## Internationa Automakers and Dealers in Amerioa

## Economic Impact Report



## Table of Contents

Opening Messages
Autos Drive America President \& CEO ..... 2
AIADA President \& CEO ..... 3
Investment
Manufacturing ..... 4
Capital and Community Investment ..... 10
Research \& Development ..... 12
People
Employment ..... 14
Workforce Development ..... 15
Trade
U.S.-Made Exports ..... 16
Top Markets ..... 18
Sales
Dealerships ..... 20
Sales ..... 22
Green Sales ..... 24
States ..... 26
Automakers ..... 117

## Autos Drive America

Each year, Autos Drive America and the American International Automobile Dealers Association (AIADA) compile an economic impact report to highlight international automakers and nameplate dealers' positive impact in the U.S. The latest report shows international automakers in the U.S. continued driving the American automotive industry forward, just like it has for the past 60 years.

While automakers and dealers were not immune to the unprecedented challenges many industries faced throughout 2021, international automakers saw significant increases across jobs, production, sales, and exports. Importantly, international automakers increased their cumulative investments in the U.S. to over $\$ 100$ billion. With announcements of new assembly lines, new manufacturing facilities, and new research and design hubs right here in the U.S., international automakers yet again proved they are invested in the success of the U.S. auto industry and its workers.

With these new investments, international automakers also created more career opportunities nationwide. International automakers now directly employ more than 140,000 people in the U.S., a new record. And, alongside international nameplate dealerships, they support 2.3 million American jobs. To support a growing workforce, international automakers opened new state-of-the-art training facilities, announced new programs to train and upskill employees, and built new relationships with educational institutions to create pathways for STEM students interested in modern manufacturing.

All of these investments add up to one thing: better vehicles for Americans. International automakers account for nearly half (47\%) of all domestic vehicle and truck production and lead new vehicle sales in 37 states.

As the global auto industry undergoes the shift to electrification, our members are ensuring the U.S. auto industry maintains its competitive edge during this transformative time. In 2021, international automakers sold over 1 million new green vehicles in the U.S., accounting for a majority ( $66 \%$ ) of the market share. Through increased investments into green vehicle production, more efficient manufacturing practices, and a modern workforce, international automakers are paving the way for a more sustainable U.S. auto industry.

With each economic impact report, Autos Drive America and AIADA reflect on the achievements made by our members in the past year while looking forward to what comes next. As they have done consistently for decades, international automakers will continue investing to create careers and strengthen communities across the country. Our members are committed to every worker they employ, every investment they make, and to driving America forward.

## Gent on sforin

Jennifer M. Safavian
Autos Drive America President \& CEO

## AIADA

For decades, America's international nameplate automobile dealers have opened their doors to Americans seeking safe, reliable transportation. Shaped by both good times and bad, they have evolved to be responsible for 59 percent of all vehicles sold in the United States.

This year's Economic Impact Report reflects an industry that, despite recent headwinds, has grown, thrived, and embraced the potential for a greener future. International nameplate dealers are proud to have sold more than 1 million green vehicles in 2021, and are optimistic about a retail future that can benefit all Americans through growing employment, increased facility investment, and sustainable practices.

Through resilience and adaptability, AIADA's members have established themselves as cornerstones of communities across the country. Our newest Economic Impact Report lays bare the remarkable investment AIADA's members and brands have made in our country, and the unwavering commitment dealers have to the 543,000 Americans they employ and the millions of customers they serve each year. With a payroll of more than $\$ 43.5$ billion, dealers are bringing good, stable jobs to small towns and big cities in all 50 states.

Our current auto franchise model benefits Americans by ensuring they have a brick and mortar location, in their community, where they can address repairs, recalls, and any questions they might have about their vehicle. At 9,383 locations across the country, dealers and their employees, who represent more than half of all U.S. dealership jobs, are the face of their manufacturers, and the ambassador for their brands.

By publishing this report, AIADA and our partners at Autos Drive America are raising awareness of the highly globalized nature of auto manufacturing and retailing, and the integral role international nameplate manufacturers and dealers play in the American economy. When dealers look to the future of auto retailing, they see nothing but potential. I hope that this report inspires you to share that sense of optimism.


AIADA President \& CEO

## Investment

## Manufacturing

## 䉓 <br> 31

31 facilities producing vehicles, batteries, and components

4.2 million vehicles produced in 2021

$47 \%$ of all U.S. vehicle production in 2021

> G
> \$91B

\$91 billion parts and services purchased

## 8 <br> \$23B

$\$ 23$ billion goods and services purchased

13 States with International Automaker
Manufacturing Facilities


International Automakers' Share of U.S. Auto
Production Has Grown from 1\% in 1979 to 47\% in 2021


International Automakers' Share of Total U.S. Production
*Passenger oars only before 1985. Passenger cars and light trucks 1985-2021.

International Automakers Have Increased Their U.S. Production Volume by More Than $\mathbf{5 6 \%}$ Over the Past 25 Years


[^0]
## Manufacturing Facilities

| State | Automaker | Facility Name | City | Production <br> Start | Vehicles/ <br> Components <br> Produced |  |
| :---: | :---: | :---: | :--- | :--- | :--- | :--- |
|  | Honda | Hyundai | Honda Alabama | Lincoln | 2001 | Odyssey, Passport, <br> Pilot, Ridgeline, V-6 <br> engines |
|  | Auto Plant |  |  |  |  |  |


| State | Automaker | Facility Name | City | Production Start | Vehicles/ Components Produced |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ohio | Honda | Honda Anna Engine Plant | Anna | 1985 | 4-cylinder and V-6 engines |
|  | Honda | Honda East Liberty Auto Plant | East Liberty | 1989 | CR-V, CR-V Hybrid, Acura MDX, Acura RDX |
|  | Honda | Honda Marysville Auto Plant | Marysville | 1982 | Accord Sedan, Accord Hybrid, CR-V, Acura Integra ${ }^{\dagger}$, Acura TLX |
|  | Honda | Honda Performance Manufacturing Center | Marysville | 2016 | Acura NSX, Acura PMC Edition Models |
|  | Honda | Honda Transmission Plant - Ohio | Russells Point | 1996 | Transmissions, gears, four-wheeldrive components, hybrid-electric systems |
| South Garolina | BMW | BMW Manufacturing Company | Greer | 1994 | $\begin{aligned} & X_{3}, \times 4, \times 5, \times 5 \\ & \text { PHEV, } \mathrm{X6}, \times 7 \end{aligned}$ |
|  | MercedesBenz | Mercedes-Benz Vans, LLC | Ladson | 2006 | Metris Cargo**, <br> Sprinter Cargo**, <br> Sprinter <br> Passenger** |
|  | Volvo Cars | Volvo Car U.S. Operations | Ridgeville | 2018 | S60 PHEV, <br> S60 Sedan |
| Tennessee | Nissan | Nissan Decherd Powertrain Plant | Decherd | 1997 | Engines, crankshaft forgings, cylinder block castings |
|  | Nissan | INFINITI Decherd Powertrain Plant | Decherd | 2014 | Engines |
|  | Nissan | Nissan Smyrna Vehicle Assembly Plant | Smyrna | 1983 | LEAF, Maxima, Murano, Pathfinder, Rogue, Infiniti QX60 |
|  | Toyota | Toyota Motor Manufacturing Tennessee | Jackson | 2003 | Cylinder blocks, automatic transmission parts |
|  | Volkswagen | Volkswagen Chattanooga Assembly Plant | Chattanooga | 2010 | Atlas, Atlas Cross Sport, Passat |
| Texas | Toyota | Toyota Motor Manufacturing Texas | San Antonio | 2003 | Sequoia ${ }^{+}$, Tacoma ${ }^{+\dagger}$, Tundra, Tundra HEV |
| West Virginia | Toyota | Toyota Motor Manufacturing West Virginia | Buffalo | 1996 | Automatic transmissions, 4-cylinder and V-6 engines |
|  |  |  |  | s <br> +PProductio | *Opening in 2025 <br> **Assembly only Production started in 2022 |

International Automakers' Vehicles


Made in America


## Capital and Community Investment

## \$101B

International automakers have invested $\$ 101$ billion into U.S. operations

## 冊 500 <br> International automakers operate 500 facilities across 36 states

## 田 \$28.4B

$\$ 28.4$ billion generated in state and local tax receipts and other revenues

## IIII <br> \$34.8B

$\$ 34.8$ billion generated in federal tax receipts and other revenues

International Automakers and Auto Dealers Contributed Billions of Dollars to Gross State Product in 2021


Billions of Dollars in Federal, State and Local Taxes Are Generated by International Automakers and Auto Dealers

FEDERAL


STATE AND LOCAL



## Research \& Development

4101
73

73 R\&D facilities located in 14 states


More than 8,100 R\&D employees

R\&D Facilities

| State | Facility | City |
| :---: | :---: | :---: |
| Arizona | Nissan Technical Center North America Arizona Test Center | Stanfield |
|  | Toyota Arizona Proving Grounds | Wittman |
|  | Volkswagen Arizona Proving Grounds | Maricopa |
|  | Volvo Car Arizona Proving Ground | Wittmann |
| California | Acura Design Studio | Torrance |
|  | American Honda Motor Co., Ino., R\&D Business Unit and Honda Design Studio | Torrance |
|  | Audi Advanced Driver Assistance R\&D (Volkswagen) | San Jose |
|  | Audi of America Design Loft (Volkswagen) | Malibu |
|  | Audi Innovation Center (Volkswagen) | San Francisoo |
|  | BMW Technology Office | Mountain View |
|  | BMW of North America Engineering and Emission Test Center | Oxnard |
|  | Calty Design Research (Toyota) | Newport Beach |
|  | Calty Design Research (Toyota Innovation Hub) | Oakland |
|  | Designworks (BMW Group) | Newbury Park |
|  | Honda Innovations, Inc. | Mountain View |
|  | Honda Proving Center of California | Cantil |
|  | Honda Research Institute USA, Inc.,., Silioon Valley Research Office | San Jose |
|  | Hyundai Kia America Technical Center, Inc. Proving Ground | California City |
|  | Hyundai Kia America Technical Center, Inc. Engineering Facility | Chino |
|  | Hyundai Kia America Technical Center, Inc. North American Quality Center | Chino |
|  | Hyundai Kia America Technical Center, Inc. Design Center/Tech Facility | Irvine |
|  | Hyundai Kia America Technical Center, Inc. Hyundai Ventures | Menlo Park |
|  | Kia Design Center America | Irvine |
|  | Mazda R\&D Irvine | Irvine |
|  | Mercedes-Benz R\&D North America | Carlsbad |
|  | Mercedes-Benz R\&D North America | Long Beach |
|  | Mercedes-Benz R\&D North America | Sunnyvale |
|  | Nissan Design America | San Diego |
|  | Nissan Research Center Silicon Valley | Santa Clara |
|  | Nissan Technical Center Fuel Cell Research Center | West Sacramento |
|  | Subaru Research \& Development | Cypress |
|  | Subaru Research \& Development | Tustin |
|  | Toyota Racing Development | Costa Mesa |
|  | Toyota Research Institute | Palo Alto |
|  | Toyota InfoTechnology Center U.S.A., Inc. | Mountain View |
|  | Volkswagen Innovation and Engineering Center California | Belmont |
|  | Volkswagen Test Center California | Oxnard |
|  | Volkswagen Design Center | Santa Monica |
|  | Volvo Car Design Studio | Camarillo |
|  | Volvo Car Technology | Sunnyvale |
| Colorado | American Honda Motor Co., Inc., Denver Test Lab | Denver |
|  | Audi Test Lab (Volkswagen) | Golden |
| Indiana | Subaru Research \& Development | Lafayette |
| Kentucky | Toyota Production Engineering and Manufacturing Center | Georgetown |
| Massachusetts | Toyota Research Institute | Cambridge |
| Michigan | American Honda Motor Co., Inc., Ann Arbor Test Lab | Ann Arbor |
|  | American Honda Motor Co., Inc., Pontiac Office | Auburn Hills |
|  | American Honda Motor Co., Inc., Warren Office | Warren |
|  | Calty Design Research (Toyota) | Ann Arbor |
|  | Honda Research Institute USA, Inc., Detroit Research Office | Ann Arbor |
|  | Hyundai-Kia America Technical Center, Inc. | Superior Township |
|  | Mercedes-Benz R\&D North America | Ann Arbor |
|  | Mercedes-Benz R\&D North America | Redford |
|  | Mitsubishi Motors R\&D of America, Inc | Ann Arbor |
|  | Nissan Technical Center North America | Farmington Hills |
|  | Subaru Research \& Development | Ann Arbor |
|  | Toyota Motor North America R\&D | Ann Arbor |
|  | Toyota Research Institute | Ann Arbor |
|  | Toyota Motor North America R\&D | Saline |
|  | Volkswagen Engineering \& Environmental Office | Auburn Hills |
|  | Volkswagen Safety Affairs | Auburn Hills |
| New Jersey | Subaru Research \& Development | Camden |
|  | Volkswagen Allendale Test Center | Allendale |
| North Carolina | Toyota Racing Development | Salisbury |
| Ohio | American Honda Motor Co., Inc., Columbus Research Labs | Columbus |
|  | Honda Automotive Laboratories of Ohio (HALO) | East Liberty |
|  | Honda North American Auto Development Center | Raymond |
| Oregon | Jaguar Land Rover Global Digital Design Center | Portland |
| South Carolina | BMW Group Information Technology Research Center | Greenville |
| Tennessee | Volkswagen Innovation Hub | Knoxville |
|  | Volkswagen North American Engineering \& Planning Center | Chattanooga |
| Washington | Mercedes-Benz R\&D North America | Seattle |
|  | Volkswagen Automotive Cloud , LLC | Redmond |



