

Data

■ New Model Prius Main Environmental Data

(Referencing: New model Prius Parts Catalog)

Rate of fuel consumption	10 · 15 mode fuel-efficiency rate *1 (National Land and Transport Agency survey values)		(km/L)	35.5 *2	38.0 *3	
	CO2 emissions volume		(g/km)	65	61	
	JC08 mode fuel-efficiency rate *1 (National Land and Transport Agency survey values)		(km/L)	30.4 *2	32.6 *3	
	CO2 emissions volume		(g/km)	76	71	
	Remarks		(All vehicles have cleared the 2010 fuel economy standard 4, and conform to the Green Purchasing Law)			
Main measures for improving fuel efficiency		Main measures for improving fuel efficiency Hybrid system, idling stop components, automatic non-stage transmission, variable valve timing, electric power steering				
Exhaust gases	Approved level and conforms to regulations (National Land and Transport Agency)			SU-LEV	*5 *6	
	Approved level values and conforming regulation values (g/km)	CO		1.15		
		NMHC *7		0.013		
		NOx		0.013		
Remarks		Conforms to LEV-7(Low-emission vehicle (standards in 8 municipalities incl. Tokyo, Osaka, Kyoto, and Kobe area				
Exterior noise	Conforming noise level regulation		(dB-A)	Acceleration speed noise regulation value : 76		
Air conditioning cooling use (type of refrigerant)		(g)		470 (Alternative freon HFC 134-a)		
SOC reductions	Lead		Achieved the Japan Automobile Manufacturers Association Self-Initiated Target (Less than 1/10 compared to 1996)			
	Mercury		Achieved the Japan Automobile Manufacturers Association Self-Initiated Target (Prohibited from use after January 2005)			
	Cadmium		Achieved the Japan Automobile Manufacturers Association Self-Initiated Target (Prohibited from use after January 2007)			
	Hexavalent Chromium		Achieved the Japan Automobile Manufacturers Association Self-Initiated Target (Prohibited from use after January 2008)			
Interior VOC *8		Achieved the Japan Automobile Manufacturers Association Self-Initiated Target				
Recycling	Parts of easily recycled materials	TSOP *9	Bumper Cover, Front Grill, Rocker Panel Molding, Inner Pillar Garnish			
		TPO *10	Driver's seat SRS airbag			
	Plastic and rubber parts for part indication		Indicated			
	Environmental harmonizing materials (Eco-plastic)		Scuff Plate, Seat Cushion (Driver's seat)			
	Use of recycled materials	RSPP *11		Floor Silencer		
		Felt made from recycled plastic PET bottles		Roof silencer (Exempting L-grade)		
Recycled polypropylene		Engineer Under Cover, Rear Seat Side Cover, Front Seat Shield				

*1 Fuel consumption rate is a value set under test conditions. Fuel consumption rate may differ depending on conditions of customer vehicle use (weather, traffic etc.) and driving habits (sudden start-off, air conditioning use etc.) JC08 mode is a newly constructed testing method that is closer to actual driving than 10 · 15 mode, whereby the value for the fuel consumption rate is generally lower. *2. When vehicle weight is 1,350 kg *3. When vehicle weight is 1,310 kg *4. Fuel economy target standard according to the Energy Conservation Law *5. 10 · 15 and JC08 driving *6. 2005 75% reduction level for exhaust gases *7. NMHC: Non-Methane Hydrocarbons *8. VOC: Volatile Organic Compounds (Formaldehyde, Acetaldehyde, Toulene) *9. TSOP: Toyota Super Olefin Polymer *10. TPO: Thermo Plastic Ofefin *11. RSPP: Recycled Sound-Proofing Products

Hybrid Production Numbers (Number produced at Toyota Auto Body)

