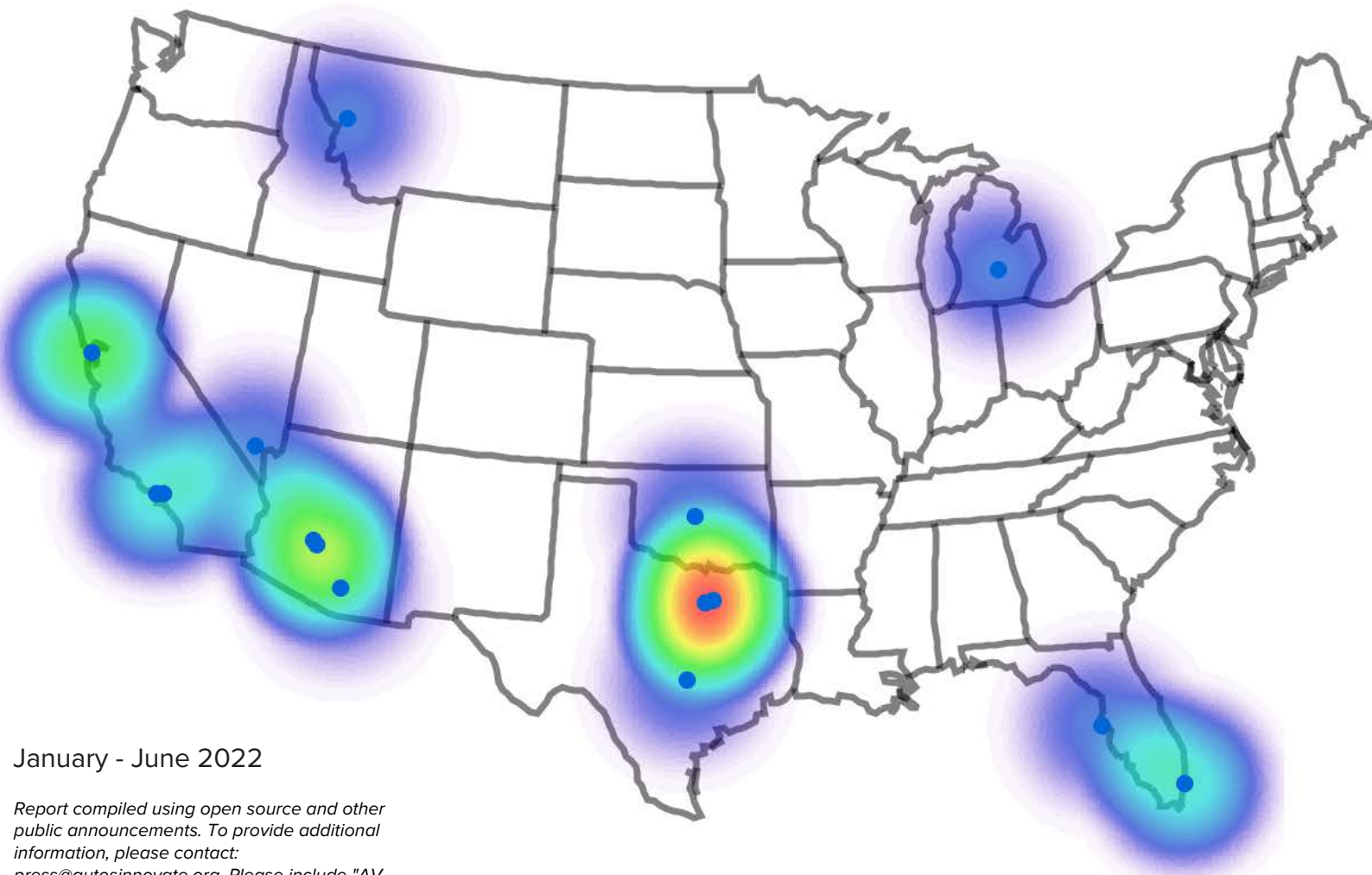
**See Appendix B*

New in 2022: On-Road AV Programs in U.S.

22
Programs

15
Cities

8
States



January - June 2022

Report compiled using open source and other public announcements. To provide additional information, please contact: press@autosinnovate.org. Please include "AV Report" in the subject line.