## Employment

## Workforce Development

iัp 140,000<br>U.S. employees

田
\$13B
Direct employee payroll
of $\$ 13$ billion

## 曲 64\%

64\% of direct jobs are in manufacturing

### 2.3M

2.3 million direct and indirect ${ }^{1}$ U.S. jobs generated
(5)
\$162B
Total employee compensation
of $\$ 162$ billion $^{1}$ in 2021
> qio
> 19M

19 million trainings conducted across the United States
08
000
000

131
131 workforce development programs offered by international automakers

## $\square$ 36

MPLAN input-output model.

International Automakers' Direct Employment 2017-2021




## U.S.-Made Exports

# (5) \$24B 

$\$ 24$ billion in vehicle exports in 2021

## $18 \%$

$18 \%$ of American-made vehicles were exported in 2021

## 苗 <br> 762,000

762,000 U.S.-built vehicles exported by international automakers in 2021

## 㹸 61

61 different models exported from international automakers' U.S. plants

## 3 135

Vehicles exported to more than 135 countries and territories

## థị 38\%

$38 \%$ of exports in 2021 were to U.S. free trade agreement partners

## U.S. Built Vehicles are Exported Worldwide



| State | Total Jobs | 2021 Production | Models Exported |
| :---: | :---: | :---: | :--- |
| Alabama | 76,092 | 839,824 | Honda: Odyssey, Passport, Pilot, Ridgeline <br> Hyundai: Elantra, Santa Cruz, Santa Fe, Sonata <br> Mercedes-Benz: GLE SUV, GLE Coupe, GLS SUV <br> Toyota: Corolla Cross |
| Georgia | 69,366 | 255,100 | Kia: K5, Sorento, Telluride |$|$| Honda: Civic, CR-V, Insight |
| :--- |
| Subaru: Ascent, Impreza, Legacy, Outback |
| Indiana |
| 133,803 |
| Toyota: Highlander, Highlander Hybrid, Sequoia, |
| Sienna Hybrid |

## Top Export Markets

| Rank | Exports | Total Volume |
| :---: | :---: | :---: |
| 1 | Canada | 200,815 |
| 2 | European Union* | 101,460 |
| 3 | China | 61,052 |
| 4 | South Korea | 30,428 |
| 5 | Gulf Cooperation Council** | 29,697 |
| 6 | Mexico | 25,736 |
| 7 | Mauritius | 23,066 |
| 8 | Australia | 16,392 |
| 9 | United Kingdom | 13,807 |
| 10 | Russia | 12,186 |
| 11 | Puerto Rico | 11,630 |
| 12 | Saint Lucia | 7,405 |
| 13 | Switzerland | 5,403 |
| 14 | Japan | 4,450 |
| 15 | Thailand | 3,929 |
| 17 | Brazil | 2,987 |
| 18 | Peru | 2,987 |
| 19 | Chile | 2,595 |
| 20 |  | Colombia |
|  | South Africa | 2,237 |
|  |  |  |

## Italics indicate FTA countries

EU 2
*Consists of Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, and the United Arab Emirates

## U.S. Seaports of Export

## Exports by Seaport

| Port | Models Exported |
| :---: | :---: |
| Long Beach, GA | Honda: Accord, Accord Hybrid, Civic, CR-V, CR-V Hybrid, Insight, Odyssey, Passport, <br> Pilot, Ridgeline, Acura ILX, Acura MDX, Acura RDX, Acura TLX <br> Kia: Telluride <br> Nissan: Altima <br> Subaru: Ascent, Legacy, Outback <br> Toyota: Camry, Corolla, Corolla Cross, Highlander, Highlander Hybrid, Sequoia, Sienna Hybrid, Tacoma, Tundra, Lexus ES |
| Los Angeles, GA | Nissan: Altima |
| National City, CA | Toyota: Tacoma, Tundra, Lexus ES |
| Oakland, CA | Toyota: Highlander, Sequoia, Tacoma, Tundra |
| Port Hueneme, CA | Honda: Civic, Odyssey, Pilot, Ridgeline Toyota: Avalon Hybrid, Sienna Hybrid |
| Jacksonville, FL | BMW: X3, X4, X5, X5 PHEV, X6, X7 <br> Honda: Accord, Accord Hybrid, CR-V, Insight, Odyssey, Pilot, Ridgeline, Acura ILX, Acura MDX, Acura RDX, Acura TLX <br> Hyundai: Santa Fe, Sonata <br> Kia: K5, Sorento, Telluride <br> Nissan: Altima, Frontier, LEAF, Maxima, Murano, Pathfinder, Titan, Infiniti QX60 <br> Subaru: Impreza, Outback <br> Toyota: Avalon, Avalon Hybrid, Camry, Camry Hybrid, Corolla, Corolla Cross Highlander, Highlander Hybrid, Sequoia, Sienna Hybrid, Tacoma, Tundra, Lexus ES Volkswagen: Atlas, Atlas Cross Sport <br> Volvo: S60 |
| Miami, FL | BMW: X3, X4, X5, X5 PHEV, X6, X7 <br> Honda: Accord, CR-V, Odyssey, Pilot, Ridgeline |
| Port Everglades, FL | BMW: X3, X4, X5, X5 PHEV , X6, X7 <br> Honda: Accord, CR-V, Civic, Odyssey, Pilot, Ridgeline, Acura MDX, Acura RDX, <br> Acura TLX <br> Hyundai: Santa Fe <br> Kia: Sorento <br> Volkswagen: Atlas, Atlas Cross Sport |
| Brunswick, GA | BMW: X3, X4, X5, X5 PHEV, X6, X7 <br> Honda: Accord Hybrid, Odyssey, Pilot, Ridgeline <br> Kia: Telluride <br> Nissan: Altima, LEAF, Maxima, Murano, Pathfinder, Infiniti QX60 <br> Toyota: Camry, Highlander, Sienna Hybrid, Tacoma <br> Volvo: S60 <br> Volkswagen: Atlas, Atlas Cross Sport |
| Savannah, GA | BMW: X3, X4, X5, X5 PHEV, X6, X7 <br> Honda: Ridgeline <br> Nissan: Murano, Pathfinder <br> Toyota: Tacoma, Tundra <br> Volvo: S60 |
| Baltimore, MD | Honda: Accord, Civic, CR-V, CR-V Hybrid, Insight, Odyssey, Passport, Pilot, Ridgeline, Acura MDX, Acura RDX, Acura TLX <br> Subaru: Outback <br> Toyota: Avalon, Highlander, Highlander Hybrid |
| Portland, OR | Honda: Accord, Accord Hybrid, CR-V, CR-V Hybrid, Odyssey, Pilot Toyota: Camry, Corolla Cross, Highlander, Sienna Hybrid, Tacoma, Tundra |
| Charleston, SC | BMW: X3, X4, X5, X5 PHEV, X6, X7 <br> Volvo: S60 |



## Dealerships



Top 10 States for International Nameplate

## Dealership Employment



## Dealership Employment

| State | No. of Dealership Franchises | Dealership Employment | Average Annual Earnings Per Employee | Total Dealership Employee Compensation |
| :---: | :---: | :---: | :---: | :---: |
| Alabama | 144 | 7,095 | \$74,048 | \$525,370,560 |
| Alaska | 21 | 871 | \$72,228 | \$62,910,588 |
| Arizona | 161 | 14,784 | \$83,460 | \$1,233,872,640 |
| Arkansas | 72 | 3,195 | \$71,968 | \$229,937,760 |
| California | 967 | 71,847 | \$92,612 | \$6,653,894,364 |
| Colorado | 157 | 10,366 | \$81,744 | \$847,358,304 |
| Connecticut | 176 | 8,150 | \$78,676 | \$641,209,400 |
| Delaware | 36 | 2,070 | \$72,488 | \$150,050,160 |
| Florida | 615 | 49,595 | \$84,916 | \$4,211,409,020 |
| Georgia | 268 | 17,043 | \$83,616 | \$1,425,067,488 |
| Hawaii | 40 | 2,419 | \$82,056 | \$198,493,464 |
| Idaho | 60 | 3,213 | \$75,140 | \$241,424,820 |
| Illinois | 378 | 18,644 | \$71,656 | \$1,335,954,464 |
| Indiana | 190 | 8,470 | \$69,472 | \$588,427,840 |
| lowa | 94 | 3,330 | \$70,044 | \$233,246,520 |
| Kansas | 86 | 3,496 | \$66,664 | \$233,057,344 |
| Kentucky | 110 | 5,555 | \$70,564 | \$391,983,020 |
| Louisiana | 149 | 7,336 | \$71,240 | \$522,616,640 |
| Maine | 66 | 2,597 | \$70,460 | \$182,984,620 |
| Maryland | 216 | 13,797 | \$77,740 | \$1,072,578,780 |
| Massachusetts | 245 | 12,474 | \$87,724 | \$1,094,269,176 |
| Michigan | 228 | 9,464 | \$74,152 | \$701,774,528 |
| Minnesota | 123 | 6,612 | \$66,872 | \$442,157,664 |
| Mississippi | 83 | 3,572 | \$67,756 | \$242,024,432 |
| Missouri | 154 | 7,830 | \$69,992 | \$548,037,360 |
| Montana | 40 | 1,599 | \$68,172 | \$109,007,028 |
| Nebraska | 54 | 2,352 | \$67,548 | \$158,872,896 |
| Nevada | 66 | 5,940 | \$93,184 | \$553,512,960 |
| New Hampshire | 90 | 3,871 | \$90,012 | \$348,436,452 |
| New Jersey | 325 | 19,520 | \$90,168 | \$1,760,079,360 |
| New Mexico | 64 | 3,080 | \$70,668 | \$217,657,440 |
| New York | 537 | 26,656 | \$81,952 | \$2,184,512,512 |
| North Carolina | 318 | 17,608 | \$74,204 | \$1,306,584,032 |
| North Dakota | 31 | 1,092 | \$63,960 | \$69,844,320 |
| Ohio | 366 | 17,690 | \$72,540 | \$1,283,232,600 |
| Oklahoma | 89 | 4,212 | \$72,332 | \$304,662,384 |
| Oregon | 138 | 7,125 | \$76,960 | \$548,340,000 |
| Pennsylvania | 496 | 22,578 | \$67,964 | \$1,534,491,192 |
| Rhode Island | 40 | 2,065 | \$74,204 | \$153,231,260 |
| South Carolina | 150 | 8,308 | \$74,620 | \$619,942,960 |
| South Dakota | 27 | 1,020 | \$67,964 | \$69,323,280 |
| Tennessee | 194 | 10,880 | \$79,040 | \$859,955,200 |
| Texas | 627 | 45,504 | \$86,008 | \$3,913,708,032 |
| Utah | 80 | 5,538 | \$77,584 | \$429,660,192 |
| Vermont | 42 | 1,443 | \$70,200 | \$101,298,600 |
| Virginia | 279 | 17,272 | \$75,036 | \$1,296,021,792 |
| Washington | 211 | 13,056 | \$80,080 | \$1,045,524,480 |
| West Virginia | 77 | 2,655 | \$60,216 | \$159,873,480 |
| Wisconsin | 184 | 7,400 | \$60,736 | \$449,446,400 |
| Wyoming | 19 | 817 | \$63,180 | \$51,618,060 |
| Total | 9,383 | 543,106 | \$73,447* | \$43,538,947,868 |

