

Japanese bicycle production, import and export (Twelve-Month Year to Date 2013)

1. Japanese bicycle production

According to Ministry of Economy, Trade and Industry (METI) Current Production Statistics Survey, Japanese complete bicycle production in twelve-month year to date 2013 is 962,200 units, and JPY 42,702million. Table 1 shows that total production units decrease 5.0%; however, total production value increase 6.0% compared to the same period of the previous year. On the other hand, average production unit value in twelve-month year to date 2013 is up 11.5% from JPY 39,791 in 2012 to JPY 44,380 in 2013.

Table 1
Twelve-Month Year to Date 2013 Japanese bicycle production

	Total Units	Total Production Value(JPY million)	Average Unit Value(JPY)
12 month YTD 2013	962,200	42,702	44,380
12 month YTD 2012	1,012,314	40,281	39,791
Variance	-50,114	2,421	4,589
Variance%	-5.0%	6.0%	11.5%

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

Table 2 shows the detail by product category of Japanese bicycle production during the twelve-month YTD 2013 compared to the same period of 2012. “Electric power assist bicycles” show increase in both units and value compared to the same period of 2012. On the other hand, “Light bicycles” is dramatically down by 20.4% in units and 13.7% in value, and “Miscellaneous” also show decrease both in units and value.

Table 2
Production by category:
Twelve-Month Year to Date 2013 compared to Twelve-Month Year to Date 2012

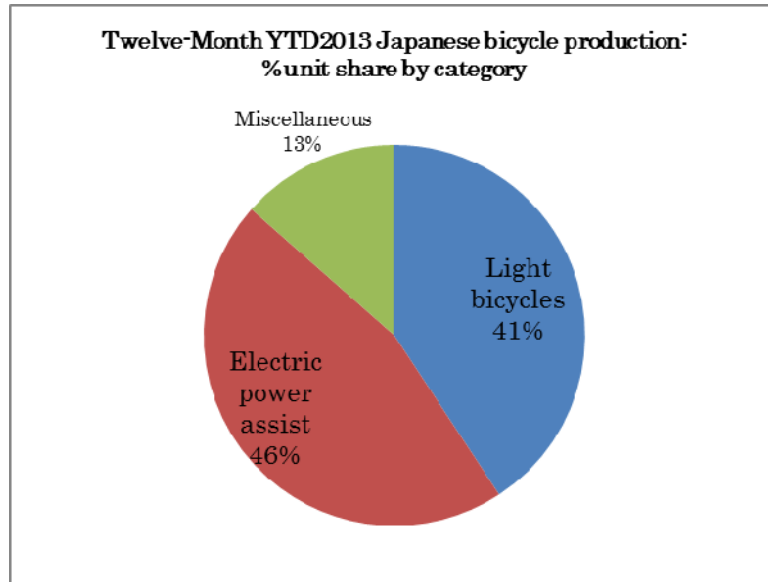
12 month YTD	2013		2012		Variance			
	units	Value(JPY million)	units	Value(JPY million)	units	%	Value (JPY million)	%
Light bicycles	392,059	8,215	492,463	9,518	-100,404	-20.4	-1,303	-13.7
Electric power assist	440,359	31,278	383,196	27,453	57,163	14.9	3,825	13.9
Miscellaneous	129,782	3,208	136,655	3,310	-6,873	-5.0	-102	-3.1
Total	962,200	42,702	1,012,314	40,281	-50,114	-5.0	2,420	6.0

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

Chart A shows a graphic presentation of twelve-month year to date 2013 Japanese bicycle unit production share by category based on Table 2. “Electric power assist” captures biggest

46% share of the production during the twelve-month year to date 2013, and “Light bicycles” follows capturing 41% share.

