

Japanese bicycle production, import and export (Nine-Month Year to Date 2018)

1. Preface

The purpose of this report is to show the Japanese bicycle market trend through comprehensive investigation of the Japanese bicycle production, import and export. First, the production of the domestic bicycle manufacturers will be clarified using Ministry of Economy, Trade and Industry (METI) Current Production Statistics, and total production activities including shipment, inventories and time series trend will be explained. Second, due to the current big share of import bicycles in the Japanese bicycle market, bicycle import will be investigated by categories and by time series using Ministry of Finance Japan (MOF) Trade Statistics, and general bicycle market trend will be grasped. Then, comprehensive Japanese bicycle market trend including bicycle production becomes clear. Finally, Japanese bicycle export which is now mostly used bicycle export will be briefly referenced.

During nine-month Year to Date 2018, both total unit production and total value production slightly decrease when compared to the same period of the previous year, and total unit production is the lowest in the last fifteen years. As to import, also both total unit and value decrease when compared to the same period of 2017, and total unit import is the lowest in the last fifteen years. As a result, the nine-month YTD 2018 domestic unit volume which consists of production units and import units is the lowest in the last fifteen years; further decreases more than 9% when compared to the nine-month YTD2017 when it was the lowest in the last fourteen years.

From 2018 reports, the time series analysis of production shows 15-year history, same as import and export. Also, METI Current Production Statistics has adopted JPY thousand indication instead of JPY million in value from January 2017. Accordingly, this report shows JPY thousand indication in production value after 2017. Moreover, new HS classification has been created under the motorcycle import category which is “8711.60000 Motorcycles with electric motor for propulsion” since the beginning of 2017. Imported electric power assist bicycles now considered to be categorized in this new category. With this change, the analysis subject has been altered from “Other Motorcycles” into this new category. During the nine-month Year to Date 2018, import of “8711.60000 Motorcycles with electric motor for propulsion” dramatically increases when compared to the same period of 2017.

2. Japanese bicycle production

2 – 1 Outline of nine-month year to date 2018 bicycle production

According to Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japanese complete bicycle production in nine-month year to date 2018 is 623,456 units, and JPY 39,570,134 thousand. Table 1 shows that total unit production decreases 4.1%, and total production value also decreases 1.9%, compared to the same period of the previous year. Average production unit value in nine-month year to date 2018 is up 2.2% from JPY 62,081 in 2017 to JPY 63,469 in 2018.

Table 1 Nine-Month Year to Date 2018 Japanese bicycle production

	Total Units	Total Production Value (JPY thousand)	Average Unit Value (JPY)
9-month YTD 2018	623,456	39,570,134	63,469
9-month YTD 2017	649,945	40,349,190	62,081
Variance	-26,489	-779,056	1,388
Variance%	-4.1%	-1.9%	2.2%

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey (2017 figure is revised) Japan Bicycle Promotion Institute Processing and Analysis
Due to round off, Total may not match.

Table 2 shows the detail by product category of Japanese bicycle production during the nine-month year to date 2018 compared to the same period of 2017. "Light bicycles" and "Miscellaneous" show both unit and value decrease. "Electric power assist" shows both unit and value slight increase.

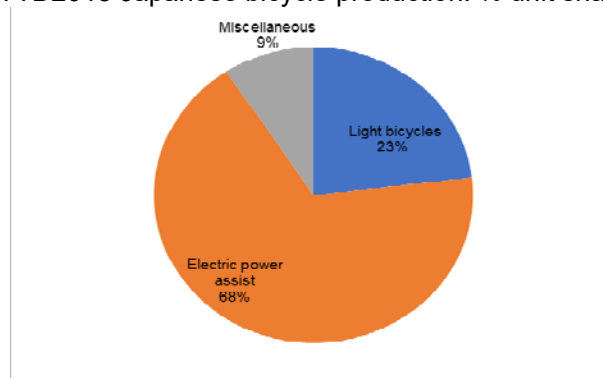
Table 2 Production by category:
Nine-Month Year to Date 2018 compared to Nine-Month Year to Date 2017

9-month YTD	2018		2017		Variance			
	units	Value (JPY thousand)	units	Value (JPY thousand)	units	%	Value (JPY thousand)	%
Light bicycles	144,058	3,658,904	167,191	4,130,377	-23,133	-13.8	-471,473	-11.4
Electric power assist	421,888	34,587,864	419,792	34,567,425	2,096	0.5	20,439	0.1
Miscellaneous	57,510	1,323,366	62,962	1,651,388	-5,452	-8.7	-328,022	-19.9
Total	623,456	39,570,134	649,945	40,349,190	-26,489	-4.1	-779,056	-1.9

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey (2017 figure is revised) Japan Bicycle Promotion Institute Processing and Analysis
Due to round off, Total may not match.

Chart A shows a graphic presentation of nine-month year to date 2018 Japanese bicycle unit production share by category based on Table 2. "Electric power assist" captures 68% share, and "Light bicycles" follows capturing 23% share.

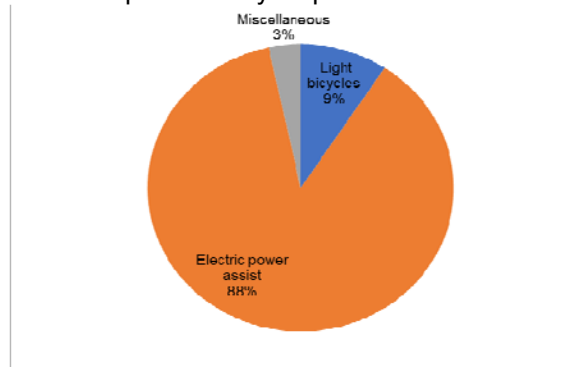
Chart A
Nine-Month YTD2018 Japanese bicycle production: % unit share by category



Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japan Bicycle Promotion Institute Processing and Analysis

Chart B shows a graphic presentation of nine-month year to date 2018 Japanese bicycle production value share by category also based on Table 2. "Electric power assist" captures 88% share.

Chart B
 Nine-Month YTD2018 Japanese bicycle production: % value share by category



Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japan Bicycle Promotion Institute Processing and Analysis

Table 3 shows average production unit value by product category in nine-month year to date 2018 compared to the same period of 2017. “Light bicycles” shows up, on the other hand, “Electric power assist” and “Miscellaneous” show down.

Table 3 Average Unit Value by product category:
 Nine-Month Year to Date 2018 compared to Nine-Month Year to Date 2017

Category	Average Unit Value (JPY) 9-month YTD 2018	Average Unit Value (JPY) 9-month YTD 2017	Variance (JPY)	Variance (%)
Light bicycles	25,399	24,705	694	2.8
Electric power assist	81,984	82,344	-361	-0.4
Miscellaneous	23,011	26,228	-3,217	-12.3
Total	63,469	62,081	1,388	2.2

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey (2017 figure is revised) Japan Bicycle Promotion Institute Processing and Analysis
 Due to round off, Total may not match.

Table 4 shows production units, total value and average unit value of “Electric power assist bicycles” by month. From June, unit production has started to decrease when compared to the same period of the previous year, and September shows big decrease. As a result, total units and value increase compared to the same period of the previous year of “Electric power assist bicycles” becomes very little in September YTD.

Table 4
Production of “Electric power assist bicycles” by month: 2018 compared to 2017

	2018			2017			Variance of unit production	Variance of production value (JPY thousand)	Variance of average unit value (JPY)
	Unit production	Production value (JPY thousand)	Average unit value (JPY)	Unit production	Production value (JPY thousand)	Average unit value (JPY)			
January	46,507	3,774,633	81,163	42,881	3,353,599	78,207	3,626	421,034	2,956
February	54,734	4,613,710	84,293	45,846	3,598,906	78,500	8,888	1,014,804	5,793
March	60,222	4,722,509	78,418	54,542	4,308,845	79,000	5,680	413,664	-582
April	48,918	3,725,556	76,159	48,120	4,160,301	86,457	798	-434,745	-10,298
May	48,452	4,019,285	82,954	45,740	3,923,416	85,776	2,712	95,869	-2,823
June	46,684	3,856,544	82,610	50,332	4,211,644	83,677	-3,648	-355,100	-1,068
July	42,675	3,527,838	82,668	45,142	3,802,134	84,226	-2,467	-274,296	-1,559
August	35,636	3,061,485	85,910	40,093	3,380,717	84,322	-4,457	-319,232	1,588
September	38,060	3,286,304	86,345	47,096	3,827,863	81,278	-9,036	-541,559	5,067
YTD	421,888	34,587,864	81,984	419,792	34,567,425	82,344	2,096	20,439	-361

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey
(2017 figure is revised) Japan Bicycle Promotion Institute Processing and Analysis
Due to round off, Total may not match.