## U.S. Sales



9 million new vehicles sold in 2021

## 9 \$63B

\$63 billion in parts and services sold by dealerships in 2021

## 59\%

59\% market share of U.S. new vehicle sales in 2021

## $\square$ <br> \$4.1B

\$4.1 billion in advertising expenditures by dealerships in 2021

The Majority of New Vehicles Sold in 37 States and Washington, D.C. are Made by International Automakers


## U.S. New Vehicle Sales

| State | Total Sales Volume | Int'l Automakers Sales* | Intil Automakers |
| :---: | :---: | :---: | :---: | :---: |
| Market Share |  |  |  |

## Green Vehicles


*Advanced technology vehicles (green) include all battery electric vehicles (BEV), hybrid electric vehicles (HEV), plug-in hybrid electric vehicles
(PHEV), and fuel cell vehicles (FCEV).

## 10 States with Green Vehicle and Battery Manufacturing or R\&D Facilities

7 Green Vehicle/Battery Manufacturing

* 3 Future Green Vehicle/Battery Manufacturing A 3 Green R\&D Facilities


## Green Vehicle Sales

| State | Green Vehicle Total Sales | Int'I Automakers* Green Vehicle Sales | Int'I Automakers Green Vehicle Market Share |
| :---: | :---: | :---: | :---: |
| Alabama | 10,631 | 7,754 | 73\% |
| Alaska | 1,750 | 1,322 | 76\% |
| Arizona | 37,009 | 23,481 | 63\% |
| Arkansas | 6,228 | 4,426 | 71\% |
| California | 412,648 | 252,220 | 61\% |
| Colorado | 34,559 | 22,419 | 65\% |
| Connecticut | 19,263 | 13,957 | 72\% |
| Delaware | 4,522 | 3,116 | 69\% |
| District of Columbia | 4,700 | 3,213 | 68\% |
| Florida | 117,337 | 72,415 | 62\% |
| Georgia | 36,275 | 24,195 | 67\% |
| Hawaii | 8,460 | 4,724 | 56\% |
| Idaho | 7,351 | 5,496 | 75\% |
| Illinois | 53,926 | 37,006 | 69\% |
| Indiana | 20,437 | 14,809 | 72\% |
| lowa | 9,524 | 6,931 | 73\% |
| Kansas | 7,511 | 5,157 | 69\% |
| Kentucky | 10,771 | 8,252 | 77\% |
| Louisiana | 9,103 | 6,787 | 75\% |
| Maine | 6,808 | 5,415 | 80\% |
| Maryland | 37,896 | 27,073 | 71\% |
| Massachusetts | 42,415 | 31,115 | 73\% |
| Michigan | 32,682 | 14,848 | 45\% |
| Minnesota | 21,057 | 14,383 | 68\% |
| Mississippi | 4,522 | 3,416 | 76\% |
| Missouri | 20,637 | 14,186 | 69\% |
| Montana | 4,458 | 3,337 | 75\% |
| Nebraska | 5,814 | 3,920 | 67\% |
| Nevada | 17,374 | 10,281 | 59\% |
| New Hampshire | 7,967 | 6,104 | 77\% |
| New Jersey | 57,636 | 36,990 | 64\% |
| New Mexico | 6,699 | 4,769 | 71\% |
| New York | 92,462 | 68,316 | 74\% |
| North Carolina | 37,586 | 25,881 | 69\% |
| North Dakota | 1,581 | 1,092 | 69\% |
| Ohio | 39,490 | 25,711 | 65\% |
| Oklahoma | 20,021 | 12,887 | 64\% |
| Oregon | 31,425 | 23,489 | 75\% |
| Pennsylvania | 53,408 | 39,270 | 74\% |
| Rhode Island | 4,891 | 3,885 | 79\% |
| South Carolina | 14,136 | 10,088 | 71\% |
| South Dakota | 2,144 | 1,471 | 69\% |
| Tennessee | 19,545 | 13,519 | 69\% |
| Texas | 102,036 | 64,107 | 63\% |
| Utah | 14,824 | 9,244 | 62\% |
| Vermont | 5,479 | 3,942 | 72\% |
| Virginia | 43,460 | 30,947 | 71\% |
| Washington | 54,612 | 37,591 | 69\% |
| West Virginia | 4,390 | 3,570 | 81\% |
| Wisconsin | 18,959 | 13,442 | 71\% |
| Wyoming | 1,398 | 1,035 | 74\% |
| Total | 1,639,817 | 1,083,004 | 66\% |

[^1]

## Alabama



## Production

839,824 vehicles produced in 2021
100\% of total auto production in Alabama
\$8.2 billion purchased from U.S. suppliers

## Sales

144 international nameplate dealerships
113,874 new vehicles sold in 2021
$\mathbf{5 7 \%}$ market share of new vehicle sales in Alabama
7,754 new green vehicles sold in 2021
73\% market share of new green vehicle sales in Alabama

## Employment

76,092 total jobs generated in Alabama

- 14,838 direct employment
- 7,095 dealership jobs
- 54,159 other indirect employment
\$4.9 billion total employee compensation
- \$525 million dealership employee compensation
- \$4.4 billion in direct and other indirect employee compensation

Vehicles Made in Alabama



## Revenues

The economic activity of international automakers in Alabama generated:

- \$672 million in state and local tax receipts and other revenues
- \$1.1 billion in federal tax receipts and other revenues for the federal government


## International Automaker Facilities

Manufacturing

- Honda Alabama Auto Plant - Lincoln
- Hyundai Motor Manufacturing Alabama - Montgomery
- Mazda Toyota Manufacturing, U.S.A., Inc. - Huntsville
- Mercedes-Benz U.S. International, Inc. — Vance
- Mercedes-Benz U.S. International, Inc. - Woodstock
- Toyota Motor Manufacturing Alabama - Huntsville

Parts Center

- Mercedes-Benz USA Parts Distribution Center - Vance

Other

- Honda Lock-America Co., Inc. - Selma
- Mercedes-Benz USA Marshalling - Vance
- Southeast Toyota Finance (Independent Distributer) - Mobile


## Alaska

Economic Impact in Alaska
\$1 million purchased from U.S. suppliers in 2021

21 international nameplate dealerships
871 dealership jobs
\$63 million dealership employee compensation
11,152 new vehicles sold in 2021
46\% market share of new vehicle sales in Alaska
1,322 new green vehicles sold in 2021
76\% market share of new green vehicle sales in Alaska

## Arizona

Economic Impact in Arizona
\$418 million invested
931 direct employment
\$29 million purchased from U.S. suppliers in 2021
161 international nameplate dealerships
14,784 dealership jobs
\$1.2 billion dealership employee compensation
198,104 new vehicles sold in 2021
55\% market share of new vehicle sales in Arizona
23,481 new green vehicles sold in 2021
63\% market share of new green vehicle sales in Arizona

## International Automaker Facilities

## R\&D

- Nissan Technical Center North America Arizona Test Center - Stanfield
- Toyota Arizona Proving Grounds - Wittmann
- Volkswagen Arizona Proving Grounds - Maricopa
- Volvo Car Arizona Proving Ground - Wittmann


## Finance

- Toyota Financial Services Dealer Service Center - Chandler
- Toyota Financial Services Customer Service Center - Chandler
- Toyota Financial Services Data Center - Phoenix

Parts Center

- Toyota Parts Distribution Center - Phoenix

Other

- Toyota Logistics Services, Inc./Transport Operations - Phoenix


## Arkansas

## Economic Impact in Arkansas

\$5 million purchased from U.S. suppliers
in 2021
72 international nameplate dealerships
3,195 dealership jobs
\$230 million dealership employee compensation
58,380 new vehicles sold in 2021
47\% market share of new vehicle sales in Arkansas
4,426 new green vehicles sold in 2021
71\% market share of new green vehicle sales in Arkansas

## California

Economic Impact in California
\$4.3 billion invested
\$5.4 billion purchased from U.S. suppliers

## Sales

967 international nameplate dealerships
1,214,993 new vehicles sold in 2021
69\% market share of new vehicle sales in California
252,220 new green vehicles sold in 2021
61\% market share of new green vehicle sales in California

## Employment

170,752 total jobs generated in California

- 8,603 direct employment
- 71,847 dealership jobs
- 90,302 other indirect employment
\$12.7 billion total employee compensation
- \$6.7 billion dealership employee compensation
- \$6 billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in California generated:

- \$3.5 billion in state and local tax receipts and other revenues
- $\$ 2.9$ billion in federal tax receipts and other revenues for the federal government

The operations and related activities of international automakers and auto dealers in the U.S. contributed $\mathbf{\$ 2 1 . 1}$ billion to California's Gross State Product (GSP) in 2021.

International automakers exported 31 models from the California seaports of Long Beach, Los Angeles, National City, Oakland, and Port Hueneme in 2021.