**See Appendix C*

Autonomous Vehicle Company Activity

January - June 2022

Company	Activity Type	Month Announced	Program/Announcement Description	Additional Information
ADASTEC CORP	Testing	May	Michigan State University has debuted its electric, autonomous bus after months of trial runs. . . . The autonomous bus project is a collaboration between the state of Michigan, bus manufacturer Karsan and Detroit-based automotive software engineering firm ADASTEC.	Learn More
Apex.AI	Partner	May	Apex.AI announced that it received a strategic minority investment from Daimler Truck	Learn More
Argo AI, LLC	R&D Facility	Feb	Argo AI announced the opening of a new engineering and development office in Los Angeles.	Learn More
Argo AI, LLC	R&D Facility	Apr	Argo AI is establishing a new test facility in South Carolina. The \$2.6 million investment in Greenville County is expected to create 40 new jobs.	Learn More
Argo AI, LLC	Testing	May	Argo AI announced the start of driverless testing in Austin, TX.	Learn More
Argo AI, LLC	Testing	May	Argo AI announced the start of driverless testing in Miami, FL.	Learn More
Aurora	Partner	Feb	Aurora is teaming up with freight carrier U.S. Xpress to study the best ways to find commercial applications for the technology as shippers contend with a driver shortage and supply-chain snags. As part of the collaboration Aurora will gather data from Variant, U.S. Xpress' digital platform, to study where and on what types of routes its AI-enabled driving system could be deployed most effectively.	Learn More
Aurora	Partner	May	Aurora and Covenant Logistics Group, Inc. announced a collaboration to explore ways to optimize Covenant's long-haul operations with Aurora's autonomous trucking product.	Learn More
Aurora	Product & Program Announcement	Mar	Aurora Innovation, Inc. has launched Aurora Driver Beta 2.0, the second release of its integrated hardware and autonomy system.	Learn More
Aurora	R&D Facility	Jun	Aurora expands presence in the City of Bozeman, MT with a brand new 78,000 square foot R&D facility to build future generations of FirstLight Lidar to support commercial fleets.	Learn More
Aurora	Testing	Mar	Aurora Innovation is launching a small test fleet of custom-designed self-driving Toyota Siennas for future ride-hail operations. The company will test its vehicles on highways and suburban streets in the Dallas-Fort Worth, Texas area, with a focus on high-speed routes.	Learn More
Aurora	Testing	Apr	Aurora and Werner Launch Commercial Pilot to Autonomously Haul Freight in Texas	Learn More
Beep	Testing	Jan	Through April 2022, the City of Peoria, Beep and the Maricopa Association of Governments (MAG) will be testing an autonomous shuttle service called, RoboRide Medical, as part of a four-month pilot program.	Learn More
Beep	Testing	Apr	The Pinellas Suncoast Transit Authority's (PSTA) Autonomous Vehicle, known as AVA, is returning to Dunedin after a successful six-week pilot on Clearwater Beach.	Learn More
Bosch	Acquisition	Apr	Bosch announced that it would be acquiring Five.ai, the autonomous driving startup.	Learn More
Bosch	Partner	Jan	Bosch and the Volkswagen Group subsidiary Cariad have agreed to form an extensive partnership to make partially and highly automated driving suitable for volume production, and thus available to the broad mass of consumers.	Learn More
Cruise	Testing/Deployment	Feb	Cruise launched delivery service in Phoenix	Learn More
Cruise	Testing/Deployment	Jun	Cruise launched commercial service in San Francisco	Learn More
Einride	Testing	Jun	Einride was granted a permit by the National Highway Traffic Safety Administration for a public road pilot project.	Learn More
Embark Trucks	Partner	Mar	Embark will partner with Texas A&M to research and test autonomous trucking and technology as it prepares for its self-driving pilot runs in 2023.	Learn More
Embark Trucks	Partner	May	Embark announced that U.S. Xpress has joined the Embark Partner Development Program and plans to add its terminals to the Embark Coverage Map. This partnership marks a significant milestone by adding a fleet's properties into an autonomous truck developer's transfer point network.	Learn More
Embark Trucks	Product & Program Announcement	Feb	Embark Trucks and Phoenix-based Knight-Swift Transportation are launching what they are calling a Truck Transfer Program. Rather than using Embark employees, the program will allow Knight-Swift drivers to operate the autonomous trucks during the testing phase.	Learn More
Embark Trucks	Testing	May	Embark Trucks announced the successful completion of on-road testing in snowy conditions in Montana. The testing was conducted to demonstrate the performance and safety of Embark's patent-pending Vision Map Fusion (VMF) technology in geographies that experience severe winter weather.	Learn More