2 – 2 Comprehensive production, shipments and inventory status of the Japanese bicycle manufacturers

Table 5 shows comprehensive manufacturing and sales condition including production, receipts, shipments (sales and others) and month end inventory in nine-month year to date 2018 compared to the same period of 2017.

Table 5 Production, shipments and inventory of the Japanese bicycle manufacturers:
Nine-Month Year to Date 2018 compared to Nine-Month Year to Date 2017

Category	Production		Receipts (Units)	Shipments			Sep. end Inventory (Units)
	Units	Value (JPY thousand)		Sales		Others (Units)	
			Units	Value (JPY thousand)			
9-month YTD 2018 Light bicycles	144,058	3,658,904	403,199	439,737	7,336,534	142,708	27,811
9-month YTD 2017 Light bicycles	167,191	4,130,377	509,383	508,828	8,246,297	206,412	46,247
Variance %	-13.8	-11.4	-20.8	-13.6	-11.0	-30.9	-39.9
9-month YTD 2018 Electric power assist	421,888	34,587,864	395,463	505,044	41,138,271	293,545	67,230
9-month YTD 2017 Electric power assist	419,792	34,567,425	369,593	468,856	37,491,300	328,703	30,539
Variance %	0.5	0.1	7.0	7.7	9.7	-10.7	120.1
9-month YTD 2018 Miscellaneous	57,510	1,323,366	244,261	250,382	5,790,379	46,359	43,386
9-month YTD 2017 Miscellaneous	62,962	1,651,388	335,255	289,185	6,595,021	109,157	33,099
Variance %	-8.7	-19.9	-27.1	-13.4	-12.2	-57.5	31.1
9-month YTD 2018 Total	623,456	39,570,134	1,042,923	1,195,163	54,265,184	482,612	138,427
9-month YTD 2017 Total	649,945	40,349,190	1,214,231	1,266,869	52,332,618	644,272	109,885
Variance %	-4.1	-1.9	-14.1	-5.7	3.7	-25.1	26.0

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey
(2017 figure is revised) Japan Bicycle Promotion Institute Processing and Analysis
Due to round off, Total may not match.

Total receipts units in nine-month year to date 2018 decrease 14.1% compared to nine-month year to date 2017. “Light bicycles” and “Miscellaneous” greatly decrease; however, “Electric power assist” increases.

Total units of shipments sales in nine-month year to date 2018 decrease 5.7% compared to that of nine-month year to date 2017. Again, “Light bicycles” and “Miscellaneous” show decrease.

Total value of shipments sales up by 3.7% in nine-month year to date 2018 compared to the same period of 2017. “Electric power assist” up, but “Light bicycles” and “Miscellaneous” down.

Total units of shipments others in nine-month year to date 2018 decreases by 25.1% compared to the same period of 2017. All three categories show decrease. Shipments others are principally the commissioned products shipped to the consigners.

Total month end inventory in September 2018 is 138,427 units, 26.0% increase compared to September 2017. “Electric power assist” inventory greatly increases.

2 – 3 Fifteen-year history of nine-month year to date bicycle production

Table 6 shows a fifteen-year history of nine-month year to date Japanese bicycle production, shipments and September end inventory from 2004 to 2018.

Table 6 Fifteen-year history of bicycle production and shipments:
Nine-Month Year to Date September end inventory by Japanese bicycle manufactures

9-month YTD	Production			Shipments			Sep. end Inventory (Units)
	Units	Value*	Average Unit Value (JPY)	Units	Value*	Average Unit Value (JPY)	
2018	623,456	39,570,134	63,469	1,195,163	54,265,184	45,404	138,427
2017	649,945	40,349,190	62,081	1,266,869	52,332,618	41,309	109,885
2016	704,637	40,259	57,134	1,271,904	46,619	36,653	125,811
2015	661,545	34,110	51,561	1,226,711	41,376	33,729	116,411
2014	713,781	35,399	49,594	1,358,934	42,020	30,921	120,243
2013	714,851	31,472	44,026	1,439,288	41,178	28,610	172,231
2012	781,456	31,333	40,096	2,133,627	47,298	22,168	200,587
2011	831,406	32,806	39,458	2,422,142	51,603	21,305	184,768
2010	797,261	28,240	35,421	2,423,522	46,420	19,154	157,379
2009	792,224	25,658	32,387	2,462,655	44,584	18,104	172,896
2008	810,141	20,778	25,647	2,752,694	41,621	15,120	154,625
2007	854,776	18,946	22,165	2,877,110	37,740	13,117	168,033
2006	1,031,806	19,538	18,936	3,173,847	37,993	11,971	190,393
2005	1,520,226	24,056	15,824	4,142,301	45,511	10,987	273,655
2004	1,910,976	28,298	14,808	4,097,349	45,526	11,111	321,754

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey
(Before 2017 figure is revised)

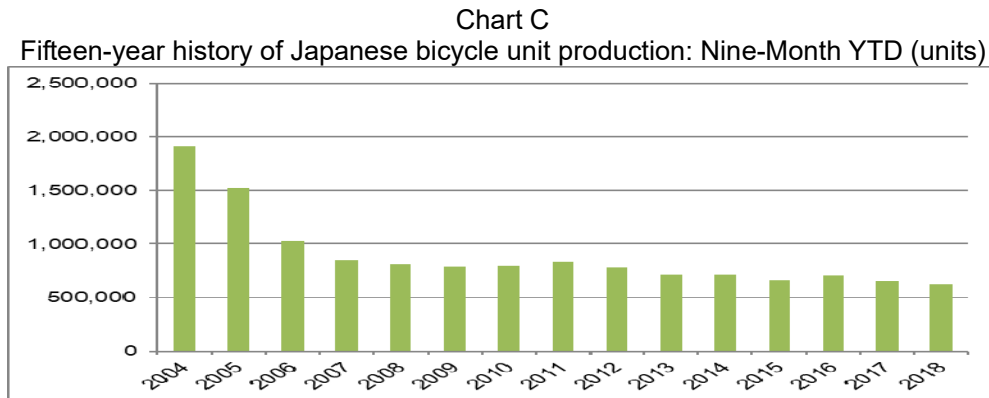
Japan Bicycle Promotion Institute Processing and Analysis

*Before 2016 JPY million, after 2017 JPY thousand

Production units in nine-month year to date 2018 are the lowest in the last fifteen years. However, production value in this period is the third. With these facts, the average production unit value is the highest in fifteen years. Also, shipments units in nine-month year to date 2018 are the lowest in fifteen years, and shipments value in nine-month year to date 2018 is

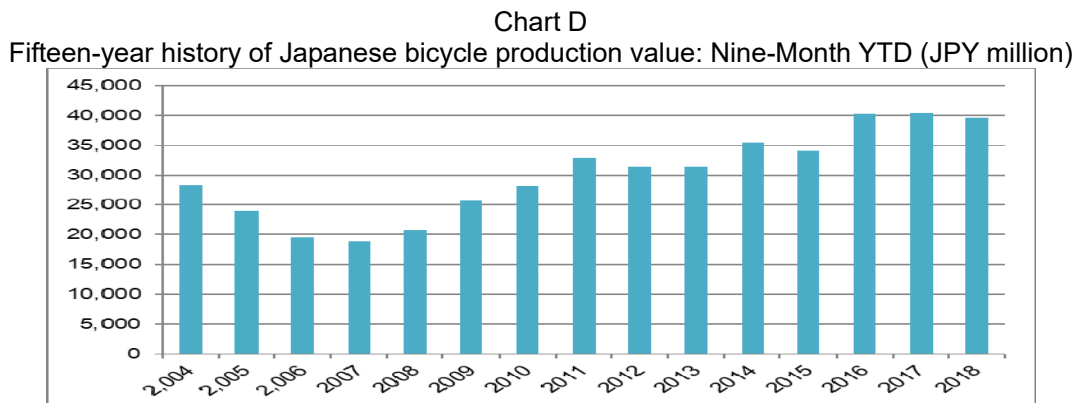
the highest, make the average shipments unit value in nine-month year to date 2018 the highest. When compared average production unit value to average shipments unit value, average production unit value has been higher than average shipments unit value for fifteen consecutive years. Month end inventory of September 2018 is 138,427 units, eleventh in the last fifteen years.