## International Automaker Facilities

Headquarters

- Acura - Torrance
- American Honda Motor Co., Inc. - Torrance
- Aston Martin Lagonda of North America, Inc. - Irvine
- Genesis - Fountain Valley
- Hyundai Motor America National - Fountain Valley
- Kia America - Irvine
- Mazda North American Operations - Irvine
- Mercedes-Benz R\&D North America - Sunnyvale
- Mobis Parts America, LLC (Hyundai/Kia) — Fountain Valley


## Manufacturing

- TABC, Inc. (Toyota) — Long Beach


## R\&D

- Acura Design Studio - Torrance
- American Honda Motor Co., Inc., R\&D Business Unit and Honda Design Studio Torrance
- Audi Advanced Driver Assistance R\&D (Volkswagen) - San Jose
- Audi of America Design Loft (Volkswagen) - Malibu
- Audi Innovation Center (Volkswagen) - San Francisco


## R\&D (Continued)

- BMW Technology Office - Mountain View
- BMW of North America Engineering and Emission Test Center - Oxnard
- Calty Design Research (Toyota) — Newport Beach
- Calty Design Research (Toyota Innovation Hub) - Oakland
- Designworks (BMW Group) — Newbury Park
- Honda Innovations, Inc. - Mountain View
- Honda Proving Center of California - Cantil
- Honda Research Institute USA, Inc., Silicon Valley Research Office - San Jose
- Hyundai Kia America Technical Center, Inc. Proving Ground - California City
- Hyundai Kia America Technical Center, Inc. Engineering Facility - Chino
- Hyundai Kia America Technical Center, Inc. North American Quality Center - Chino
- Hyundai Kia America Technical Center, Inc. Design Center/Tech Facility — Irvine
- Hyundai Kia America Technical Center, Inc. Hyundai Ventures - Menlo Park
- Kia Design Center America - Irvine
- Mazda R\&D Irvine - Irvine
- Mercedes-Benz R\&D North America - Carlsbad
- Mercedes-Benz R\&D North America - Long Beach
- Mercedes-Benz R\&D North America - Sunnyvale
- Nissan Design America - San Diego
- Nissan Research Center Silicon Valley - Santa Clara
- Nissan Technical Center Fuel Cell Research Center - West Sacramento
- Subaru Research \& Development - Cypress
- Subaru Research \& Development - Tustin
- Toyota Racing Development - Costa Mesa
- Toyota Research Institute - Palo Alto
- Toyota InfoTechnology Center U.S.A., Inc. - Mountain View
- Volkswagen Innovation and Engineering Center California - Belmont
- Volkswagen Test Center California - Oxnard
- Volkswagen Design Center - Santa Monica
- Volvo Car Design Studio - Camarillo
- Volvo Car Technology - Sunnyvale


## Finance

- American Honda Finance Corporation Western Service Center - Cypress
- Hyundai Capital America - Newport Beach
- Hyundai Capital Irvine Headquarters - Irvine
- Toyota Financial Services District Sales and Service Office - Arcadia


## Sales and Training

- BMW of North America Regional Office - Newbury Park
- BMW of North America Training Center — Ontario
- Honda / Acura - Torrance
- Hyundai Motor America Service Engineer - Fountain Valley
- Hyundai Western Region - Fountain Valley
- Hyundai Warranty Technical Center - Fountain Valley
- Hyundai Western Satellite Service Training Center - San Jose
- Infiniti Regional Office - Irvine
- Jaguar Land Rover Regional Office/Regional Training Center - Irvine
- Kia Regional Office — Irvine
- Kia Training Center - Irvine
- Lexus Division Area Office - Irvine
- Mazda Regional Office - Irvine
- Mazda Technical Service - Irvine
- Mazda Training Center - Irvine
- Mazda Training Center - Pleasanton
- Mercedes-Benz USA Western Region Office - Long Beach
- Mitsubishi Motors Regional Office - Costa Mesa
- Nissan Regional Office - Irvine
- Nissan Service Training Center - Livermore
- Nissan Service Training Center - Ontario
- Subaru Zone Office - Costa Mesa
- Subaru Area Training Center - Rialto
- Subaru Zone Office - Pleasanton
- Subaru Area Training Center - Stockton
- Toyota Motor Sales U.S.A., Inc. Regional Office - Irvine
- Toyota Motor Sales U.S.A., Inc. Regional Office - San Ramon
- Volkswagen, Audi, and Volkswagen Credit, Inc. Regional Offices - Woodland Hills
- Volvo Car USA - Irvine


## Parts Centers

- BMW of North America Regional Parts Distribution Center - Redlands
- BMW of North America Regional Parts Distribution Center - Stockton
- Honda Parts Distribution Center - Chino
- Honda Parts Distribution Center - French Camp
- Honda Parts Distribution Center - Torrance


## Parts Centers (Continued)

- Jaguar Western Parts Distribution Center - Brisbane
- Land Rover Western Parts Distribution Center - Ontario
- Mercedes-Benz USA Parts Distribution Center - Fontana
- Mitsubishi Motors Parts Distribution Center — Riverside
- Mobis Parts Distribution Center (Kia) — Riverside
- Nissan Parts Distribution Center - Compton
- Nissan Parts Distribution Center - Riverside
- Nissan Parts Distribution Center - Sacramento
- Subaru Regional Distribution Center — Rialto
- Toyota Parts Center - Ontario
- Toyota Parts Distribution Center - San Ramon
- Toyota Parts Distribution Center - Torrance
- Volkswagen Parts Distribution Center - Ontario
- Volkswagen Parts Distribution Center - Rocklin
- Volvo Car USA Parts Distribution Center - Ontario


## Other

- BMW iVentures - Mountain View
- BMW of North America Vehicle Distribution Center - Oxnard
- BMW National Workshop - Riverside
- BMW Group Representative Office - Sacramento
- BMW Performance Center West - Thermal
- Jaguar Land Rover Vehicle Distribution Center - Port Hueneme
- Mercedes-Benz USA Classic Car Center - Irvine
- Mercedes-Benz USA VPC \& Learning and Performance Center - Long Beach
- North American Subaru Inc. - Cypress
- Toyota Port/Transport Operations - Benecia
- Toyota Port/Transport Operations - Long Beach
- Toyota Logistics Services, Inc./Transport Operations - Richmond
- Toyota Logistics Services, Inc./Marshalling Yard — San Diego


## Colorado

Economic Impact in Colorado
\$183 million invested
232 direct employment
\$44 million purchased from U.S. suppliers in 2021
157 international nameplate dealerships
10,366 dealership jobs
\$847 million dealership employee compensation
153,833 new vehicles sold in 2021
59\% market share of new vehicle sales in Colorado
22,419 new green vehicles sold in 2021
65\% market share of new green vehicle sales in Colorado

## International Automaker Facilities

## R\&D

- Audi Test Lab (Volkswagen) - Golden
- Honda R\&D Americas, LLC - Denver


## Finance

- Toyota Financial Services District Sales and Service Office - Englewood


## Sales and Training

- Honda Zone Office - Englewood
- Hyundai Motor America Regional Office - Mountain States Region Greenwood Village
- Nissan Regional Office - Denver
- Subaru AreaTraining Office - Aurora
- Subaru Regional Office - Glendale
- Subaru Zone Office - Glendale
- Toyota Motor Sales U.S.A., Inc. Regional Office - Englewood


## Parts Center

- Subaru Regional Distribution Center - Aurora


## Other

- Honda Eagle Rock School - Estes Park
- Nissan Data Center - Englewood


## Connecticut

## Economic Impact in Connecticut

\$26 million purchased from U.S. suppliers in 2021

176 international nameplate dealerships
8,150 dealership jobs
\$641 million dealership employee compensation
112,871 new vehicles sold in 2021
71\% market share of new vehicle sales in Connecticut
13,957 new green vehicles sold in 2021
$\mathbf{7 2 \%}$ market share of new green vehicle sales in Connecticut

International Automaker Facilities
Parts Center

- Honda Parts Distribution Center - Windsor Locks


## Delaware

Economic Impact in Delaware
\$9 million purchased from U.S. suppliers in 2021
36 international nameplate dealerships
2,070 dealership jobs
\$150 million dealership employee compensation
14,223 new vehicles sold in 2021
72\% market share of new vehicle sales in Delaware
3,116 new green vehicles sold in 2021
69\% market share of new green vehicle sales in Delaware

## District of Columbia

## Economic Impact in District of Columbia

\$14 million invested
98 direct employment
\$3 million purchased from U.S. suppliers in 2021


24,763 new vehicles sold in 2021
55\% market share of new vehicle sales in District of Columbia
3,213 new green vehicles sold in 2021
68\% market share of new green vehicle sales in District of Columbia

## International Automaker Facilities

- BMW Group Government and External Affairs - Washington, D.C.
- Honda Government and Industry Relations Office - Washington, D.C.
- Hyundai Motor Company Government Affairs - Washington, D.C.
- Kia Corporation Government Affairs - Washington, D.C.
- Mazda North American Operations Government and Public Affairs - Washington, D.C.
- Mercedes-Benz USA/Daimler External Affairs - Americas - Washington, D.C.
- North American Subaru, Inc. Government Relations - Washington, D.C.
- Toyota Motor North America, Inc. Government Affairs - Washington, D.C.
- Volkswagen Group of America Public Affairs - Washington, D.C.
- Volvo Car Corporation Government Affairs - Washington, D.C.


## Florida

## Economic Impact in Florida

\$109 million invested
506 direct employment
\$196 million purchased from U.S. suppliers in 2021
615 international nameplate dealerships
49,595 dealership jobs
\$4.2 billion dealership employee compensation
905,566 new vehicles sold in 2021
68\% market share of new vehicle sales in Florida
$\mathbf{7 2 , 4 1 5}$ new green vehicles sold in 2021
62\% market share of new green vehicle sales in Florida

## International Automaker Facilities

Finance

- Volvo Car Financial Services - Pompano Beach


## Sales and Training

- Hyundai Southern Satellite Service Training Center - Orlando
- Kia Training Center - Orlando
- Mazda Training Center - Alamonte Springs
- Mazda Regional Office - Jacksonville
- Mercedes-Benz Learning and Performance Center - Jacksonville
- Mercedes-Benz USA Southern Region Office - Jacksonville
- Mitsubishi Motors Regional Office - Lake Mary
- Nissan Service Training Center - Miramar
- Subaru Area Training Office - Melbourne
- Subaru Zone Office - Orlando


## Georgia

Economic Impact in Georgia
\$3 billion invested

## Production

$\mathbf{2 5 5 , 1 0 0}$ vehicles produced in 2021
100\% of total auto production in Georgia
$\$ 1.9$ billion purchased from U.S. suppliers

## Sales

268 international nameplate dealerships
281,175 new vehicles sold in 2021
60\% market share of new vehicle sales in Georgia
24,195 new green vehicles sold in 2021
67\% market share of new green vehicle sales in Georgia

## Employment

69,366 total jobs generated in Georgia

- 5,236 direct employment
- 17,043 dealership jobs
- 47,087 other indirect employment
$\$ 4.4$ billion total employee compensation
- $\$ 1.4$ billion dealership employee compensation
- \$3 billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in Georgia generated:

- \$706 million in state and local tax receipts and other revenues
- \$969 million in federal tax receipts and other revenues for the
federal government

The operations and related activities of international automakers and auto dealers in the U.S. contributed $\mathbf{\$ 7 . 5}$ billion to Georgia's Gross State Product (GSP) in 2021.

## Vehicles Made in Georgia



Kia K5*


Kia Sorento*


Kia Sportage

Three models manufactured by international automakers in Georgia are exported to 11 countries and territories around the globe.

## $\underset{\sim}{\square}$

International automakers exported 25 models from the Georgia seaports of Brunswick and Savannah in 2021.