Autonomous Vehicle Company Activity

January - June 2022

Company	Activity Type	Month Announced	Program/Announcement Description	Additional Information
Faction	Product & Program Announcement	Feb	Faction Technology, Inc. and Arcimoto, Inc. showcased a next-generation driverless delivery vehicle based on the Arcimoto FUV platform at the new Arcimoto RAMP manufacturing facility in Eugene, Oregon today. Equipped with Faction's DriveLink™ and TeleAssist™ technologies, the completely driverless Faction D1 combines autonomy with remote human teleoperation.	Learn More
Gatik AI Inc.	Product & Program Announcement	Jun	Gatik will start using its self-driving trucks this summer to deliver Georgia-Pacific paper goods like Dixie cups and Quilted Northern toilet paper to several dozen Sam's Club stores in the Dallas-Fort Worth area.	Learn More
General Motors	Investment	Mar	GM buys SoftBank's \$2.1 billion stake in Cruise self-driving unit.	Learn More
General Motors	Investment	Apr	General Motors will spend \$2 billion this year on its self-driving subsidiary Cruise.	Learn More
Honda	Investment	Jan	Honda Motor Co. has made an investment in Helm.ai's \$30M Series B financing, to strengthen the ongoing development of cutting edge artificial intelligence software.	Learn More
Hyundai	Product & Program Announcement	May	Motional - a joint venture from Hyundai and Aptiv - has just announced that their latest driverless IONIQ 5 based robotaxi will be available from 2023.	Learn More
Intel/Mobileye	Partner	Jan	Mobileye and Geely are joining forces to develop a consumer-ready autonomous vehicle that will be ready by 2024.	Learn More
Intel/Mobileye	Product & Program Announcement	Feb	Intel Corp's Mobileye unit plans to build and deploy self-driving electric shuttle vehicles with its partners in the United States in 2024, in a bid to scale up its automated driving systems beyond taxis and delivery vehicles. Mobileye, Benteler EV Systems and Beep will launch the on-demand driverless shuttles, which will feature 12 to 14 seats and no steering wheel or pedal.	Learn More
Intel/Mobileye	Testing	Apr	Intel's Mobileye subsidiary has begun testing its autonomous vehicles in Miami to help build self-driving cars that can handle a variety of factors, such as weather conditions, urban layout, traffic signals and driving styles.	Learn More
Kodiak	Partner	Mar	CEVA Logistics announced it has teamed up with Kodiak Robotics to deliver freight autonomously between Dallas Fort-Worth and Austin.	Learn More
Kodiak	Partner	Apr	Kodiak Robotics, Inc. announced that it has teamed up with U.S. Xpress, one of America's largest carrier fleets, to launch Level 4 autonomous freight service between Dallas-Fort Worth and Atlanta using Kodiak's self-driving trucks.	Learn More
Kodiak	Testing	Mar	CEVA Logistics announced it has teamed up with Kodiak Robotics to deliver freight autonomously between Dallas-Fort Worth and Oklahoma City.	Learn More
Kodiak	Testing	Mar	Kodiak Robotics and Ceva Logistics have become the first companies to deliver freight autonomously in the state of Oklahoma.	Learn More
Locomotion	Partner	Mar	Locomotion, a leading provider of autonomous trucking technology solutions, today announced an eight-year agreement with Christenson Transportation, Inc., a top mid-sized transportation provider, to boost its fleet capacity with Locomotion autonomous truck technology.	Learn More
Luminar	Partner	Jan	Luminar announced today a partnership with Mercedes-Benz to accelerate the development of future highly automated driving technologies for Mercedes passenger cars.	Learn More
Magna	Acquisition	Jan	Magna announced that it was acquiring the technology, IP and assets of Optimus Ride, a Boston AV startup	Learn More
May Mobility	Partner	Apr	May Mobility is putting accessibility at the forefront and partnering with BraunAbility, the world's leading manufacturer of mobility transportation solutions, to modify the May Mobility Toyota Sienna Autono-MaaS (S-AM) fleet to include ADA-compliant vehicles.	Learn More
May Mobility	Testing	Apr	After a successful one-year pilot, Arlington RAPID has been renewed through 2024.	Learn More
Mercedes-Benz	Product & Program Announcement	May	Mercedes-Benz will offer Drive Pilot, the first Level 3 autonomous driving system approved for European public roads, as an option on S-Class and EQS models starting May 17.	Learn More
Motional AD LLC	Product & Program Announcement	May	Motional's autonomous vehicles are now conducting end-to-end food deliveries on the Uber Eats network in Santa Monica, CA and West Hollywood, CA.	Learn More
Motional AD LLC	Testing	Feb	Motional and Via announce the launch of a new robotaxi service in Las Vegas, which will provide free self-driving rides to passengers in downtown Las Vegas.	Learn More