Chart C shows a graphic presentation of this fifteen-year history of Japanese bicycle unit production during the nine-month year to date from 2004 to 2018 based on Table 6. Unit production is stagnated.



Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japan Bicycle Promotion Institute Processing and Analysis

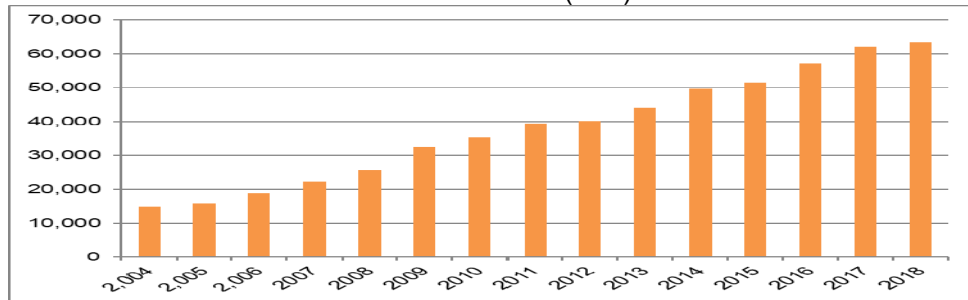
Chart D shows a graphic presentation of the fifteen-year history of Japanese bicycle production value during the nine-month year to date from 2004 to 2018 also based on Table 6.



Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japan Bicycle Promotion Institute Processing and Analysis

Chart E shows a graphic presentation of the fifteen-year history of Japanese bicycle production average unit value during the nine-month year to date from 2004 to 2018 also based on Table 6. Production average unit value shows up in trend.

Chart E
Fifteen-year history of Japanese bicycle production average unit value:
Nine-Month YTD (JPY)



Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japan Bicycle Promotion Institute Processing and Analysis

Table 7 shows the fifteen-year history of the total unit production by month.

Table 7 Fifteen-year history of total production units by month (units)

	Jan. total unit production	Feb. total unit production	March total unit production	April total unit production	May total unit production	June total unit production
2018	78,463	93,312	85,655	70,043	64,251	62,512
2017	79,215	86,276	82,628	74,710	63,706	68,896
2016	82,586	88,069	94,670	81,062	72,186	78,781
2015	78,891	81,242	89,722	75,857	66,218	68,133
2014	84,512	93,408	100,416	83,216	72,121	74,255
2013	79,022	92,667	93,062	88,877	75,906	71,711
2012	96,874	105,350	106,202	95,001	85,528	83,915
2011	86,445	98,081	98,935	107,181	90,542	92,009
2010	93,923	99,424	106,524	98,097	87,516	86,269
2009	96,944	99,314	106,639	94,506	76,287	80,900
2008	97,728	104,912	121,903	96,456	82,921	78,520
2007	99,537	108,413	130,721	108,017	86,039	81,714
2006	124,909	133,470	177,599	128,017	97,944	93,522
2005	186,677	207,574	239,561	197,996	151,547	129,232
2004	204,286	233,162	302,975	250,436	197,546	170,012

	July total unit production	Aug. total unit production	Sep. total unit production	Oct. total unit production	Nov. total unit production	Dec. total unit production	Total unit production
2018	57,334	52,692	59,194				623,456
2017	66,260	60,279	67,975	74,071	81,506	85,328	890,850
2016	71,533	64,278	71,472	82,749	76,539	75,100	939,025
2015	64,647	62,481	74,354	82,311	79,144	75,095	898,095
2014	74,981	62,167	68,705	81,603	78,727	77,437	951,548
2013	72,325	66,889	74,392	82,781	84,937	83,385	965,954
2012	74,820	65,045	68,721	73,476	73,695	83,687	1,012,314
2011	83,200	86,553	88,460	86,528	87,020	96,712	1,101,666
2010	75,897	72,056	77,555	82,694	86,498	90,498	1,056,951
2009	80,068	76,206	81,360	88,312	85,103	83,830	1,049,469
2008	76,552	70,488	80,661	95,816	98,763	90,212	1,094,932
2007	79,147	79,509	81,679	91,745	93,341	95,744	1,135,606
2006	87,738	94,248	94,359	105,347	99,636	97,723	1,334,512
2005	138,579	130,081	138,979	135,527	132,069	138,614	1,926,436
2004	185,261	167,839	199,459	181,744	180,862	181,059	2,454,641

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japan Bicycle Promotion Institute Processing and Analysis (Before 2017 figure is revised)

Chart F shows a graphic presentation of the fifteen-year history of total production units by month based on Table 7. This chart shows that the bicycle production is carried out relatively equally every month.

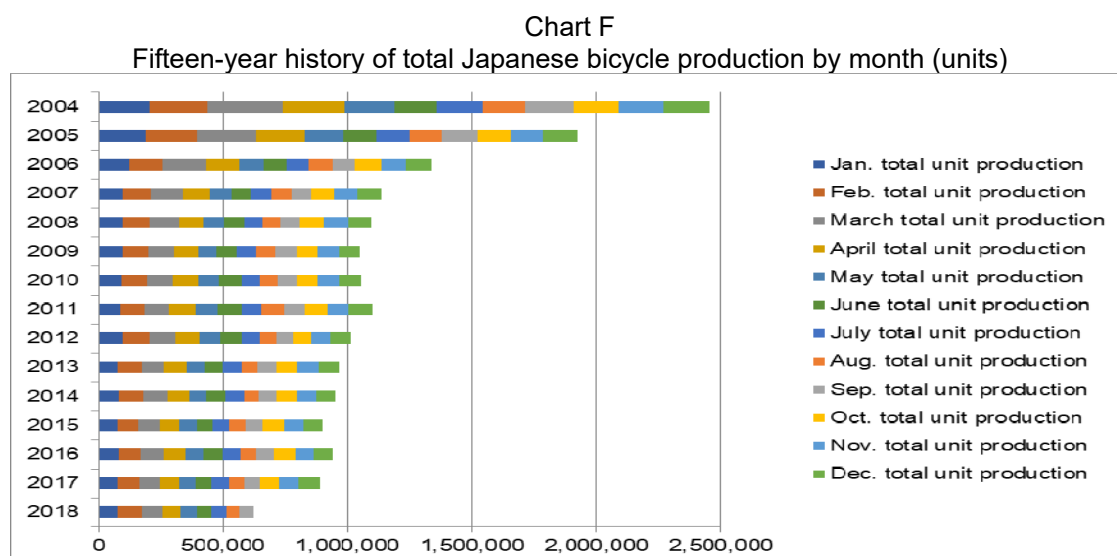


Table 8 shows a fifteen-year history of nine-month year to date Japanese bicycle unit production by category.

Table 8 Fifteen-year history of Nine-Month Year to Date Japanese bicycle unit production by categories (unit)