## International Automaker Facilities

Manufacturing

- Honda Transmission Plant - Georgia - Tallapoosa
- Kia Georgia - West Point


## Headquarters

- Mercedes-Benz USA - Sandy Springs/Atlanta
- Porsche Cars North America - Atlanta


## Finance

- American Honda Finance Corporation Eastern Service Center - Alpharetta
- Hyundai Capital America - Atlanta
- Toyota Financial Services District Sales and Service Office - Alpharetta


## Sales and Training

- BMW North America Training Center - College Park
- Honda/Acura Zone Office - Alpharetta
- Hyundai Motor America Regional Office - Marietta
- Infiniti Regional Office - Atlanta
- Jaguar Land Rover Academy - Atlanta
- Jaguar Land Rover North America - Atlanta
- Kia Regional Office - Atlanta
- Kia Training Center - Lawrenceville
- Lexus Division Area Office - Alpharetta
- Mazda Training Center - Marietta
- Nissan Regional Office - Atlanta
- Nissan Service Training Center - Marietta
- Subaru Regional Distribution Center - Lithia Springs
- Subaru Area Training Center - Lithia Springs
- Subaru Zone Office - Lithia Springs
- Volkswagen, Audi, and Volkswagen Credit, Inc. Regional Offices - Alpharetta


## Parts Centers

- Honda Parts Distribution Center - Alpharetta
- Jaguar South Eastern Parts Distribution Center - Atlanta
- Mazda Parts Distribution Center - McDonough
- Mitsubishi Motors Parts Distribution Center - Lithia Springs
- Mobis Parts Distribution Center (Hyundai/Kia) - Lawrenceville


## Other

- BMW of North America Vehicle Distribution Center - Brunswick
- Honda Lock-America Co., Inc. - Bremen
- Jaguar Land Rover Vehicle Distribution Centers - Brunswick
- Mercedes-Benz Vehicle Preparation Center - Brunswick
- Southeast Toyota Distributors (Independent Distributer) - Commerce


## Hawaii

## Economic Impact in Hawaii

40 international nameplate dealerships
2,419 dealership jobs
\$198 million dealership employee compensation
$\mathbf{5 0 , 5 4 8}$ new vehicles sold in 2021
75\% market share of new vehicle sales in Hawaii
4,724 new green vehicles sold in 2021
56\% market share of new green vehicle sales in Hawaii

## International Automaker Facilities

## Other

- Subaru Independent Distributor - Honolulu
- Toyota Independent Distributor - Honolulu


## Idaho

## Economic Impact in Idaho

\$9 million purchased from U.S. suppliers in 2021
60 international nameplate dealerships
3,213 dealership jobs
\$241 million dealership employee compensation
38,584 new vehicles sold in 2021
53\% market share of new vehicle sales in Idaho
$\mathbf{5 , 4 9 6}$ new green vehicles sold in 2021
75\% market share of new green vehicle sales in Idaho


## Illinois

Economic Impact in Illinois

## \$1.4 billion invested

1,263 direct employment
\$3.5 billion purchased from U.S. suppliers in 2021
378 international nameplate dealerships
18,644 dealership jobs
\$1.3 billion dealership employee compensation
313,377 new vehicles sold in 2021
60\% market share of new vehicle sales in Illinois
37,006 new green vehicles sold in 2021
69\% market share of new green vehicle sales in Illinois

## International Automaker Facilities

Finance

- Volkswagen Credit Call Center - Libertyville


## Sales and Training

- BMW of North America Regional Office - Schaumberg
- Honda Zone Office - Hoffman Estates
- Hyundai Motor America Regional Office - Oakbrook Terrace
- Jaguar Land Rover Regional Office - Naperville
- Kia Regional Office - Downers Grove
- Kia Training Center — Lombard
- Lexus Division Area Office - Naperville
- Mazda Regional Office - Oakbrook Terrace
- Mazda Training Center - Schaumburg
- Mercedes-Benz USA Central Region Office - Carol Stream
- Nissan Regional Office - Aurora
- Nissan Service Training Center - Aurora


## Sales and Training (Continued)

- Subaru Area Training Center - Elgin
- Subaru Regional Office - Itasca
- Subaru Zone Office - Itasca
- Toyota Motor Sales U.S.A., Inc. Regional Office - Aurora
- Volkswagen and Audi Regional Offices - Rosemont
- Volvo Dealer Training Academy - Naperville


## Parts Centers

- BMW of North America Regional Parts Distribution Center - Minooka
- Hyundai Motor America Midwest Parts Distribution Center - Aurora
- Mazda Parts Distribution Center - Aurora
- Mercedes-Benz Parts Distribution Center - Carol Stream
- Mobis Parts Distribution Center (Hyundai/Kia) - Aurora
- Nissan Parts Distribution Center - Aurora
- Toyota Parts Distribution Center - Aurora


## Indiana

Economic Impact in Indiana
\$9.2 billion invested

## Production

853,795 vehicles produced in 2021


73\% of total auto production in Indiana
$\mathbf{\$ 2 3 . 3}$ billion purchased from U.S. suppliers

## Sales

190 international nameplate dealerships
117,345 new vehicles sold in 2021
49\% market share of new vehicle sales in Indiana
14,809 new green vehicles sold in 2021
72\% market share of new green vehicle sales in Indiana

## Employment

133,803 total jobs generated in Indiana

- 15,736 direct employment
- 8,470 dealership jobs
- 109,597 other indirect employment
\$9.1 billion total employee compensation
- \$588 million dealership employee compensation
- \$8.5 billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in Indiana generated:

- \$1.1 billion in state and local tax receipts and other revenues
- \$2 billion in federal tax receipts and other revenues for the
federal government

The operations and related activities of international automakers and auto dealers in the U.S. contributed $\mathbf{\$ 1 8}$ billion (4.3\%) to Indiana's Gross State Product (GSP) in 2021.

## (8)

Eleven models manufactured by international automakers in Indiana are
exported to $\mathbf{7 5}$ countries and territories around the globe.

## Vehicles Made in Indiana



Honda Insight ${ }^{*++}$


Subaru Ascent*


Subaru Outback*


Honda Civic*


Subaru Impreza*


Toyota Highlander*

Honda CR-V*


Subaru Legacy*


Toyota Highlander Hybrid*

## International Automaker Facilities

Manufacturing

- Honda Indiana Auto Plant - Greensburg
- Subaru of Indiana Automotive - Lafayette
- Toyota Motor Manufacturing Indiana - Princeton


## R\&D

- Subaru Research \& Development - Lafayette


## Parts Center

- Subaru Regional Distribution Center - Lebanon


## Other

- North American Subaru Inc. - Lafayette
- Subaru Field Service - Lafayette
- Subaru Yard Operations - Lafayette
- Toyota Logistics Services, Inc./Marshalling Yard - Princeton


Toyota Sequoia ${ }^{*++}$


Toyota Sienna Hybrid*
*Exported from America
+Production at this facility ended in 2022
Vehicles are made, built, or manufactured in the United States using domestio and globally souroed parts.

## lowa

Economic Impact in lowa
721 direct employment
\$15 million purchased from U.S. suppliers in 2021
94 international nameplate dealerships
3,330 dealership jobs
\$233 million dealership employee compensation
$\mathbf{5 0 , 8 1 2}$ new vehicles sold in 2021
41\% market share of new vehicle sales in lowa
6,931 new green vehicles sold in 2021
73\% market share of new green vehicle sales in lowa

## International Automaker Facilities

## Finance

- Toyota Financial Services Customer Service Center - Cedar Rapids


## Parts Center

- Honda Parts Distribution Center - Davenport


## Kansas

## Economic Impact in Kansas

\$32 million purchased from U.S.
suppliers in 2021
86 international nameplate dealerships
3,496 dealership jobs
\$233 million dealership employee compensation
45,803 new vehicles sold in 2021
48\% market share of new vehicle sales in Kansas
$\mathbf{5 , 1 5 7}$ new green vehicles sold in 2021
69\% market share of new green vehicle sales in Kansas

International Automaker Facilities
Sales

- Subaru Area Training Center - Lenexa


## Kentucky

## Economic Impact in Kentucky

\$8.5 billion invested


## Production

438,202 vehicles produced in 2021
44\% of total auto production in Kentucky
\$12 billion purchased from U.S. suppliers

## Sales

110 international nameplate dealerships
80,303 new vehicles sold in 2021
$\mathbf{5 3 \%}$ market share of new vehicle sales in Kentucky
$\mathbf{8 , 2 5 2}$ new green vehicles sold in 2021
77\% market share of new green vehicle sales in Kentucky

## Employment

68,965 total jobs generated in Kentucky
-9,209 direct employment

- 5,555 dealership jobs
- 54,201 other indirect employment
\$4.7 billion total employee compensation
- \$392 million dealership employee compensation
- \$4.3 billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in Kentucky generated:

[^2]
## International Automaker Facilities

Manufacturing

- Toyota Motor Manufacturing Kentucky - Georgetown

R\&D

- Toyota Production Engineering and Manufacturing Center - Georgetown


## Parts Center

- Toyota Parts Distribution Center - Hebron

Other

- Toyota Logistics Services, Inc./Marshalling Yard - Georgetown


## Louisiana

Economic Impact in Louisiana
\$3 million purchased from U.S. suppliers in 2021

149 international nameplate dealerships
7,336 dealership jobs
\$523 million dealership employee compensation
107,253 new vehicles sold in 2021
$\mathbf{5 1 \%}$ market share of new vehicle sales in Louisiana
6,787 new green vehicles sold in 2021
75\% market share of new green vehicle sales in Louisiana

## Maine

Economic Impact in Maine
\$27 million purchased from U.S. suppliers in 2021
66 international nameplate dealerships
2,597 dealership jobs
\$183 million dealership employee compensation
36,972 new vehicles sold in 2021
$\mathbf{5 5 \%}$ market share of new vehicle sales in Maine
$\mathbf{5 , 4 1 5}$ new green vehicles sold in 2021
$\mathbf{8 0 \%}$ market share of new green vehicle sales in Maine

## Maryland

Economic Impact in Maryland
\$101 million invested
744 direct employment
\$139 million purchased from U.S. suppliers in 2021
216 international nameplate dealerships
13,797 dealership jobs
\$1.1 billion dealership employee compensation
186,822 new vehicles sold in 2021
67\% market share of new vehicle sales in Maryland
$\mathbf{2 7 , 0 7 3}$ new green vehicles sold in 2021
71\% market share of new green vehicle sales in Maryland

## International Automaker Facilities

Finance

- Toyota Financial Services Customer Service Center - Owings Mills


## Sales and Training

- Subaru Zone Office - Columbia
- Subaru Area Training Center - Frederick
- Toyota Motor Sales U.S.A., Inc. Regional Office - Glen Burnie


## Parts Centers

- Nissan Parts Distribution Center - Curtis Bay
- Toyota Parts Distribution Center - Glen Burnie


## Other

- BMW of North America Vehicle Distribution Center - Baltimore
- Jaguar Land Rover Vehicle Distribution Centers - Baltimore
- Mercedes-Benz Vehicle Preparation Center - Baltimore


## Massachusetts

## Economic Impact in Massachusetts

\$70 million invested
338 direct employment

\$174 million purchased from U.S. suppliers in 2021
245 international nameplate dealerships
12,474 dealership jobs
\$1.1 billion dealership employee compensation
219,503 new vehicles sold in 2021
69\% market share of new vehicle sales in Massachusetts
31,115 new green vehicles sold in 2021
$\mathbf{7 3 \%}$ market share of new green vehicle sales in Massachusetts

## International Automaker Facilities

## R\&D

- Toyota Research Institute - Cambridge


## Sales and Training

- Hyundai Motor America Service Training Center — Shrewsbury
- Kia Training Center - Marlborough
- Mazda Training Center - Mansfield
- Toyota Motor Sales U.S.A., Inc. Regional Office — Mansfield


## Parts Center

- Toyota Parts Distribution Center - Mansfield


## Other

- Hyundai America Technical Center, Inc. - Cambridge
- Subaru Independent Distributor - Norwood


## Michigan

Economic Impact in Michigan
\$1.7 billion invested
2,866 direct employment
$\mathbf{\$ 8 . 4}$ billion purchased from U.S. suppliers in 2021
228 international nameplate dealerships
9,464 dealership jobs
\$702 million dealership employee compensation
123,786 new vehicles sold in 2021
24\% market share of new vehicle sales in Michigan
14,848 new green vehicles sold in 2021
45\% market share of new green vehicle sales in Michigan

## International Automaker Facilities

## Headquarters

- Maserati North America, Inc. - Auburn Hills
- Mercedes-Benz USA Financial Services - Farmington Hills


## R\&D

- American Honda Motor Co., Inc., Ann Arbor Test Lab - Ann Arbor
- American Honda Motor Co., Inc., Pontiac Office - Auburn Hills
- American Honda Motor Co., Inc., Warren Office - Warren
- Calty Design Research (Toyota) - Ann Arbor
- Honda Research Institute USA, Inc., Detroit Research Office - Ann Arbor
- Hyundai-Kia America Technical Center, Inc. - Superior Township
- Mercedes-Benz R\&D North America - Ann Arbor
- Mercedes-Benz R\&D North America - Redford
- Mitsubishi Motors R\&D of America, Inc - Ann Arbor
- Nissan Technical Center North America - Farmington Hills
- Subaru Research \& Development - Van Buren Township
- Toyota Motor North America R\&D - Ann Arbor
- Toyota Research Institute - Ann Arbor
- Toyota Motor North America R\&D - Saline