Autonomous Vehicle Company Activity

January - June 2022

Company	Activity Type	Month Announced	Program/Announcement Description	Additional Information
NURO	Product & Program Announcement	Jan	Nuro has introduced its third-generation electric autonomous delivery vehicle. This new vehicle improves on the previous design and is ready to be produced at scale.	Learn More
NURO	Product & Program Announcement	Apr	Expanding On-road Operations in Southern California	Learn More
Pony.AI	Partner	Jan	Pony.ai Forms joint venture with Sinotrans, one of China's leading logistics firms, to further deployment of autonomous driving technologies.	Learn More
Pony.AI	Product & Program Announcement	Jan	Pony.ai debuted its 6th generation autonomous driving (AD) system, with leading-edge sensors, NVIDIA DRIVE computing platform solutions, and styling and design features for L4 automotive-grade mass production fleets. The first model equipped with this system, Toyota S-AM, a seven-seat hybrid electric platform for autonomous mobility, will start road testing in China this year and be deployed within Pony.ai's public-facing robotaxi operations in the first half of 2023.	Learn More
STEER Tech, LLC	Testing	Apr	STEER Tech, announced that it was awarded funding under the North Central Texas Council of Governments (NCTCOG) Automated Vehicles Program to develop a cutting-edge testbed at the Dallas Fort Worth International Airport (DFW) that will demonstrate a comprehensive automated parking ecosystem.	Learn More
Stellantis	Partner	Jun	Valeo will supply Stellantis with its third-generation Scala lidar to enable SAE Level 3 autonomous driving in the automaker's models, starting in 2024.	Learn More
TuSimple	Product & Program Announcement	Jan	TuSimple develops autonomous domain controller using NVIDIA DRIVE Orin to bring level 4 autonomous trucking to market at scale.	Learn More
TuSimple	Product & Program Announcement	Feb	Union Pacific Railroad, the largest Class I railroad in the U.S., will become the first customer to move freight on TuSimple's fully-automated trucking route between the Tucson and Phoenix, Arizona metro areas.	Learn More
Udelv	Product & Program Announcement	Jan	Udelv unveiled the first cab-less autonomous electric delivery vehicle for multi-stop delivery, the Transporter, driven by Mobileye, at the Consumer Electronics Show (CES).	Learn More
Volvo	Product & Program Announcement	Jan	Volvo Cars will introduce its unsupervised autonomous driving feature Ride Pilot to customers in the state of California first.	Learn More
Vueron	Testing	Jun	The California Department of Motor Vehicles approved LiDAR-only autonomous vehicle testing permits for Vueron. After that, it succeeded in driving 383 miles from Los Angeles to San Francisco via Interstate 5 and Interstate 580, for 6 hours at a maximum speed of 70mph.	Learn More
Waymo LLC	Partner	Jan	J.B. Hunt Transport Services Inc. announced a long-term, strategic alliance with Waymo Via that will advance innovative efforts to integrate commercial autonomous driving technology in transportation and logistics, with ultimate plans to complete fully autonomous transport in Texas in the next few years. The expanded collaboration will include multiple pilots to analyze the operational capacity of Waymo Via, the company's autonomous Class 8 trucking unit powered by the Waymo Driver, to address customer needs in realistic scenarios.	Learn More
Waymo LLC	Partner	Feb	C.H. Robinson and Waymo Via, the trucking and local delivery unit of autonomous driving technology company Waymo, have formed a long-term strategic partnership to mutually explore the practical application of autonomous driving technology in logistics and supply chains.	Learn More
Waymo LLC	Testing	Feb	Waymo has scored a permit with the California Public Utilities Commission that allows it to charge riders for ride-hailing trips in its autonomous vehicles in San Francisco.	Learn More
Waymo LLC	Testing	Mar	Waymo has started giving employees driverless rides in San Francisco in a Jaguar i-Pace SUV.	Learn More
Waymo LLC	Testing	May	Waymo employees will be able to hail fully autonomous rides in Downtown Phoenix.	Learn More
Waymo LLC	Testing	May	Waymo opens autonomous service to select Phoenix passengers	Learn More
Waymo LLC	Testing	Jun	Waymo will deploy self-driving trucks on UberFreight network	Learn More

January - June 2022

AV Companies in U.S.