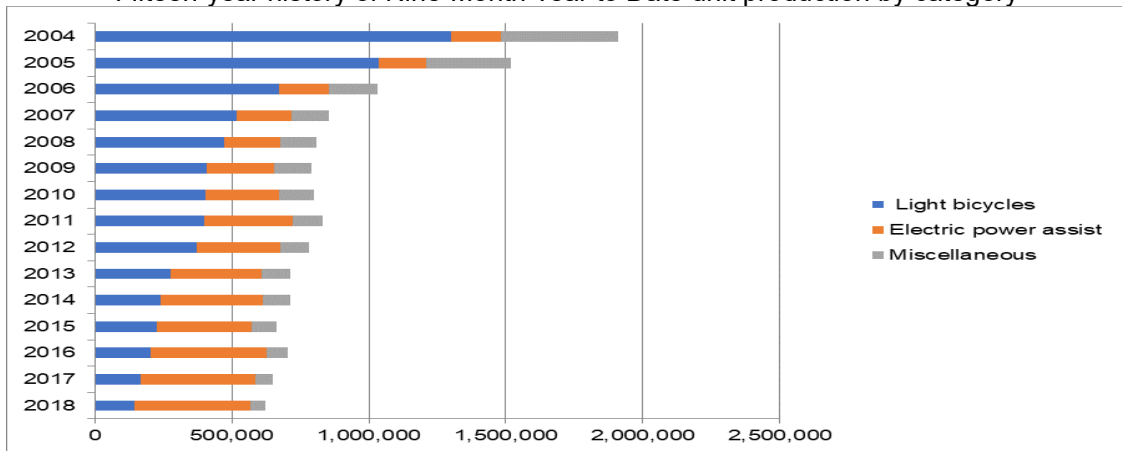
	Light bicycles	Electric power assist	Miscellaneous	Total
2018	144,058	421,888	57,510	623,456
2017	167,191	419,792	62,962	649,945
2016	204,316	419,974	80,347	704,637
2015	226,405	346,678	88,462	661,545
2014	240,430	373,612	99,739	713,781
2013	276,806	333,121	104,924	714,851
2012	370,478	305,740	105,238	781,456
2011	396,759	325,571	109,076	831,406
2010	401,719	270,666	124,876	797,261
2009	409,556	242,602	140,066	792,224
2008	470,423	207,668	132,050	810,141
2007	516,798	198,460	139,518	854,776
2006	671,357	181,343	179,106	1,031,806
2005	1,036,648	172,502	311,076	1,520,226
2004	1,299,361	182,524	429,091	1,910,976

From 2011, "Children & Infant bicycles", "Mini-cycles", "Mountain bikes" and "Special bicycles" have been combined into "Miscellaneous". "Miscellaneous" between 2004 and 2010 include these four categories.

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japan Bicycle Promotion Institute Processing and Analysis

Chart G shows a graphic presentation of the fifteen-year history of nine-month year to date unit production by category based on Table 8. This chart shows that "Light bicycles" are decreasing, and "Electric power assist" is increasing.

Chart G
Fifteen-year history of Nine-Month Year to Date unit production by category



Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japan Bicycle Promotion Institute Processing and Analysis

3. Japanese bicycle import

Bicycle import by category is mentioned below. To begin with, import categories and HS numbers in Japan are classified as follows. “Electric power assist bicycles” is not classified as a single category and considered to be included in the category of “Motorcycles with electric motor for propulsion” in Trade Statistics. Please note that “Motorcycles with electric motor for propulsion” includes all electric motorcycles.

Table 9 Import categories and HS numbers

HS number and product category	Bicycle type
8712.00100 Mountain bikes	<ul style="list-style-type: none"> • MTB(includes V brake or disk brake equipped) • Cross bikes
8712.00211 Mini-cycles	<ul style="list-style-type: none"> • Mini-cycles • Small wheel foldable bicycles • BMX
8712.00218 Infant bicycles	<ul style="list-style-type: none"> • Infant bicycles(12 – 16 inch) • Toy bicycles(12 inch two wheel) • Unicycles(12 – 16 inch)
8712.00219 Children bicycles	<ul style="list-style-type: none"> • Children bicycles(18 – 24 inch) • Junior MTB(18 – 24 inch) • Unicycles(18 – 24 inch)
8712.00291 Light bicycles	<ul style="list-style-type: none"> • Light bicycles(excludes outer derailleur equipped) • Single speed, sports use bicycles equipped with inner derailleur.
8712.00299 Miscellaneous	<ul style="list-style-type: none"> • Sports use bicycles • Light bicycles equipped with outer derailleur • Junior MTB(26 inch)
8711.60000 Motorcycles with electric motor for propulsion	<ul style="list-style-type: none"> • Electric motor cycles and electric power assist bicycles considered to be included.

Source : Japan Bicycle Promotion Institute

3 – 1 Outline of nine-month year to date 2018 bicycle import

Table 10 shows Japanese bicycle import of all product categories excluding “Motorcycles with electric motor for propulsion” in nine-month year to date 2018 compared to the same period of 2017. Unit total is 4,755,301, 9.9% decrease compared to the same period of 2017. On the other hand, total CIF value is JPY56,236,654 thousands, decreases by 2.3% compared to the same period of 2017, resulted in average CIF unit value of JPY11,826, 8.5% increase.

The currency exchange rate is investigated. The average dollar-yen exchange rate during nine-month year to date 2017 was US\$1=JPY112.18; however, it gets US\$1=JPY109.65 in nine-month year to date 2018(Refer chief custom inspector published rate). Japanese Yen gets stronger during this period.

Table 10 Japanese bicycle import:
Nine-Month Year to Date 2018 compared to Nine-Month Year to Date 2017
 (“Motorcycles with electric motor for propulsion” is not included)

	Total units	Total CIF Value (JPY thousand)	Average CIF unit value (JPY)
9-month YTD 2018	4,755,301	56,236,654	11,826
9-month YTD 2017	5,279,296	57,550,264	10,901
Variance	-523,995	-1,313,610	925
Variance %	-9.9	-2.3	8.5

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Table 10 Annex shows nine-month year to date 2018 import of “Motorcycles with electric motor for propulsion” compared to the same period of 2017 for reference. Both unit and value show 80% increase; totally different from previously mentioned “Electric power assist bicycles” production.

Table 10 Annex (Reference) Japanese import of “Motorcycles with electric motor for propulsion”

Nine-Month Year to Date 2018 compared to Nine-Month Year to Date 2017

	Total units	Total CIF Value (JPY thousand)	Average CIF unit value (JPY)
9-month YTD 2018	234,246	9,135,154	38,998
9-month YTD 2017	128,804	5,031,055	39,060
Variance	105,442	4,104,099	-62
Variance %	81.9	81.6	-0.2

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

3 – 2 Nine-month year to date 2018 bicycle import by category

Table 11 shows nine-month year to date 2018 Japanese bicycle import by category.

Table 11
Japanese bicycle import in Nine-Month Year to Date 2018 by category

HS number and category	Total units	Total CIF Value (JPY thousand)	Average CIF unit value (JPY)
8712.00100 Mountain bikes	120,388	2,329,044	19,346
8712.00211 Mini-cycles	181,671	2,207,116	12,149
8712.00218 Infant bicycles	329,774	2,449,411	7,428
8712.00219 Children bicycles	1,097,099	10,232,960	9,327
8712.00291 Light bicycles	1,320,949	12,487,195	9,453
8712.00299 Miscellaneous	1,705,420	26,530,928	15,557
Total	4,755,301	56,236,654	11,826

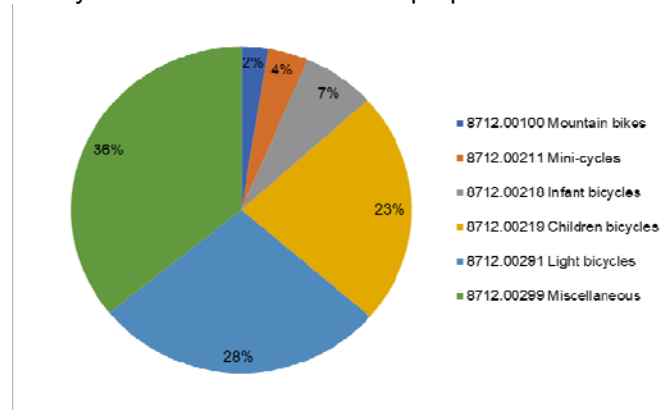
8711.60000 Motorcycles with electric motor for propulsion	234,246	9,135,154	38,998
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Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

The average CIF unit value of HS8712.00100 “Mountain bikes” is JPY 19,346, the highest among the categories except for “Motorcycles with electric motor for propulsion”. The average CIF unit value of HS8712.00291 “Light bicycles” is JPY9,453, and its unit volume is the second biggest, following HS8712.00299 “Miscellaneous” which includes sports use bicycles and light bicycles equipped with outer derailleur. The unit volume and total CIF value of HS8712.00299 “Miscellaneous” are the highest among the categories. Its average CIF unit value is JPY 15,557.

Chart H shows a graphic presentation of nine-month year to date 2018 Japanese bicycle import unit share by category based on Table 11. “Miscellaneous” captures 36% share and “Light bicycles” captures 28% share as well.