## Other

- Mazda Wixom Center - Wixom
- Mazda Quality Research Building — Woodhaven
- North American Subaru Inc. - Van Buren Township
- Toyota Motor Sales U.S.A., Inc. Public Relations - Detroit
- Volkswagen Call Center and Technical Services - Auburn Hills


## Minnesota

Economic Impact in Minnesota
\$47 million purchased from U.S. suppliers in 2021

123 international nameplate dealerships
6,612 dealership jobs
\$442 million dealership employee compensation
112,550 new vehicles sold in 2021
$\mathbf{5 1 \%}$ market share of new vehicle sales in Minnesota
14,383 new green vehicles sold in 2021
68\% market share of new green vehicle sales in Minnesota

International Automaker Facilities
Sales and Training

- Subaru Area Training Center - Bloomington
- Subaru Zone Office - Minneapolis


## Mississippi

Economic Impact in Mississippi
\$4.7 billion invested

## Production

327,832 vehicles produced in 2021
100\% of total auto production in Mississippi
$\mathbf{\$ 2 . 7}$ billion purchased from U.S. suppliers

## Sales

83 international nameplate dealerships
58,615 new vehicles sold in 2021
$\mathbf{5 6 \%}$ market share of new vehicle sales in Mississippi
3,416 new green vehicles sold in 2021
76\% market share of new green vehicle sales in Mississippi

## Employment

28,928 total jobs generated in Mississippi
-6,879 direct employment

- 3,572 dealership jobs
- 18,477 other indirect employment
\$1.7 billion total employee compensation
- \$242 million dealership employee compensation
- $\$ 1.5$ billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in Mississippi generated:

[^3]The operations and related activities of international automakers and auto dealers in the U.S. contributed $\mathbf{\$ 3 . 6}$ billion (2.8\%) to

Vehicles Made in Mississippi


Nissan Altima*


Nissan Frontier*


Nissan Titan*


Nissan Titan XD


Toyota Corolla*
*Exported from America
*Exported from America
Vehicles are made, built, or manufactured in the United States using domestic and globally sourced parts.

## (3)

Four models manufactured by international automakers in Mississippi are exported to nine countries and territories around the globe.

## International Automaker Facilities

## Manufacturing

- Nissan Canton Vehicle Assembly Plant - Canton
- Toyota Motor Manufacturing Mississippi — Blue Springs

Other

- Toyota Logistics Services, Inc./Marshalling Yard - Tupelo


## Missouri

## Economic Impact in Missouri

## \$443 million invested

\$652 million purchased from U.S. suppliers

## Sales

154 international nameplate dealerships
119,119 new vehicles sold in 2021
44\% market share of new vehicle sales in Missouri
14,186 new green vehicles sold in 2021
69\% market share of new green vehicle sales in Missouri

## Employment

29,441 total jobs generated in Missouri

- 988 direct employment
-7,830 dealership jobs
- 20,623 other indirect employment
$\$ 1.7$ billion total employee compensation
- \$548 million dealership employee compensation
- $\$ 1.2$ billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in Missouri generated:

- \$259 million in state and local tax receipts and other revenues - \$364 million in federal tax receipts and other revenues for the federal government


## Montana

Economic Impact in
Montana
\$4 million purchased from U.S. suppliers
in 2021
40 international nameplate dealerships
1,599 dealership jobs
\$109 million dealership employee compensation
23,872 new vehicles sold in 2021
42\% market share of new vehicle sales in Montana
3,337 new green vehicles sold in 2021
75\% market share of new green vehicle sales in Montana

## Nevada

## Economic Impact in Nevada

\$2 million purchased from U.S. suppliers in 2021
66 international nameplate dealerships
5,940 dealership jobs
\$554 million dealership employee compensation
83,910 new vehicles sold in 2021
61\% market share of new vehicle sales in Nevada
10,281 new green vehicles sold in 2021
59\% market share of new green vehicle sales in Nevada

International Automaker Facilities
Finance

- Toyota Financial Savings Bank - Henderson


## Nebraska

## Economic Impact in Nebraska


\$40 million purchased from U.S. suppliers
in 2021
54 international nameplate dealerships
2,352 dealership jobs
\$159 million dealership employee compensation
36,439 new vehicles sold in 2021
45\% market share of new vehicle sales in Nebraska
3,920 new green vehicles sold in 2021
67\% market share of new green vehicle sales in Nebraska

## New Hampshire

## Economic Impact in New Hampshire

\$25 million purchased from U.S. suppliers in 2021
90 international nameplate dealerships
3,871 dealership jobs
\$348 million dealership employee compensation
54,999 new vehicles sold in 2021
57\% market share of new vehicle sales in New Hampshire
6,104 new green vehicles sold in 2021
77\% market share of new green vehicle sales in New Hampshire

## New Jersey

Economic Impact in New Jersey
\$1.1 billion invested
3,775 direct employment
\$779 million purchased from U.S. suppliers in 2021
325 international nameplate dealerships
19,520 dealership jobs
$\$ 1.8$ billion dealership employee compensation
361,333 new vehicles sold in 2021
70\% market share of new vehicle sales in New Jersey
36,990 new green vehicles sold in 2021
64\% market share of new green vehicle sales in New Jersey

## International Automaker Facilities

Headquarters

- BMW of North America, LLC - Woodcliff Lake
- Ferrari North America, Inc. - Englewood Cliffs
- Jaguar Land Rover North America - Mahwah
- MINI of North America, LLC - Woodcliff Lake
- Rolls-Royce of North America, LLC - Woodcliff Lake
- Subaru of America, Inc. - Camden
- Volvo Car USA - Mahwah


## R\&D

- Subaru Research \& Development - Camden
- Volkswagen Allendale Test Center - Allendale


## Finance

- Toyota Financial Services Eastern Regional Office - Parsippany

Sales and Training

- Acura Training Center - Mt. Laurel
- BMW of North America Technical Training Center - Woodcliff Lake


## Sales and Training (Continued)

- Honda/Acura Zone Office - Mt. Laurel
- Hyundai Motor America Regional Office - Jamesburg
- Infiniti Regional Office - Somerset
- Kia Regional Office - Parsippany
- Lexus Division Area Office - Parsippany
- Mazda Regional Office - Bridgewater
- Mazda Training Center - Somerset
- Mitsubishi Motors Regional Office - Swedesboro
- Nissan Regional Office - Somerset
- Nissan Service Training Center - Somerset
- Subaru National Service Training Center - Camden
- Subaru Regional Office - Camden
- Subaru Zone Office - Camden
- Subaru Area Training Center - Florence
- Subaru Service Training Center - Pennsauken
- Toyota Motor Sales U.S.A., Inc. Regional Office - West Caldwell
- Volkswagen, Audi, and Volkswagen Credit, Inc. Regional Offices - Woodcliff Lake
- Volvo Car USA — Rockleigh


## Parts Centers

- Honda Parts Distribution Center - Mt. Laurel
- Jaguar Land Rover Eastern Parts Distribution Center - Mickleton
- Mercedes-Benz Master Parts Distribution Center - Robbinsville
- Mitsubishi Motors Parts Distribution Center - Swedesboro
- Mobis Parts Distribution Center (Hyundai/Kia) - Monroe Township
- Nissan Parts Distribution Center - Somerset
- Subaru Regional Distribution Center - Florence
- Toyota Parts Distribution Center - West Caldwell
- Volkswagen Parts Distribution Center - Cranbury
- Volvo Car USA Parts Distribution Center - Rutherford


## Other

- BMW National Workshop - Bordentown
- BMW of North America Vehicle Distribution Center - Jersey City
- North American Subaru Inc. - Camden
- North American Subaru Inc. - Pennsauken
- Toyota Port Operation - Newark


## New Mexico <br> Economic Impact in New Mexico

\$150 million purchased from U.S. suppliers in 2021

64 international nameplate dealerships
3,080 dealership jobs
\$218 million dealership employee compensation
42,655 new vehicles sold in 2021
52\% market share of new vehicle sales in New Mexico
4,769 new green vehicles sold in 2021
71\% market share of new green vehicle sales in New Mexico

## New York

Economic Impact in New York
\$155 million invested
284 direct employment
\$2.8 billion purchased from U.S. suppliers in 2021
537 international nameplate dealerships
26,656 dealership jobs
\$2.2 billion dealership employee compensation
603,682 new vehicles sold in 2021
66\% market share of new vehicle sales in New York
68,316 new green vehicles sold in 2021
74\% market share of new green vehicle sales in New York

## International Automaker Facilities

## Sales and Training

- BMW of Manhattan — New York
- Mercedes-Benz Manhattan - New York


## Other

- American Honda Investor Relations - New York
- Subaru Independent Distributor - Orangeburg
- Volvo Car USA - New York


## North Carolina

## Economic Impact in North Carolina

\$1 billion invested
1,691 direct employment
\$273 million purchased from U.S. suppliers in 2021
318 international nameplate dealerships
17,608 dealership jobs
\$1.3 billion dealership employee compensation
267,220 new vehicles sold in 2021
62\% market share of new vehicle sales in North Carolina
25,881 new green vehicles sold in 2021
69\% market share of new green vehicle sales in North Carolina

## International Automaker Facilities

Manufacturing

- Toyota Battery Toyota Manufacturing* - Liberty


## R\&D

- Toyota Racing Development - Salisbury

Sales and Training

- Subaru Area Training Center - Huntersville


## North Dakota

## Economic Impact in North Dakota

31 international nameplate dealerships
1,092 dealership jobs
\$70 million dealership employee compensation
11,251 new vehicles sold in 2021
32\% market share of new vehicle sales in North Dakota
1,092 new green vehicles sold in 2021
69\% market share of new green vehicle sales in North Dakota

## Ohio

Economic Impact in Ohio
\$15 billion invested

## Production

416,176 vehicles produced in 2021
51\% of total auto production in Ohio
\$9.4 billion purchased from U.S. suppliers

## Sales

366 international nameplate dealerships
300,072 new vehicles sold in 2021
$\mathbf{5 5 \%}$ market share of new vehicle sales in Ohio
25,711 new green vehicles sold in 2021
$65 \%$ market share of new green vehicle sales in Ohio

## Employment

184,321 total jobs generated in Ohio

- 15,672 direct employment
- 17,690 dealership jobs
- 150,959 other indirect employment
\$12.5 billion total employee compensation
- \$1.3 billion dealership employee compensation
- $\mathbf{\$ 1 1 . 2}$ billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in Ohio generated:

[^4]The operations and related activities of international automakers and auto dealers in the U.S. contributed $\mathbf{\$ 2 0 . 4}$ billion (2.8\%) to Ohio's Gross State Product (GSP) in 2021.

## Vehicles Made in Ohio



Acura Integra ${ }^{+}$


Acura RDX*


Honda Accord Hybrid*


Acura MDX*


Acura NSX


Acura TLX*


Honda CR-V*


Honda Accord Sedan*


Honda CR-V Hybrid*

## Exported from America

Production started in 2022
Vehicles are made, built,or manufactured in the United States using domestio and globally sourced parts.

## (

Seven models manufactured by international automakers in Ohio are exported to $\mathbf{4 2}$ countries and territories around the globe.