Appendix A

State	City	Company	Facility Type	Number of Facilities
Arizona	Chandler	LM Industries Group Inc	Headquarters	1
	Chandler	Waymo LLC	R&D Facility	1
	Phoenix	Imagry	R&D Facility	1
	Tempe	NURO	R&D Facility	1
	Tucson	TuSimple	R&D Facility	1
California	Belmont	Volkswagen	R&D Facility	1
	Berkeley	HERE Technologies	R&D Facility	1
	Burlingame	Udelv	Headquarters	1
	Cupertino	Apple	Headquarters	1
	Emeryville	BlueSpace.AI	R&D Facility	1
	Foster City	Zoox	Headquarters	1
	Fremont	DeepRoute AI	R&D Facility	1
	Fremont	Inceptio	R&D Facility	1
	Fremont	Pony.AI	Headquarters	1
	Fremont	Zoox	R&D Facility	1
	Los Altos	Toyota Research Institute	Headquarters	1
	Menlo Park	Cyngn	Headquarters	1
	Menlo Park	Didi Research America	R&D Facility	1
	Menlo Park	Helm.AI	R&D Facility	1
	Mountain View	aiMotive	R&D Facility	1
	Mountain View	Aurora	R&D Facility	1
	Mountain View	Gatik AI Inc.	Headquarters	1
	Mountain View	Ghost	Headquarters	1
	Mountain View	Kodiak	Headquarters	1
	Mountain View	NURO	Headquarters	1
	Mountain View	Qcraft	R&D Facility	1
	Mountain View	Waymo LLC	Headquarters	1
	Palo Alto	Apex.AI	Headquarters	1
	Palo Alto	Ford	R&D Facility	1
	Palo Alto	Luminar	R&D Facility	1
	Palo Alto	Woven Planet	R&D Facility	1
	Pasadena	Coast Autonomous	Headquarters	1
	Pasadena	General Motors	R&D Facility	1
	San Carlos	Zoox	R&D Facility	1
	San Diego	Qualcomm Technologies	Headquarters	1
	San Diego	TuSimple	Headquarters	1
	San Diego	Zoox	R&D Facility	1
	San Francisco	Aurora	R&D Facility	1
	San Francisco	Comma.ai	Headquarters	1
	San Francisco	Cruise	Headquarters	1
	San Francisco	Einride	R&D Facility	1
	San Francisco	Embark Trucks	Headquarters	1
	San Francisco	Faction	Headquarters	1
	San Francisco	Plus.ai	Headquarters	1
	San Francisco	Pronto.ai	Headquarters	1
	San Francisco	Waabi	R&D Facility	1
	San Francisco	Wayve	R&D Facility	1
	San Francisco	Zoox	R&D Facility	1
	San Jose	Black Sesame Technologies	R&D Facility	1
	San Jose	Cisco	Headquarters	1
	San Jose	Imagry	R&D Facility	1
	San Jose	NIO USA	Headquarters	1
	San Jose	NIO USA	R&D Facility	1
	San Jose	Pegasus Technology	Headquarters	1
	San Jose	Vueron	R&D Facility	1
San Jose	WeRide	R&D Facility	1	
Santa Barbara	Continental	R&D Facility	1	
Santa Clara	Ambarella	Headquarters	1	
Santa Clara	Nissan	R&D Facility	1	
Santa Clara	Xmotors.ai	R&D Facility	1	
Santa Monica	Motional AD LLC	R&D Facility	1	
Silicon Valley	AutoX	R&D Facility	1	
Sunnyvale	Apollo Autonomous Driving	R&D Facility	1	
Sunnyvale	Mercedes-Benz Research & Development North America, In	R&D Facility	1	
Sunnyvale	Bosch	R&D Facility	1	

AV Companies in U.S.