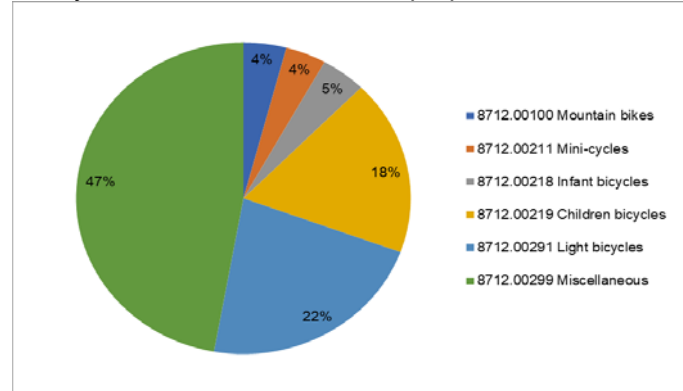
Chart H
Nine-Month YTD2018 Japanese bicycle import: Unit share by category
(“Motorcycles with electric motor for propulsion” is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Chart I shows a graphic presentation of nine-month year to date 2018 Japanese bicycle import value share by category also based on Table 11. “Miscellaneous” captures 47% and “Light bicycles” captures 22% share.

Chart I
 Nine-Month YTD2018 Japanese bicycle import: Value share by category
 (“Motorcycles with electric motor for propulsion” is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

Table 12 shows a nine-month year to date 2018 Japanese bicycle import by category compared to the same period of the previous year. “Mountain bikes”, “Infant bicycles”, “Children bicycles” and “Light bicycles” show decrease in both unit and value. On the other hand, “Mini-cycles” shows great increase both in unit and value. Bicycle import for bike share may be reflected in this category. Although it can’t be presented in this report, September single month unit import of this category shows 7% decrease. This may suggest that “Mini-cycles” import starts to lose steam.

Table 12 Nine-Month Year to Date 2018 Japanese bicycle import by category compared to Nine-Month Year to Date 2017

9-month YTD Category	2018		2017		Variance %	
	units	Total CIF value (JPY thousand)	units	Total CIF value (JPY thousand)	Units	CIF value
8712.00100 Mountain bikes	120,388	2,329,044	130,534	2,493,146	-7.8%	-6.6%
8712.00211 Mini-cycles	181,671	2,207,116	135,601	1,727,116	34.0%	27.8%
8712.00218 Infant bicycles	329,774	2,449,411	371,824	2,660,985	-11.3%	-8.0%
8712.00219 Children bicycles	1,097,099	10,232,960	1,355,373	12,095,909	-19.1%	-15.4%
8712.00291 Light bicycles	1,320,949	12,487,195	1,519,012	13,940,363	-13.0%	-10.4%
8712.00299 Miscellaneous	1,705,420	26,530,928	1,766,952	24,632,745	-3.5%	7.7%
Total	4,755,301	56,236,654	5,279,296	57,550,264	-9.9%	-2.3%
Average unit value (JPY)		11,826		10,901		8.5%

8711.60000 Motorcycles with electric motor for propulsion	234,246	9,135,154	128,804	5,031,055	81.9%	81.6%
Average unit value (JPY)		38,998		39,060		-0.2%

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

3 – 3 Fifteen year history of nine-month year to date bicycle import

Table 13 shows a fifteen-year history of nine-month year to date Japanese bicycle import.

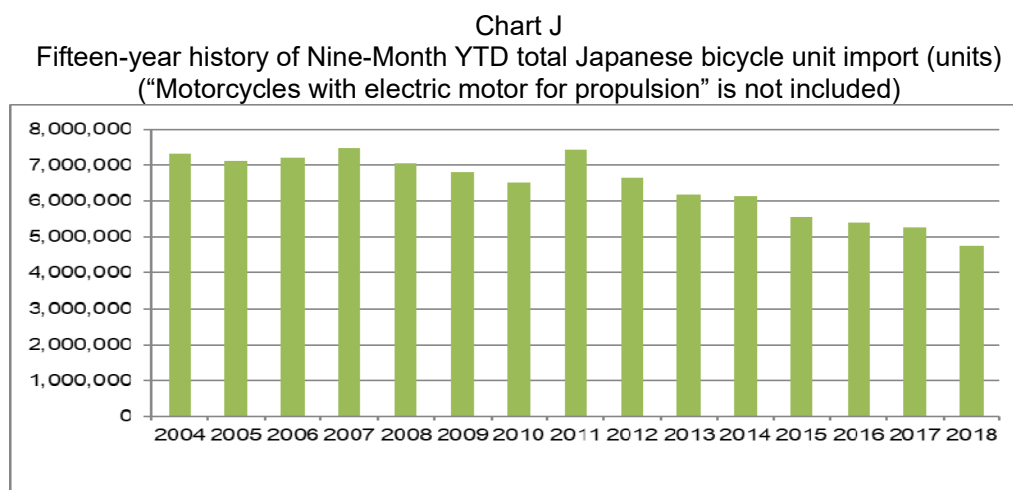
Table 13 Fifteen-year history of Nine-Month Year to Date Japanese bicycle import:
All categories (“Motorcycles with electric motor for propulsion” is not included)

9-month YTD	Total import units	Total CIF value (JPY thousand)	Average CIF unit value (JPY)
2018	4,755,301	56,236,654	11,826
2017	5,279,296	57,550,264	10,901
2016	5,407,408	60,448,602	11,179
2015	5,563,740	72,368,904	13,007
2014	6,156,819	65,380,080	10,619
2013	6,164,050	60,817,427	9,866
2012	6,645,307	56,656,703	8,526
2011	7,439,430	57,834,666	7,774
2010	6,532,074	50,373,649	7,712
2009	6,805,437	56,381,637	8,285
2008	7,055,737	59,974,342	8,500
2007	7,472,189	57,862,958	7,744
2006	7,218,377	50,558,242	7,004
2005	7,122,058	44,209,302	6,207
2004	7,305,694	43,755,916	5,989

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Total unit import in nine-month year to date 2018 is the lowest in the last fifteen years. On the other hand, total CIF value in nine-month year to date 2018 is the eleventh in this history; make the average CIF unit value JPY 11,826, the second highest in this period.

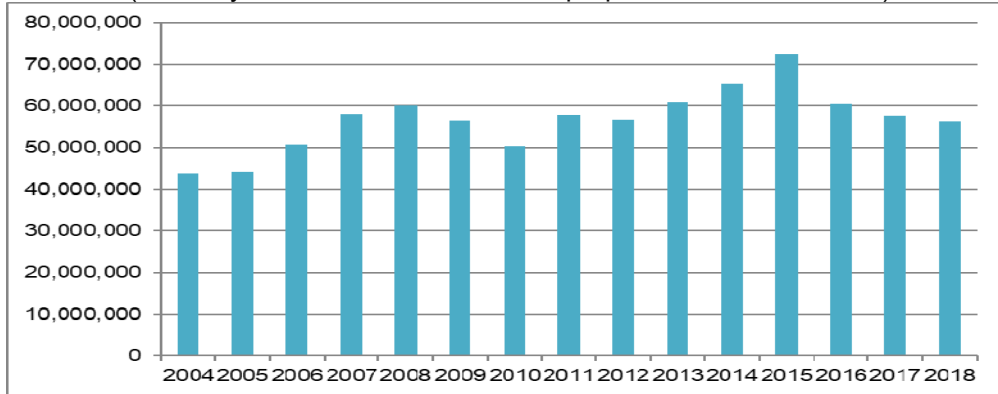
Chart J shows the fifteen-year history of nine-month year to date total import units based on Table 13. Unit import shows decrease in trend.



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Chart K shows the fifteen-year history of nine-month year to date total import CIF value also based on Table 13.

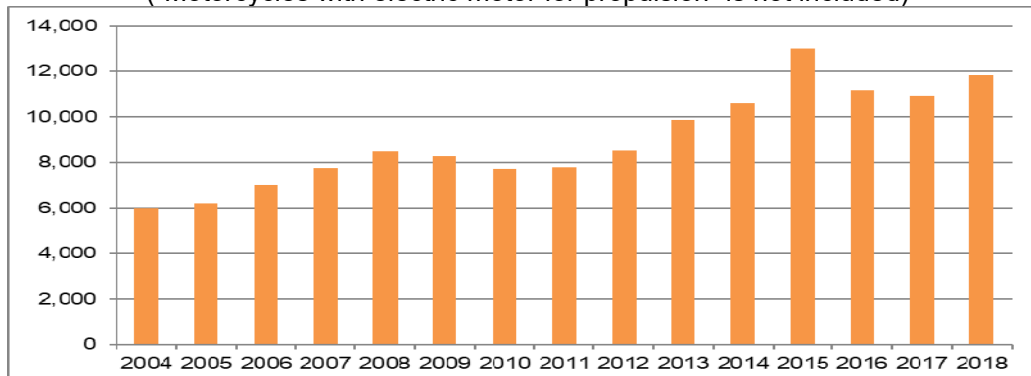
Chart K Fifteen year history of Nine-Month YTD total Japanese bicycle import CIF value (JPY thousand)
 ("Motorcycles with electric motor for propulsion" is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

Chart L shows the fifteen-year history of nine-month year to date average CIF unit import value also based on Table 13.