## International Automaker Facilities

## Manufacturing

- Honda Anna Engine Plant - Anna
- Honda East Liberty Auto Plant - East Liberty
- Honda Marysville Auto Plant - Marysville
- Honda Performance Manufacturing Center - Marysville
- Honda Transmission Plant - Ohio - Russells Point


## R\&D

- American Honda Motor Co., Inc., Columbus Research Labs - Columbus
- Honda North American Auto Development Center - Raymond
- Honda Automotive Laboratories of Ohio (HALO) - East Liberty


## Finance

- BMW Financial Services NA, LLC - Hilliard


## Sales and Training

- Honda Zone Office - Troy
- Hyundai Central Satellite Service Training Center - Fairfield
- Nissan Service Training Center - Grove City
- Subaru Area Training Center - Dublin
- Subaru Zone Office - Dublin
- Toyota Motor Sales U.S.A., Inc. Regional Office - Cincinnati


## Parts Centers

- Honda Midwest Consolidation Center - Troy
- Honda Parts Distribution Center - Troy
- Toyota Parts Distribution Center - Cincinnati


## Other

- Honda Heritage Center - Marysville
- Honda Lock-America Co., Inc. - Marysville


## Oklahoma

Economic Impact in Oklahoma

89 international nameplate dealerships
4,212 dealership jobs
\$305 million dealership employee compensation
227,938 new vehicles sold in 2021
$\mathbf{5 4 \%}$ market share of new vehicle sales in Oklahoma
12,887 new green vehicles sold in 2021
64\% market share of new green vehicle sales in Oklahoma

## Oregon

Economic Impact in Oregon
\$101 million invested
686 direct employment
\$41 million purchased from U.S. suppliers in 2021
138 international nameplate dealerships
7,125 dealership jobs
\$548 million dealership employee compensation
114,166 new vehicles sold in 2021
67\% market share of new vehicle sales in Oregon
23,489 new green vehicles sold in 2021
75\% market share of new green vehicle sales in Oregon

## International Automaker Facilities <br> R\&D

- Jaguar Land Rover Global Digital Design Center - Portland


## Finance

- Volkswagen Credit Call Center - Hillsboro


## Sales and Training

- Honda Zone Office - Portland
- Subaru Area Training Center - Portland
- Subaru Zone Office - Portland
- Toyota Motor Sales U.S.A., Inc. Regional Office - Portland


## Parts Centers

- Honda Parts Distribution Center - Gresham
- Honda Parts Distribution Center - Portland
- Subaru Master Distribution Center - Gresham


## Parts Centers (Continued)

- Subaru Regional Distribution Center - Portland
- Toyota Parts Distribution Center - Portland

Other

- Toyota Port/Transport Operations - Portland


## $\stackrel{?}{3}$

International automakers exported 12 models from the seaport of Portland in 2021.

## Pennsylvania

## Economic Impact in Pennsylvania

\$23 million invested
284 direct employment
\$799 million purchased from U.S. suppliers in 2021
496 international nameplate dealerships
22,578 dealership jobs
\$1.5 billion dealership employee compensation
363,532 new vehicles sold in 2021
61\% market share of new vehicle sales in Pennsylvania
39,270 new green vehicles sold in 2021
74\% market share of new green vehicle sales in Pennsylvania

## International Automaker Facilities

## Sales and Training

- Kia Training Center - Allentown


## Parts Centers

- BMW of North America Continental Distribution Center - Easton
- BMW of North America Regional Parts Distribution Center - Nazareth
- Mazda Parts Distribution Center - Covington Township


## Rhode Island

Economic Impact in Rhode Island
\$40 million purchased from U.S. suppliers in 2021
40 international nameplate dealerships
2,065 dealership jobs
\$153 million dealership employee compensation

$d$

32,529 new vehicles sold in 2021
70\% market share of new vehicle sales in Rhode Island
3,885 new green vehicles sold in 2021
79\% market share of new green vehicle sales in Rhode Island

## South Carolina

## Economic Impact in South Carolina

## $\$ 13.8$ billion invested

## Production

498,546 vehicles produced in 2021
100\% of total auto production in South Carolina
\$14.6 billion purchased from U.S. suppliers

## Sales

150 international nameplate dealerships
128,100 new vehicles sold in 2021
61\% market share of new vehicle sales in South Carolina 10,088 new green vehicles sold in 2021
71\% market share of new green vehicle sales in South Carolina

## Employment

79,117 total jobs generated in South Carolina
-15,221 direct employment

- 8,308 dealership job
- 55,588 other indirect employment
$\$ 5.2$ billion total employee compensation
- \$620 million dealership employee compensation
- \$4.6 billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in South Carolina generated:

- \$809 million in state and local tax receipts and other revenues
- \$1.2 billion in federal tax receipts and other revenues for the
federal government

The operations and related activities of international automakers and auto dealers in the U.S. contributed \$10.2 billion (3.8\%) to South Carolina's Gross State Product (GSP) in 2021.

Seven models manufactured by international automakers in South Carolina are exported to 117 countries and territories around the globe.

International automakers exported seven models from the seaport of Charleston in 2021.

## International Automaker Facilities

Manufacturing

- BMW Manufacturing Co. - Greer
- Mercedes-Benz Vans, LLC - Ladson
- Volvo Car Industrial Operations - Ridgeville


## R\&D

- BMW Group Information Technology Research Center - Greenville


## Sales and Training

- BMW of North America Training Center - Greer
- Volvo South Carolina Technical Center - Ridgeville
- Volvo Manufacturing Training Center - Ridgeville
- Volvo Car University — Ridgeville


## Parts Center

- BMW of North America Continental Distribution Center - Spartanburg
- Nissan Parts Distribution Center - Greenville


## Other

- BMW Performance Center - Greer
- Mercedes-Benz Marshalling Yard - Ladson
- Volvo Car US Operations - Summerville


## South Dakota

## Economic Impact in South Dakota

27 international nameplate dealerships
1,020 dealership jobs
\$69 million dealership employee compensation
13,541 new vehicles sold in 2021
36\% market share of new vehicle sales in South Dakota
1,471 new green vehicles sold in 2021
69\% market share of new green vehicle sales in South Dakota

## Tennessee

## Economic Impact in Tennessee

## \$13.1 billion invested

## Production

391,684 vehicles produced in 2021
80\% of total auto production in Tennessee
\$5.2 billion purchased from U.S. suppliers

## Sales

194 international nameplate dealerships
161,582 new vehicles sold in 2021
60\% market share of new vehicle sales in Tennessee
13,519 new green vehicles sold in 2021
69\% market share of new green vehicle sales in Tennessee

## Employment

117,015 total jobs generated in Tennessee
-15,301 direct employment

- 10,880 dealership jobs
- 90,734 other indirect employment
\$8.4 billion total employee compensation
- \$860 million dealership employee compensation
- \$7.5 billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in Tennessee generated:

- \$1.1 billion in state and local tax receipts and other revenues
- $\$ 1.8$ billion in federal tax receipts and other revenues for the
federal government

The operations and related activities of international automakers and auto dealers in the U.S. contributed $\mathbf{\$ 1 5 . 1}$ billion ( $\mathbf{( 3 . 6 \% )}$ ) to Tennessee's Gross State Product (GSP) in 2021.

## Vehicles Made in Tennessee



Infiniti QX60*


Nissan Murano*


Volkswagen Atlas*


Nissan LEAF*


Nissan Pathfinder*


Volkswagen Atlas Cross Sport*


Nissan Maxima*


Nissan Rogue*


Volkswagen Passat*

Exported from America
Vehicles are made, built, or manufactured in the United States using domestic and globally sourced parts.

## International Automaker Facilities

## Headquarters

- Infiniti Americas - Franklin
- Mitsubishi Motors North America, Inc. - Franklin
- Nissan North America - Franklin


## Manufacturing

- Infiniti Decherd Powertrain Plant - Decherd
- Nissan Decherd Powertrain Plant - Decherd
- Nissan Smyrna Vehicle Assembly Plant - Smyrna
- Toyota Motor Manufacturing Tennessee - Jackson
- Volkswagen Chattanooga Assembly Plant - Chattanooga


## R\&D

- Volkswagen Innovation Hub - Knoxville
- Volkswagen North American Engineering and Planning Center - Chattanooga


## Sales and Training

- Nissan Service Training Center - Franklin


## Parts Centers

- Honda Parts Distribution Center - Loudon
- Land Rover South Eastern Parts Distribution Center - Memphis
- Nissan Parts Distribution Memphis Low Volume Center - Memphis
- Nissan Parts Redistribution Center - Mt. Juliet
- Volkswagen Regional Distribution Center - Lenoir City


## Other

- Nissan Central Collision Center - Lebanon
- Nissan Customer Resource Center - Murfreesboro
- Nissan Field Quality Center - Smyrna
- Nissan Hanger - Smyrna

Nine models manufactured by international automakers in Tennessee are exported to $\mathbf{2 9}$ countries and territories around the globe.

## Texas

Economic Impact in Texas
\$5.3 billion invested

## Production

137,185 vehicles produced in 2021

$\mathbf{2 9 \%}$ of total auto production in Texas
\$2.4 billion purchased from U.S. suppliers

## Sales

627 international nameplate dealerships
766,662 new vehicles sold in 2021
$\mathbf{5 3 \%}$ market share of new vehicle sales in Texas
64,107 new green vehicles sold in 2021
63\% market share of new green vehicle sales in Texas

## Employment

138,546 total jobs generated in Texas

> - 10,108 direct employment

- 45,504 dealership jobs
- 82,934 other indirect employment
\$9.6 billion total employee compensation
- \$3.9 billion dealership employee compensation
- \$5.7 billion in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in Texas generated:

- \$1.6 billion in state and local tax receipts and other revenues
- \$2 billion in federal tax receipts and other revenues for the
federal government

The operations and related activities of international automakers and auto dealers in the U.S. contributed $\mathbf{\$ 1 7 . 6}$ billion to Texas's Gross State Product (GSP) in 2021.

## Vehicles Made in Texas



Toyota Sequoia ${ }^{\dagger}$


Toyota Tacoma*+†


Toyota Tundra*


Toyota Tundra Hybrid

Exported from America
Production began in 2022
+Production at this facility ended in 2022
Vehicles are made, built, or manufactured in the United States using domestic and globally sourced parts.

Two models manufactured by international automakers in Texas are exported to $\mathbf{1 1}$ countries and territories around the globe.

## Headquarters (Continued)

- Toyota Connected North America - Plano
- Toyota Financial Services - Plano
- Toyota Motor Credit Corporation - Plano
- Toyota Motor North America - Plano


## Manufacturing

- Toyota Motor Manufacturing Texas - San Antonio


## Finance

- American Honda Finance Corporate Central Service Center - Irving
- Hyundai Capital America - Plano
- Mercedes-Benz Financial Services USA — Fort Worth
- Nissan Motor Acceptance Corporation - Irving
- Toyota Financial Services Dealer Service Center - Plano
- Toyota Financial Services Data Center - Carollton


## Sales and Training

- Honda/Acura Zone Office - Irving
- Hyundai Motor America Regional Office - Coppell
- Kia Training Center - Lancaster
- Kia Regional Office - Plano
- Mazda Training Center - Grapevine
- Mazda Regional Office - Sugarland
- Mercedes-Benz Learning and Performance Center - Grapevine
- Mitsubishi Motors Regional Office - Irving
- Nissan Regional Office - Irving
- Nissan Service Training Center - Irving
- Subaru Area Training Center - Coppell
- Subaru Zone Office - Frisco
- Volvo Car USA Dealer Training Academy — Irving


## Parts Centers

- BMW with BMW of North America Vehicle Distribution Center - Galveston
- Honda Parts Distribution Center - Irving
- Mazda Parts Distribution Center - Grapevine
- Mercedes-Benz Parts Distribution Center - Grapevine


## Parts Centers (Continued)

- Mobis Parts Distribution Center (Hyundai/Kia) - Lancaster
- Nissan Parts Distribution Center - Irving
- Subaru Regional Distribution Center - Coppell
- Volkswagen Group of America Parts Distribution Center - Ft. Worth
- Volkswagen Parts Distribution Center - Haslet