Appendix A

State	City	Company	Facility Type	Number of Facilities
Colorado	Boulder	HERE Technologies	R&D Facility	1
	Brighton	Outrider AI	Headquarters	1
	Denver	EasyMile	R&D Facility	1
	Louisville	Aurora	R&D Facility	1
Florida	Lake Nona	Beep	Headquarters	1
	Orlando	Luminar	Headquarters	1
Georgia	Alpharetta	HERE Technologies	R&D Facility	1
Massachusetts	Boston	Motional AD LLC	Headquarters	1
Maryland	Annapolis Junction	STEER Tech, LLC	Headquarters	1
Michigan	Ann Arbor	Ford	R&D Facility	1
	Ann Arbor	May Mobility	Headquarters	1
	Ann Arbor	M-City	R&D Facility	1
	Ann Arbor	Refraction AI	Headquarters	1
	Dearborn	Ford	Headquarters	1
	Detroit	General Motors	Headquarters	1
	Detroit	Intel/Mobilitye	R&D Facility	1
	Detroit	Luminar	R&D Facility	1
	Flat Rock	Bosch	R&D Facility	1
	Lake Orion	General Motors	Manufacturing	1
	Novi	Harman	R&D Facility	1
	Plymouth	Bosch	R&D Facility	1
	Troy	Magna	R&D Facility	1
	Warren	General Motors	R&D Facility	1
	Wixom	Aurora	R&D Facility	1
Minnesota	Grand Rapids	May Mobility	R&D Facility	1
Montana	Bozeman	Aurora	R&D Facility	2
Nevada	Las Vegas	Motional AD LLC	R&D Facility	1
	Las Vegas	NURO	R&D Facility	1
	Las Vegas	Zoox	R&D Facility	1
New York	New York	Cortica	R&D Facility	1
	New York	Einride	R&D Facility	1
	New York	Waymo LLC	R&D Facility	1
	Port Washington	Autel	Headquarters	1
Pennsylvania	Pittsburgh	Argo AI, LLC	Headquarters	1
	Pittsburgh	Aurora	Headquarters	1
	Pittsburgh	Locomation	Headquarters	1
	Pittsburgh	Motional AD LLC	R&D Facility	1
	Pittsburgh	Waabi	R&D Facility	1
	Pittsburgh	Waymo LLC	R&D Facility	1
Texas	Austin	Einride	R&D Facility	1
	Dallas	Aurora	R&D Facility	1
	Dallas	Waymo LLC	R&D Facility	1
	Fort Worth	TuSimple	R&D Facility	1
	Plano	Ghost	R&D Facility	1
Washington	Seattle	Aurora	R&D Facility	1
	Seattle	Zoox	R&D Facility	1

On-Road AV Operations in U.S.

Appendix B

State	City	Company	Company Type	Number of Projects
Arkansas	Bentonville	Gatik AI Inc.	Self Driving Startup	1
Arizona	Chandler	Waymo LLC	Technology	4
	Peoria	Beep	Network/Fleet/Mobility	2
	Phoenix	Embark Trucks	Self Driving Startup	1
	Phoenix	Waymo LLC	Technology	1
	Phoenix	Cruise	Automaker	2
	Scottsdale	NURO	Self Driving Startup	1
	Tucson	TuSimple	Self Driving Startup	2
California	Atwater	Mercedes-Benz Research & Development North America, Inc.	Core Auto	1
	Atwater	Waymo LLC	Technology	1
	Badwater	Waymo LLC	Technology	1
	Barstow	Mercedes-Benz Research & Development North America, Inc.	Core Auto	1
	Bay Area	Mercedes-Benz Research & Development North America, Inc.	Core Auto	1
	Concord	LM Industries Group Inc	Network/Fleet/Mobility	1
	Contra Costa	NURO	Self Driving Startup	1
	Fontana	Embark Trucks	Self Driving Startup	1
	Fremont	DeepRoute AI	Technology	1
	Fremont	Hyundai	Core Auto	1
	Irvine	Pony.AI	Self Driving Startup	1
	Los Altos	Toyota	Core Auto	1
	Los Angeles	Mercedes-Benz Research & Development North America, Inc.	Core Auto	1
	Los Angeles	Vueron	Self Driving Startup	1
	McFarland	Mercedes-Benz Research & Development North America, Inc.	Core Auto	1
	Menlo Park	Didi Research America	Technology	1
	Mountain View	aiMotive	Self Driving Startup	1
	Mountain View	Aurora	Self Driving Startup	1
	Mountain View	NURO	Self Driving Startup	2
	Mountain View	Qcraft	Technology	1
	Mountain View	Waymo LLC	Technology	1
	Palo Alto	Argo AI, LLC	Self Driving Startup	1
	Palo Alto	Gatik AI Inc.	Self Driving Startup	1
	Rancho Cordova	LM Industries Group Inc	Network/Fleet/Mobility	1
	Sacramento	LM Industries Group Inc	Network/Fleet/Mobility	2
	Sacramento	Mercedes-Benz Research & Development North America, Inc.	Core Auto	1
	Sacramento	NURO	Self Driving Startup	1
	San Diego	Mercedes-Benz Research & Development North America, Inc.	Core Auto	1
	San Diego	Qualcomm Technologies	Technology	1
	San Francisco	Aurora	Self Driving Startup	1
	San Francisco	Cruise	Automaker	1
	San Francisco	Embark Trucks	Self Driving Startup	1
	San Francisco	Uber Advanced Technologies Group	Network/Fleet/Mobility	1
	San Francisco	Vueron	Self Driving Startup	1
	San Francisco	Waymo LLC	Technology	1
	San Francisco	Zoox	Technology	1
	San Jose	Imagry	Technology	1
	San Jose	WeRide	Technology	1
	San Mateo	Valeo	Self Driving Startup	1
	Santa Clara	Ambarella	Technology	1
	Santa Monica	Motional AD LLC	Self Driving Startup	1
	Sunnyvale	Apollo Autonomous Driving	Technology	1
	Sunnyvale	Apple	Technology	1
	Sunnyvale	Mercedes-Benz Research & Development North America, Inc.	Core Auto	2
Colorado	Denver	EasyMile	Network/Fleet/Mobility	1
	Golden	EasyMile	Network/Fleet/Mobility	3
	Westminster	EasyMile	Network/Fleet/Mobility	1
District of Columbia	Washington	Argo AI, LLC	Self Driving Startup	1
	Washington	Uber Advanced Technologies Group	Network/Fleet/Mobility	1