Chart L Fifteen year history of Nine-Month YTD Japanese bicycle average CIFunit import value (JPY)
 ("Motorcycles with electric motor for propulsion" is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

Table 14 shows the total unit import by month.

Table 14 Fifteen year history of total import units by month:
 ("Motorcycles with electric motor for propulsion" is not included)

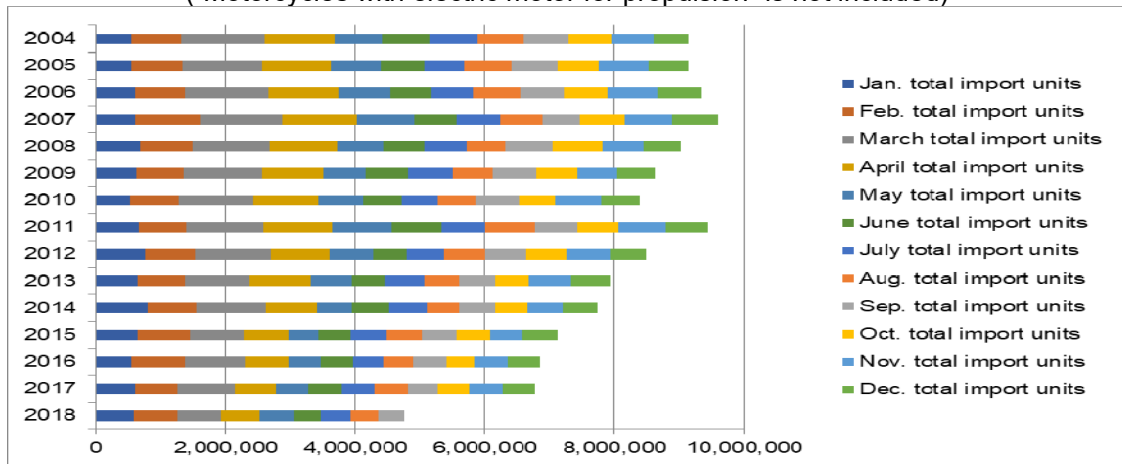
	January total import units	February total import units	March total import units	April total import units	May total import units	June total import units
2018	584582	672121	684815	588,526	515,094	434,024
2017	608,232	654,624	889,358	634,082	499,298	505,257
2016	559,379	823,009	916,762	673,000	493,419	507,531
2015	639,107	809,453	828,696	690,064	462,606	510,639
2014	800,012	758,904	1,067,576	783,049	546,090	581,432
2013	646,439	729,345	997,586	949,665	634,542	514,285
2012	759,838	779,645	1,156,072	904,565	672,252	525,908
2011	661,234	725,936	1,192,986	1,067,890	915,243	768,659
2010	529,116	759,113	1,140,340	1,002,806	691,515	600,223
2009	631,533	717,828	1,226,863	932,220	660,802	652,693
2008	679,048	809,921	1,195,076	1,041,042	718,439	623,626
2007	613,892	988,006	1,275,167	1,152,734	890,124	644,144
2006	602,545	765,063	1,303,124	1,075,231	796,610	633,795
2005	541,343	796,348	1,226,300	1,056,187	777,336	669,039
2004	556,120	767,570	1,280,277	1,081,557	727,411	723,301

	July total import units	Aug. total import units	Sep. total import units	Oct. total import units	Nov. total import units	Dec. total import units	YTD total import units
2018	452,637	430,168	393,334				4,755,301
2017	511,094	522,474	454,877	480,920	514,237	503,346	6,777,799
2016	460,740	464,093	509,475	438,628	518,622	484,729	6,849,387
2015	556,279	542,763	524,133	519,919	484,170	554,615	7,122,444
2014	572,129	504,218	543,409	502,832	540,165	534,548	7,734,364
2013	595,336	535,046	561,806	528,767	640,332	599,246	7,932,395
2012	586,024	629,284	631,719	642,217	649,625	562,295	8,499,444
2011	675,783	776,045	655,654	629,958	722,052	659,152	9,450,592
2010	562,581	582,646	663,734	546,459	719,973	603,440	8,401,946
2009	685,910	619,872	677,716	623,646	620,796	571,838	8,621,717
2008	646,395	612,531	729,659	770,349	625,626	582,061	9,033,773
2007	672,070	649,954	586,098	688,807	741,855	700,463	9,603,314
2006	643,767	724,797	673,445	684,487	767,415	668,893	9,339,172
2005	626,723	720,123	708,659	631,378	780,371	610,012	9,143,819
2004	755,089	715,190	699,179	653,057	648,234	531,426	9,138,411

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

Chart M shows a graphic presentation of the fifteen-year history of total import units by month based on Table 14.

Chart M Fifteen year history of total Japanese bicycle import by month (units)
 (“Motorcycles with electric motor for propulsion” is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

Table 15 shows a fifteen-year history of nine-month year to date Japanese bicycle unit import by category.

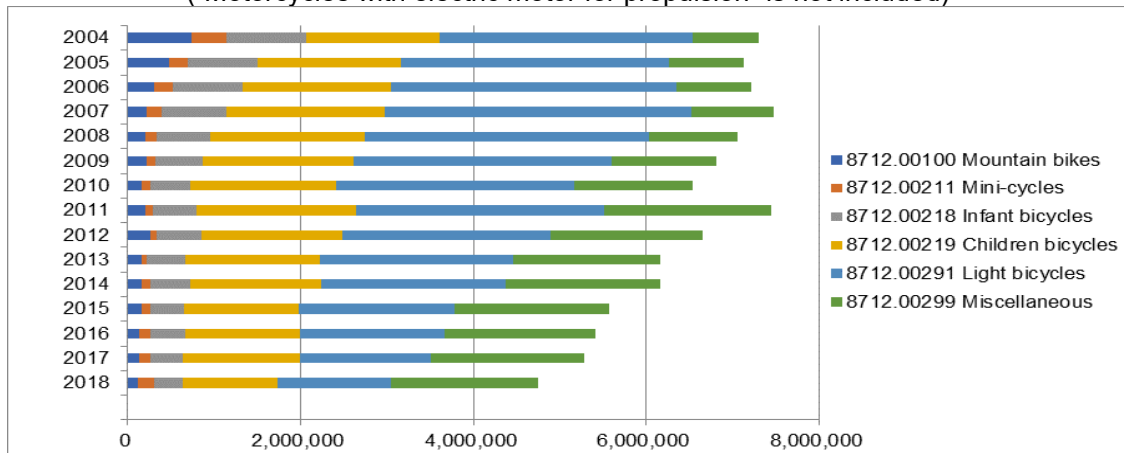
Table 15
 Fifteen-year history of Nine-Month Year to Date Japanese bicycle unit import
 by categories (“Motorcycles with electric motor for propulsion” is not included)

	8712.00100 Mountain bikes	8712.00211 Mini-cycles	8712.00218 Infant bicycles	8712.00219 Children bicycles	8712.00291 Light bicycles	8712.00299 Miscellaneous	Total
2018	120,388	181,671	329,774	1,097,099	1,320,949	1,705,420	4,755,301
2017	130,534	135,601	371,824	1,355,373	1,519,012	1,766,952	5,279,296
2016	134,725	124,708	406,683	1,333,207	1,671,031	1,737,054	5,407,408
2015	156,911	107,587	386,604	1,334,339	1,795,309	1,782,990	5,563,740
2014	161,017	102,141	459,005	1,510,857	2,137,669	1,786,130	6,156,819
2013	155,838	61,608	448,419	1,559,473	2,236,418	1,702,294	6,164,050
2012	263,293	73,898	520,291	1,625,858	2,412,687	1,749,280	6,645,307
2011	204,466	89,494	507,755	1,838,854	2,874,802	1,924,059	7,439,430
2010	159,596	100,863	463,636	1,680,444	2,763,673	1,363,862	6,532,074
2009	221,487	97,949	543,869	1,750,154	2,986,599	1,205,379	6,805,437
2008	206,337	127,621	617,671	1,795,229	3,282,025	1,026,854	7,055,737
2007	212,984	180,294	755,253	1,823,903	3,546,312	953,443	7,472,189
2006	300,333	221,438	812,645	1,712,322	3,304,125	867,514	7,218,377
2005	476,491	215,266	804,519	1,667,859	3,097,990	859,933	7,122,058
2004	731,326	411,346	926,063	1,533,653	2,933,335	769,971	7,305,694

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

Chart N shows these import histories.