Other

- BMW of North America Vehicle Distribution Center - Galveston
- North American Subaru Inc. - Grapevine
- Toyota AirFlite - McKinney
- Toyota Independent Distributor - Houston
- Toyota Logistics Services, Inc./Marshalling Yard — San Antonio
- Volkswagen South Central - Prosper


## Utah

Economic Impact in Utah
\$81 million purchased from U.S. suppliers in 2021
80 international nameplate dealerships
5,538 dealership jobs
\$430 million dealership employee compensation
73,708 new vehicles sold in 2021
54\% market share of new vehicle sales in Utah
9,244 new green vehicles sold in 2021
62\% market share of new green vehicle sales in Utah

## International Automaker Facilities

Finance

- BMW Bank of North America - Salt Lake City


## Vermont

Economic Impact in Vermont
\$148 million purchased from U.S. suppliers in 2021
42 international nameplate dealerships
1,443 dealership jobs
\$101 million dealership employee compensation
23,495 new vehicles sold in 2021
$\mathbf{5 7 \%}$ market share of new vehicle sales in Vermont
3,942 new green vehicles sold in 2021
72\% market share of new green vehicle sales in Vermont

## Virginia

Economic Impact in Virginia
\$186 million invested
1,010 direct employment
\$70 million purchased from U.S. suppliers in 2021
279 international nameplate dealerships
17,272 dealership jobs
1.3 billion dealership employee compensation

236,133 new vehicles sold in 2021
66\% market share of new vehicle sales in Virginia
30,947 new green vehicles sold in 2021
71\% market share of new green vehicle sales in Virginia

## International Automaker Facilities

Headquarters

- Audi - Herndon
- Bentley - Herndon
- Bugatti - Herndon
- Lamborghini - Herndon
- Volkswagen Electrify America - Reston
- Volkswagen Group of America - Herndon


## Sales and Training

- Hyundai Motor America Service Training Center - Fredericksburg
- Hyundai Motor America Regional Office - Mid-Atlantic Region - McLean
- Mazda Training Center - Colonial Heights
- Nissan Service Training Center - Sterling

Other

- Nissan North America, Inc. Government Affairs — Herndon


## Washington

## Economic Impact in Washington

\$16 million invested
310 direct employment
\$60 million purchased from U.S. suppliers in 2021
211 international nameplate dealerships
13,056 dealership jobs
\$1 billion dealership employee compensation
184,689 new vehicles sold in 2021
68\% market share of new vehicle sales in Washington
37,591 new green vehicles sold in 2021
69\% market share of new green vehicle sales in Washington

## International Automaker Facilities

R\&D

- Mercedes-Benz R\&D North America - Seattle
- Volkswagen Automotive Cloud, LLC — Redmond


## Sales and Training

- Kia Training Center - Kent
- Mazda Training Center - Kirkland
- Nissan Regional Office - Bellevue
- Nissan Service Training Center - Kent
- Subaru Area Training Center - Shoreline


## West Virginia

Economic Impact in West Virginia
\$1.9 billion invested
\$3.1 billion purchased from U.S. suppliers

## Sales

77 international nameplate dealerships
38,304 new vehicles sold in 2021
52\% market share of new vehicle sales in West Virginia
3,570 new green vehicles sold in 2021
$\mathbf{8 1 \%}$ market share of new green vehicle sales in West Virginia

## Employment

7,627 total jobs generated in West Virginia

- 1,909 direct employment
- 2,655 dealership jobs
- 3,063 other indirect employment
\$411 million total employee compensation
- \$160 million dealership employee compensation
- \$251 million in direct and other indirect employee compensation


## Revenues

The economic activity of international automakers in West Virginia generated:

- \$101 million in state and local tax receipts and other revenues
- \$88 million in federal tax receipts and other revenues for the federal government


## International Automaker Facilities

Manufacturing

- Toyota Motor Manufacturing West Virginia - Buffalo


## Wisconsin

## Economic Impact in Wisconsin

\$124 million purchased from U.S. suppliers in 2021
184 international nameplate dealerships
7,400 dealership jobs
\$449 million dealership employee compensation
111,954 new vehicles sold in 2021
49\% market share of new vehicle sales in Wisconsin
13,442 new green vehicles sold in 2021
71\% market share of new green vehicle sales in Wisconsin

## International Automaker Facilities

## Parts Center

- Volkswagen Parts Distribution Center - Pleasant Prairie


## Wyoming

## Economic Impact in Wyoming

19 international nameplate dealerships

## 817 dealership jobs

\$52 million dealership employee compensation
8,681 new vehicles sold in 2021
39\% market share of new vehicle sales in Wyoming
1,035 new green vehicles sold in 2021
74\% market share of new green vehicle sales in Wyoming


## International Automakers in America

## Aston Martin

U.S. Headquarters:

Irvine, California
U.S. Operations Established: 1964 astonmartin.com

Aston Martin Lagonda of
North America, Inc.
9920 Irvine Center Drive
Irvine, CA 92618
T 949.379.3100

## BMW Group

U.S. Headquarters:

Woodcliff Lake, New Jersey
U.S. Operations Established: 1975

Brands: BMW, MINI, and Rolls-Royce
bmwusa.com

BMW Group Government \&
External Affairs
900 G Street, NW
Suite 600
Washington, D.C. 2000

## Honda

U.S. Headquarters:

Torrance, California
U.S. Operations Established: 1959

Brands: Honda and Acura
hondainamerica.com

## Hyundai

U.S. Headquarters:

Fountain Valley, California
U.S. Operations Established: 1985

Brands: Hyundai and Genesis
hyundaiusa.com

American Honda Motor Co., Inc. Government \& Industry

## Relations

1001 G Street, NW
Suite 950
Washington, D.C. 20001
T 202.661.4400

Hyundai Motor Company Washington Office
660 N. Capitol Street, NW Suite 800
Washington, D.C. 20001
T 202.629.1555

## Jaguar Land Rover

U.S. Headquarters:

Mahwah, New Jersey
U.S. Operations Established: 2001
jaguarlandrover.com

Jaguar Land Rover Government Relations 100 Jaguar Land Rover Way Mahwah, NJ 07495
T 201.818.8500

## KIA

U.S. Headquarters:

Irvine, California
U.S. Operations Established: 1992
kia.com

## Maserati

U.S. Headquarters:

Auburn Hills, Michigan
U.S. Operations Established: 2001
maseratiusa.com

## Mazda

U.S. Headquarters:

Irvine, California
U.S. Operations Established: 1970
mazdausa.com

Kia Corporation
Government Affairs
601 New Jersey Avenue, NW
Suite 800
Washington, D.C. 20001
T 202.503.1515

Maserati North America, Inc.
1 Chrysler Drive
Auburn Hills, MI 48326
T 877.696.2737

## McLaren

U.S. Headquarters:

Coppell, Texas
U.S. Operations Established: 2010
mclaren.com

McLaren North America 1405 S Belt Line Rd
Suite 100
Coppell, TX 75019
T 855.202.8815

## Mercedes-Benz

U.S. Headquarters:

Sandy Springs/Atlanta, Georgia
U.S. Operations Established: 1965
group.mercedes-benz.com

Mercedes-Benz North America External Affairs
800 Maine Avenue, SW Suite 625
Washington, D.C. 20024
T 202.649.4501

## Mitsubishi Motors

Operations Government \&
Public Affairs
1025 Connecticut Avenue, NW
Suite 910
Washington, D.C. 20036
T 202.467.5095

Mitsubishi Motors R\&D
of America, Inc.
Government \& Industry Relations 3735 Varsity Drive
Ann Arbor, MI 48108
T 734.477.6119

## Nissan

U.S. Headquarters:

Franklin, Tennessee
U.S. Operations Established: 1958

Brands: Nissan and Infiniti
nissanusa.com

## Subaru

U.S. Headquarters:

Camden, New Jersey
U.S. Operations Established: 1968
subaru.com
North American Subaru, Inc.
Government Relations
1001 G Street, NW
Suite 300 East
Washington, D.C. 20001
T 856.488.8500

Suite 1000
Washington, D.C. 20004
T 202.463.6800

## Toyota

U.S. Headquarters:

Plano, Texas
U.S. Operations Established: 1958

Brands: Toyota and Lexus
toyota.com

Nissan North America, Inc.
Government Affairs
1 Nissan Way
Franklin, TN 37067
T 615.725.8742

Toyota Motor North America,
Inc. Government Affairs
325 7th Street, NW

## Volkswagen Group of America

## U.S. Headquarters:

Herndon, Virginia
U.S. Operations Established: 1955

Brands: Volkswagen, Audi, Bentley,
Bugatti, Lamborghini, and Porsche
volkswagengroupofamerica.com

## Volvo Cars

U.S. Headquarters:

Mahwah, New Jersey
U.S. Operations Established: 1955
volvocars.com/us

Volkswagen Group of America Public Affairs
601 Pennsylvania Avenue, NW Suite 740
Washington, D.C. 20004
T 202.899.1000

## Volvo Car Corporation

Government Affairs
House of Sweden 2900 K Street, NW
Suite 508
Washington, D.C. 20007
T 202.536.1607

## Sources used to compile the data in this report:

- The 2021 Autos Drive America and AIADA Economic Impact Survey
- AIADA's membership roster
- NADA DATA
- WardsAuto InfoBank
- IHS Markit New Vehicle Registration Data


## Automobile manufacturers participating in the 2021 Autos Drive America and AIADA Economic Impact Survey:

- BMW Group
- Honda
- Hyundai
- Kia
- Mazda
- Mercedes-Benz
- Mitsubishi Motors
- Nissan
- Subaru
- Toyota
- Volkswagen Group
- Volvo Cars

Indirect economic impacts for the U.S. and each state derived by SCOUT Economics using direct employment, dealer employment, and auto parts employment multipliers from the IMPLAN input-output model.

International Automakers \& Dealers Across America


Autos Drive America represents the U.S. operations of international motor vehicle manufacturers integral to America's workforce communities, and economy

As the voice of international automakers in the United States, Autos Drive America works closely with policymakers at all levels of government to advance policies that promote jobs, trade, and growth in the U.S. automotive industry.

## Autos Drive America

801 Pennsylvania Ava, NW, Suite 620
Washington, D.C. 20004
T 202-650-5555
www.AutosDriveAmerica.org

## = AIADA

The American International Automobile Dealers Association (AIADA)
erves as an advocate for international nameplate new automobile dealership franchises before Congress, the White House, and federal agencies. AIADA focuses lobbying efforts on issues impacting America's international nameplate automobile dealers, including. trade and anti-competitive restrictions; regulatory overreach; tax measures; energy and fuel economy policies; and other industry elated issues.

## American International Automobile

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# - Autos Drive <br> America. 


[^0]:    ource: Production data from WardsAuto nnfoBank for BMW Group, Honda, Hyundai, Kia, Mazda,

[^1]:    Retail and fleet sales CY2021 for Acura, Alfa Romeo, Aston Martin, Audi, Bentley, BMW, Bugatti, Ferrari, Fiat, Honda, Hyundai, Genesis, Infiniti,
    Jaguar, Kia, Karma, Lamborghini, Land Rover, Lexus, Lotus, Maserati, Mazda, McL Laren, Mercedes-Benz, MIN, Mitsubishi Motors, Nissan, Polestar Jaguar, Kia, Karma, Lamborghini, Land Rover, Lexus, Lotus, Maserati, Mazda, McLaren, Mercedes-Benz, MINI, Mitsubishi Motors, Nissan, Polestar, Source: Experian Information Solutions, Inc

[^2]:    - \$556 million in state and local tax receipts and other revenues
    - \$959 million in federal tax receipts and other revenues for the federal government

[^3]:    - \$317 million in state and local tax receipts and other revenues
    - \$395 million in federal tax receipts and other revenues for the federal government

[^4]:    - \$1.8 billion in state and local tax receipts and other revenues
    - \$2.6 billion in federal tax receipts and other revenues for the
    federal government