On-Road AV Operations in U.S.

Appendix B

State	City	Company	Company Type	Number of Projects
Florida	Clearwater Beach	Beep	Network/Fleet/Mobility	1
	Dunedin	Beep	Network/Fleet/Mobility	1
	Gainesville	TransDev Gainesville	(blank)	1
	Jacksonville	Beep	Network/Fleet/Mobility	1
	Jacksonville	Jacksonville Transportation Authority	(blank)	2
	Miami	Argo AI, LLC	Self Driving Startup	1
	Miami	Intel/Mobileye	Technology	1
	Miami	Waymo LLC	Technology	1
	Orlando	Beep	Network/Fleet/Mobility	5
	Port Saint Lucie	Beep	Network/Fleet/Mobility	1
	Saint Petersburg	Beep	Network/Fleet/Mobility	1
Tampa	Beep	Network/Fleet/Mobility	1	
Georgia	Peachtree Corners	Beep	Network/Fleet/Mobility	1
	Peachtree Corners	LM Industries Group Inc	Network/Fleet/Mobility	1
Indiana	Indianapolis	May Mobility	Network/Fleet/Mobility	1
Louisiana	New Orleans	Gatik AI Inc.	Self Driving Startup	1
Massachusetts	Boston	Motional AD LLC	Self Driving Startup	1
Maryland	Annapolis	STEER Tech, LLC	Self Driving Startup	1
	Baltimore	STEER Tech, LLC	Self Driving Startup	1
	Columbia	STEER Tech, LLC	Self Driving Startup	5
	Elkridge	STEER Tech, LLC	Self Driving Startup	1
	Jessup	STEER Tech, LLC	Self Driving Startup	1
	National Harbor	LM Industries Group Inc	Network/Fleet/Mobility	1
Michigan	Ann Arbor	May Mobility	Network/Fleet/Mobility	1
	Ann Arbor	NAVYA, Inc.	Network/Fleet/Mobility	1
	Ann Arbor	Toyota	Core Auto	1
	Ann Arbor	Yandex Inc	Technology	1
	Auburn Hills	EasyMile	Network/Fleet/Mobility	1
	Dearborn	Argo AI, LLC	Self Driving Startup	1
	Detroit	Intel/Mobileye	Technology	1
	East Lansing	ADASTEC CORP	Self Driving Startup	1
	Grand Rapids	May Mobility	Network/Fleet/Mobility	1
	Novi	Waymo LLC	Technology	1
Montana	Missoula	Embark Trucks	Self Driving Startup	1
North Carolina	Kill Devil Hills	EasyMile	Network/Fleet/Mobility	1
Nebraska	Lincoln	NAVYA, Inc.	Network/Fleet/Mobility	1
New Mexico	Las Cruces	Embark Trucks	Self Driving Startup	1
Nevada	Las Vegas	aiMotive	Self Driving Startup	1
	Las Vegas	Mercedes-Benz Research & Development North America, Inc.	Core Auto	1
	Las Vegas	Motional AD LLC	Self Driving Startup	2
	Las Vegas	NAVYA, Inc.	Network/Fleet/Mobility	1
	Las Vegas	NURO	Self Driving Startup	1
	Las Vegas	STEER Tech, LLC	Self Driving Startup	1
	Las Vegas	Zoox	Technology	1
New York	Buffalo	LM Industries Group Inc	Network/Fleet/Mobility	1
Ohio	Akron	LM Industries Group Inc	Network/Fleet/Mobility	1
	Columbus	EasyMile	Network/Fleet/Mobility	2
Oklahoma	Oklahoma City	Kodiak	Self Driving Startup	1
Pennsylvania	Pittsburgh	Argo AI, LLC	Self Driving Startup	1
	Pittsburgh	Aurora	Self Driving Startup	1
	Pittsburgh	Motional AD LLC	Self Driving Startup	1
	Pittsburgh	Uber Advanced Technologies Group	Network/Fleet/Mobility	2