Chart N
Fifteen-year history of Nine-Month YTD Japanese bicycle unit import by category (units)
("Motorcycles with electric motor for propulsion" is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

3 – 4 Main source country/area of Japanese bicycle import

Table 16 shows source countries and areas of nine-month year to date 2018 Japanese bicycle import.

Table 16 Main source countries and areas of
Japanese bicycle import in Nine-Month Year to Date 2018
("Motorcycles with electric motor for propulsion" is not included)

Source country/area	Total units	% share of total units	Total CIF Value (JPY thousand)	% share of total value	Average CIF unit value (JPY)
China	4,634,491	97.5	48,466,640	86.2	10,458
Taiwan	105,752	2.2	6,569,193	11.7	62,119
Others	15,058	0.3	1,200,821	2.1	79,746
Total	4,755,301	100.0	56,236,654	100.0	11,826

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis Due to round off, Total may not match.

"China" continues to be the biggest source country. It captures 97.5% of total units, and 86.2% of total CIF value. The average CIF unit value is JPY 10,458. "Taiwan" follows "China", capturing 2.2% of total units, and 11.7% of total CIF value. The average CIF unit value is JPY 62,119. These two-combined captures 99.7% of total units and 97.9% of total CIF value.

Table 17 shows Japanese bicycle import from "China" by category.

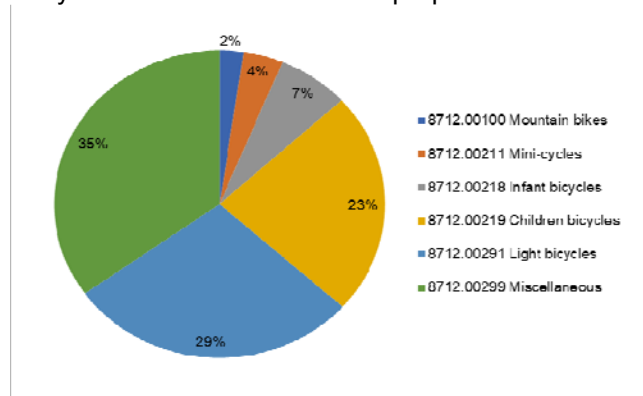
Table 17 Japanese bicycle import from “China” in Nine-Month Year to Date 2018 by category (“Motorcycles with electric motor for propulsion” is not included)

HS number and category	Total units	Total CIF Value (JPY thousand)	Average CIF unit value (JPY)
8712.00100 Mountain bikes	108,782	1,804,965	16,592
8712.00211 Mini-cycles	179,500	2,092,522	11,658
8712.00218 Infant bicycles	323,615	2,228,548	6,886
8712.00219 Children bicycles	1,086,604	10,012,432	9,214
8712.00291 Light bicycles	1,319,987	12,450,081	9,432
8712.00299 Miscellaneous	1,616,003	19,878,092	12,301
Total	4,634,491	48,466,640	10,458

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan, Japan Bicycle Promotion Institute Processing and Analysis

Chart O shows a graphic presentation of nine-month year to date 2018 Japanese bicycle import unit share from “China” by category based on Table 17. “Miscellaneous” captures 35% share and “Light bicycles” follows to capture 29% share. Unit import volume from “China” is so huge; therefore, this chart looks like Chart H which shows Japanese total unit import share by category.

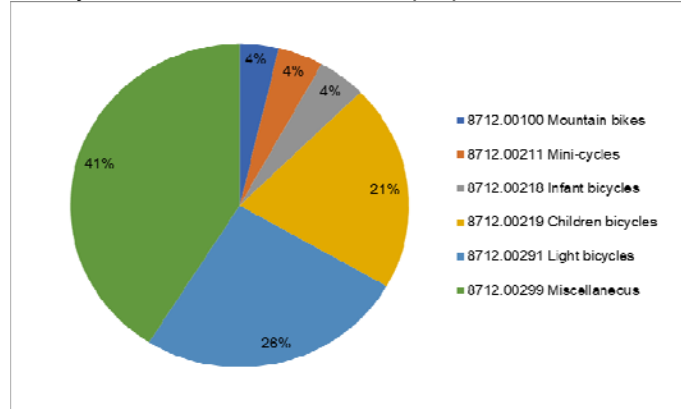
Chart O Nine-Month YTD2018 Japanese bicycle import from “China”: Unit share by category (“Motorcycles with electric motor for propulsion” is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan, Japan Bicycle Promotion Institute Processing and Analysis

Chart P shows a graphic presentation of nine-month year to date 2018 Japanese bicycle import value share from “China” by category also based on Table 17. “Miscellaneous” captures 41% share and “Light bicycles” follows capturing 26% share.

Chart P Nine-Month YTD2018 Japanese bicycle import from “China”:
Value share by category
 (“Motorcycles with electric motor for propulsion” is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Then, Table 18 follows to show Japanese bicycle import from “Taiwan” by category.

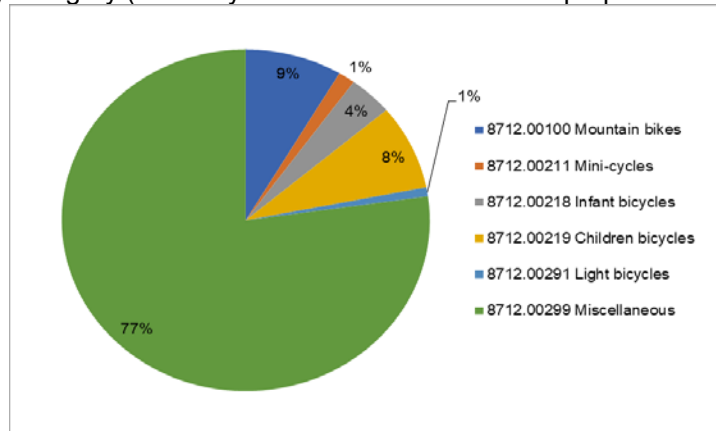
Table 18 Japanese bicycle import from “Taiwan” in Nine-Month Year to Date 2018
by category (“Motorcycles with electric motor for propulsion” is not included)

HS number and category	Total units	Total CIF Value (JPY thousand)	Average CIF unit value (JPY)
8712.00100 Mountain bikes	8,991	385,650	42,893
8712.00211 Mini-cycles	1,570	59,082	37,632
8712.00218 Infant bicycles	4,084	24,938	6,106
8712.00219 Children bicycles	8,516	168,654	19,804
8712.00291 Light bicycles	910	30,803	33,849
8712.00299 Miscellaneous	81,681	5,900,066	72,233
Total	105,752	6,569,193	62,119

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Chart Q shows a graphic presentation of nine-month year to date 2018 Japanese bicycle import unit share from “Taiwan” by category based on Table 18. This chart looks totally different from Chart H which shows total import or Chart O which shows import from “China”. “Miscellaneous” captures 77% big share and “Mountain Bikes” follows to capture 9% share. On the other hand, “Light bicycles” only captures 1% share.