FY2008 Production Numbers

Vehicle name	Number produced
Prius	119,441
Estima Hybrid	11,265
Total	130,706

● New model Prius

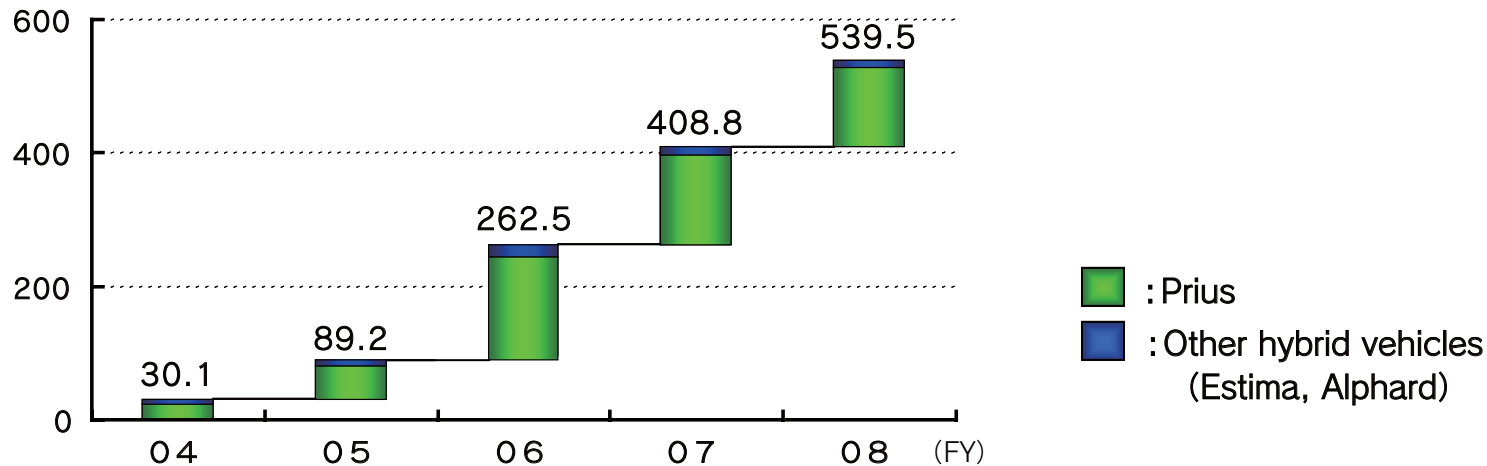


● Estima Hybrid



Cumulative Toyota Auto Body Hybrid Production Numbers

(Thousands of vehicles)



■ Environmental Data in Business Activities (FY2008 invested resource volume and emissions volume)

Prevention of Global Warming

Decrease SOCs

INPUT

Energy input : $3.0 \times 10^6 \text{GJ}$
 Total material input ※1 : 340,000 tons
 Water Consumption : 2,450,000m³
 Volume of substances subject to PRTR : 4,709 tons

Atmospheric emissions

Greenhouse gas emissions volume : 205,300 tons-CO₂
 (CO₂ emission volume : 205,000 tons-CO₂)
 (5 gases※2 emissions volume : 3,000 tons CO₂)
 Substances subject to PRTR : 1,060 tons

OUTPUT
Product



Production Plant

Press Body Painting Assembly

- ※1 Substance total : steel, plastic, paint etc.
- ※2 5 gases : The five greenhouse gases are greenhouse gases other than CO₂. At Toyota Auto Body, these correspond to freon gas used only for automobiles. improvement of certain facilities reduced the 1,700 tons-CO₂ emissions volume of these gases greatly from FY 2008. last year.
- ※3 Recycling and other reuse indicates the volume of various possible valuable recyclable materials or the volume of inverse onerous contract materials. The disposal volume indicates whether substances are insufficient for processing or if the substances may be directly disposed of in landfills.
- ※4 For water volume consumed, the total water volume is large because initial rainwater is processed and then released.

Total water discharge volume※4 : 3,190,000m³

Total waste substance emissions volume : 134,000 tons ※3
 Volume recycled : 133,000 tons
 Waste volume loss : 1,000 tons

Water resource savings

Waste substance reduction and resource savings

■ Toyota Auto Body Audit and Audit Results

At Toyota Auto Body, we regularly conduct internal and exterior audits to perform continuous improvement of our environmental management system.

For internal audits, we are working to improve our environmental management system by having departments mutually audit each other and also having each department self-initiate an audit. In addition, we randomly select excellent case examples and present this to other departments in aiming to improve our environmental management system.

In our FY2008 external audit, a minor point revealed that the name of an ordinance called “Requirements for Law Revision” issued by our head office had been leaked from a document in one of our offices. We immediately set out to cover the breach.

■ FY2008 Internal and External Audit Results

Audited Offices (Three plant facilities)		Auditing evaluation
Internal Audit	Improvement guidance	2
	Improvement advice	42
	Outstanding case example	3
External Audit	Nonconformity(Slightness)	1
	Observed items	9

■ Toyota Auto Body Environment Management Companies

● : Consolidated company
 ◎ : Affiliated company

Production companies		Non-production companies
Domestic	Overseas	Domestic
●Tokai Utility Motor Co., Ltd. ●Toyota Body Seiko Co., Ltd. ●Ace Industry Co., Ltd. ●Tokai Parts Industry Co., Ltd. ●Gifu Auto Body Co., Ltd. ◎Tokai Tekko Co., Ltd. ◎Toyotomi Kiko Co., Ltd. ◎Kintec Co., Ltd.	●PT.Sugity Creatives (Indonesia) ●PT.Toyota Auto Body-Tokai Extrusion (Indonesia) ●Chun Shyang Shin Yeh Industry Co.,Ltd. (Taiwan) ●Thai Auto Conversion Co.,Ltd. (Thailand) ●Toyota Auto Body(Malaysia) Sdn. Bhd. ◎Thai Auto Works Co.,Ltd. (Thailand) ●Auto Parts Manufacturing Mississippi Inc. (U.S.A.) *	●Toyota Auto Body R & D Co., Ltd. ●Life Service & Security Corporation ●Inatec Co., Ltd. ●Life Creation Co., Ltd. ●Life Support Co., Ltd. ●TABMEC Co., Ltd.

* As of March 2009, Auto Parts Manufacturing Mississippi Inc. was still under construction