On-Road AV Operations in U.S.

Appendix B

State	City	Company	Company Type	Number of Projects
Texas	Arlington	May Mobility	Network/Fleet/Mobility	2
	Austin	Argo AI, LLC	Self Driving Startup	1
	Austin	Cruise	Automaker	1
	Austin	EasyMile	Network/Fleet/Mobility	1
	Austin	Refraction AI	Self Driving Startup	1
	Austin	Waymo LLC	Technology	1
	Bryan	Embark Trucks	Self Driving Startup	1
	College Station	NAVYA, Inc.	Network/Fleet/Mobility	1
	Dallas	Aurora	Self Driving Startup	2
	Dallas	EasyMile	Network/Fleet/Mobility	1
	Dallas	Kodiak	Self Driving Startup	1
	Dallas	STEER Tech, LLC	Self Driving Startup	1
	El Paso	Embark Trucks	Self Driving Startup	1
	Fort Worth	Gatik AI Inc.	Self Driving Startup	1
	Houston	NURO	Self Driving Startup	4
	Houston	Waymo LLC	Technology	1
	Katy	Embark Trucks	Self Driving Startup	1
Utah	Farmington	EasyMile	Network/Fleet/Mobility	1
	Park City	EasyMile	Network/Fleet/Mobility	1
	Salt Lake City	EasyMile	Network/Fleet/Mobility	3
	Sandy	EasyMile	Network/Fleet/Mobility	1
	St. George	EasyMile	Network/Fleet/Mobility	1
	West Valley City	EasyMile	Network/Fleet/Mobility	1
Virginia	Arlington	LM Industries Group Inc	Network/Fleet/Mobility	1
Washington	Kirkland	Waymo LLC	Technology	1
	Seattle	Zoox	Technology	1
Wisconsin	Madison	NAVYA, Inc.	Network/Fleet/Mobility	1
Wyoming	Yellowstone	Beep	Network/Fleet/Mobility	1

New in 2022: On-Road AV Programs in U.S.

Appendix C

State	City	Company	Company Type	Number of Programs
Arizona	Peoria	Beep	AV Startup	1
	Phoenix	Waymo LLC	AV Startup	1
	Phoenix	Cruise	Automaker	1
	Tucson	TuSimple	AV Startup	1
California	Los Angeles	Vueron	AV Startup	1
	San Francisco	Cruise	Automaker	1
	San Francisco	Vueron	AV Startup	1
	San Francisco	Waymo LLC	AV Startup	1
	Santa Monica	Motional AD LLC	AV Startup	1
Florida	Dunedin	Beep	AV Startup	1
	Miami	Argo AI, LLC	AV Startup	1
	Miami	Intel/Mobileye	Technology	1
Michigan	East Lansing	ADASTEC CORP	AV Startup	1
Montana	Missoula	Embark Trucks	AV Startup	1
Nevada	Las Vegas	Motional AD LLC	AV Startup	1
Oklahoma	Oklahoma City	Kodiak	AV Startup	1
Texas	Arlington	May Mobility	AV Startup	1
	Austin	Argo AI, LLC	AV Startup	1
	Dallas	Aurora	AV Startup	2
	Dallas	Kodiak	AV Startup	1
	Dallas	STEER Tech, LLC	AV Startup	1

January - June 2022