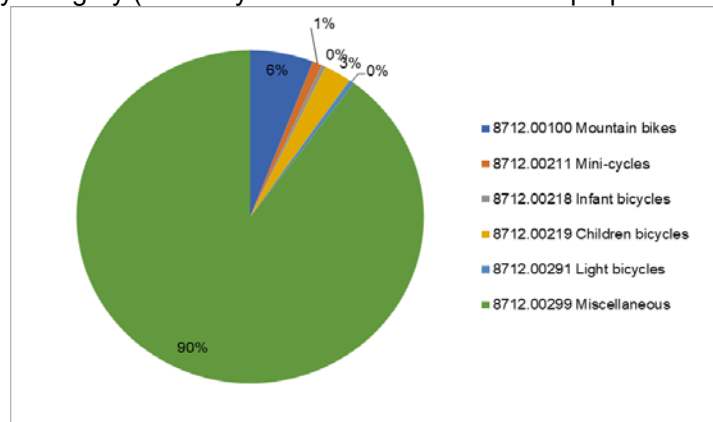
Chart Q Nine-Month YTD2018 Japanese bicycle import from “Taiwan”:
Unit share by category (“Motorcycles with electric motor for propulsion” is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Moreover, Chart R shows a graphic presentation of nine-month year to date 2018 Japanese bicycle import value share from “Taiwan” by category also based on Table 18. The characteristics appear more remarkably than the unit import share. “Miscellaneous” captures 90% share and “Mountain Bikes” follows capturing 6% share. The share of “Light bicycles” is very little.

Chart R Nine-Month YTD2018 Japanese bicycle import from “Taiwan”:
Value share by category (“Motorcycles with electric motor for propulsion” is not included)



Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Then, Table 19 shows source countries and areas of nine-month year to date 2018 Japanese “Motorcycles with electric motor for propulsion” import compared to that of 2017 for reference.

Table 19 (Reference) Main source countries and areas of Japanese
“Motorcycles with electric motor for propulsion” import
in Nine-Month Year to Date 2018 compared to 2017

Source country/area	Total units	% share of total units	Total CIF Value (JPY thousand)	% share of total value	Average CIF unit value (JPY)
9-month YTD 2018 China	230,115	98.2	8,748,449	95.8	38,018
9-month YTD 2017 China	128,189	99.5	4,825,882	95.9	37,647
Variance %	101,926	-1.3	3,922,567	-0.2	371
9-month YTD 2018 Taiwan	3,630	1.5	208,834	2.3	57,530
9-month YTD 2017 Taiwan	402	0.3	48,991	1.0	121,868
Variance %	3,228	1.2	159,843	1.3	-64,338
9-month YTD 2018 Others	501	0.2	177,871	1.9	355,032
9-month YTD 2017 Others	213	0.2	156,182	3.1	733,249
Variance %	288	0.0	21,689	-1.2	-378,217
9-month YTD 2018 Total	234,246	100.0	9,135,154	100.0	38,998
9-month YTD 2017 Total	128,804	100.0	5,031,055	100.0	39,060
Variance %	105,442	0.0	4,104,099	0.0	-62

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis Due to round off, Total may not match.

4. Domestic unit volume

Almost all the Japanese bicycle export is used bicycle export to developing countries. Therefore, production units plus import units can be defined as domestic unit volume. Table 20 shows a fifteen-year history of nine-month year to date domestic unit volume. Nine-Month Year to Date 2018 domestic unit volume is 5,378,757, 9.3% decrease from the same period of the previous year, and the lowest in the last fifteen years. And its domestic production ratio is 11.6%.

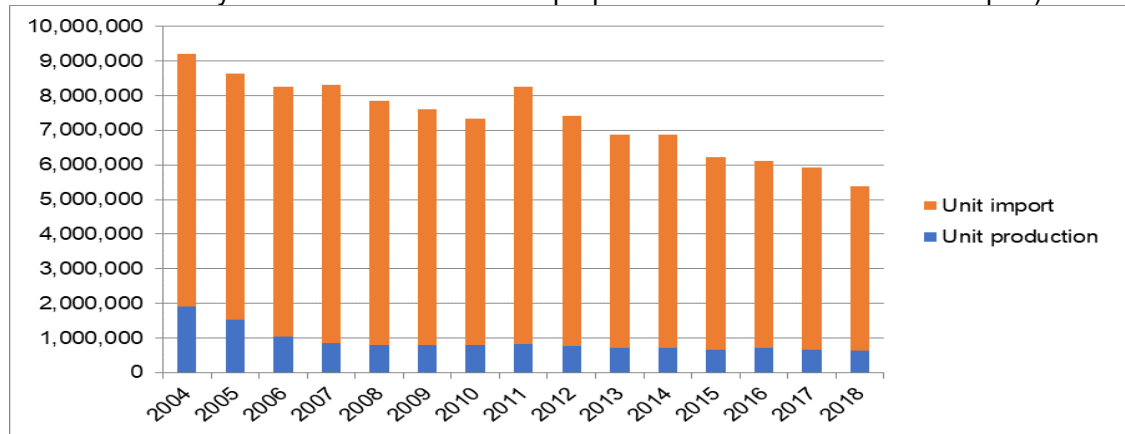
Table 20 Fifteen-year history of Nine-Month Year to Date
Japanese bicycle domestic unit volume
("Electric power assist bicycles" is included in unit production;
"Motorcycles with electric motor for propulsion" is not included in unit import)

9-month YTD	Unit production	Unit import	Domestic unit volume	Domestic production ratio %
2018	623,456	4,755,301	5,378,757	11.6
2017	649,945	5,279,296	5,929,241	11.0
2016	704,637	5,407,408	6,112,045	11.5
2015	661,545	5,563,740	6,225,285	10.6
2014	713,781	6,156,819	6,870,600	10.4
2013	714,851	6,164,050	6,878,901	10.4
2012	781,456	6,645,307	7,426,763	10.5
2011	831,406	7,439,430	8,270,836	10.1
2010	797,261	6,532,074	7,329,335	10.9
2009	792,224	6,805,437	7,597,661	10.4
2008	810,141	7,055,737	7,865,878	10.3
2007	854,776	7,472,189	8,326,965	10.3
2006	1,031,806	7,218,377	8,250,183	12.5
2005	1,520,226	7,122,058	8,642,284	17.6
2004	1,910,976	7,305,694	9,216,670	20.7

Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey
(Before 2017 figure is revised)
Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

Chart S is the graphic presentation of this history.

Chart S Fifteen-year history of Nine-Month YTD domestic bicycle unit volume (units)
 (“Electric power assist bicycles” is included in unit production;
 “Motorcycles with electric motor for propulsion” is not included in unit import)



Source : Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey
 (Before 2017 figure is revised)
 Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

5. Japanese bicycle export

Almost all the Japanese bicycle export is used bicycle export to developing countries. Table 21 shows main destination countries and areas of Japanese bicycle export in September 2018. Average FOB unit value clearly proves that the bicycle export is used bicycle export. In this part of the report, “Motorcycles with electric motor for propulsion” is excluded.

Table 21 September 2018 Japanese bicycle export by destination countries and areas

Destination country/area	Total units	Total FOB value (JPY thousand)	Average FOB unit value (JPY)
Ghana	49,967	77,436	1,550
Cambodia	38,894	78,755	2,025
Myanmar	35,275	50,042	1,419
Tanzania	29,270	51,364	1,755
Iraq	19,443	37,682	1,938
Afghanistan	17,873	28,101	1,572
Nigeria	10,327	17,053	1,651
UAE	7,723	12,214	1,582
Philippines	7,311	13,440	1,838
Thailand	3,992	5,855	1,467
Others	7,892	23,693	3,002
Total	227,967	395,635	1,735

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
 Japan Bicycle Promotion Institute Processing and Analysis

Table 22 shows a fifteen-year history of nine-month year to date Japanese bicycle export from 2004 to 2018. Total units are the sixth largest and total value is the fourth highest in the last fifteen years. The average unit value in nine-month year to date 2018 is JPY 1,669, the third highest in the last fifteen years.

Table 22 Fifteen-year history of Nine-Month Year to Date Japanese bicycle export:
All categories

9-month YTD	Total units	Total FOB value (JPY thousand)	Average FOB unit value (JPY)
2018	2,234,052	3,727,953	1,669
2017	2,365,612	3,788,198	1,601
2016	2,332,886	4,090,139	1,753
2015	2,570,617	4,645,451	1,807
2014	2,420,144	3,665,553	1,515
2013	2,323,183	3,157,174	1,359
2012	2,193,967	2,874,936	1,310
2011	1,907,450	2,514,470	1,318
2010	1,751,898	2,328,719	1,329
2009	1,595,171	2,190,288	1,373
2008	1,743,907	2,904,059	1,665
2007	1,420,134	1,935,946	1,363
2006	960,014	1,034,642	1,078
2005	879,327	992,025	1,128
2004	751,450	957,533	1,274

Source : Ministry of Finance Japan (MOF) Trade Statistics of Japan,
Japan Bicycle Promotion Institute Processing and Analysis

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