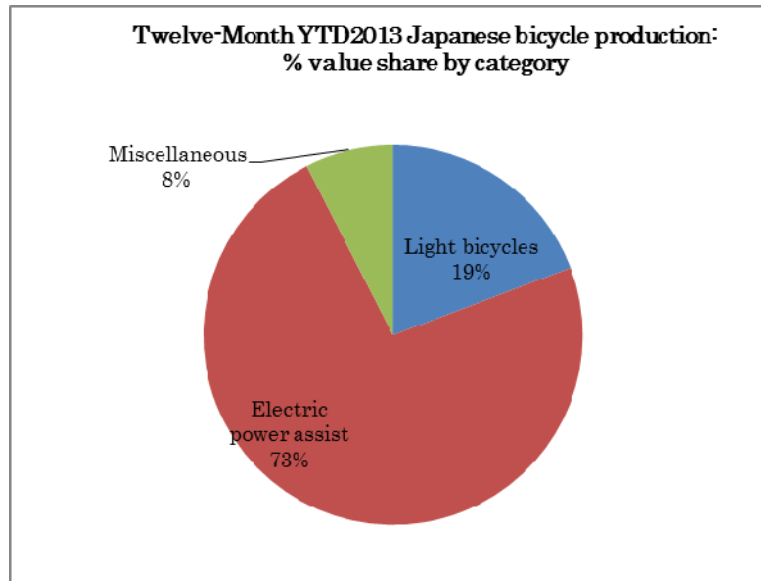
Chart A



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

Chart B also shows a graphic presentation of twelve-month year to date 2013 Japanese bicycle production value share by category based on Table 2. “Electric power assist” captured dominant 73% share.

Chart B



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

Table 3 shows average production unit value by product category in twelve-month year to date 2013 compared to the same period of 2012. “Electric power assist” shows 0.9% decrease in average unit value comparing to the same period of the previous year; however, “Light bicycles” increase 8.4% and “Miscellaneous” also increase 2.1%.

Table 3
Average Unit Value by product category:
Twelve-Month Year to Date 2013 compared to Twelve-Month Year to Date 2012

Category	Average Unit Value(JPY) 12 month YTD 2013	Average Unit Value(JPY) 12 month YTD 2012	Variance (JPY)	Variance (%)
Light bicycles	20,953	19,327	1,626	8.4
Electric power assist	71,028	71,642	-614	-0.9
Miscellaneous	24,718	24,222	497	2.1
Total	44,380	39,791	4,589	11.5

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

Table 4 shows production units, total value and average unit value of “Electric power assist bicycles” by month. Twelve month YTD production units increased by 14.9% from 383,196 units in twelve-month YTD2012 to 440,359 units in twelve-month YTD 2013. The average unit value of “Electric power assist bicycles” in February 2013 was JPY 60,503. This low value stands out compared to the other months. Through March to December, the average production unit value looks in the standard level with some ups and downs. The average production unit value in twelve-month YTD 2013 is JPY71,028, down almost 1% from JPY71,642 in twelve-month YTD2012.

Table 4
Production of “Electric power assist bicycles” by month: 2013 compared to 2012

	2013			2012			Variance of average unit value(JPY)
	Unit production	Production value(JPY million)	Average unit value(JPY)	Unit production	Production value(JPY million)	Average unit value(JPY)	
Jan.	33,738	2,476	73,389	35,535	2,501	70,381	3,008
Feb.	35,833	2,168	60,503	40,781	3,003	73,637	-13,134
March	42,603	3,064	71,920	40,025	2,864	71,555	365
April	40,518	2,890	71,326	38,387	2,741	71,404	-78
May	34,197	2,482	72,579	37,358	2,647	70,855	1,724
June	36,196	2,500	69,068	35,022	2,534	72,355	-3,286
July	37,811	2,782	73,576	30,712	2,183	71,080	2,497
Aug.	31,997	2,298	71,819	23,207	1,737	74,848	-3,029
Sep.	36,227	2,675	73,840	24,713	1,751	70,853	2,987
Oct.	35,944	2,644	73,559	22,965	1,716	74,722	-1,164
Nov.	38,139	2,747	72,026	24,477	1,752	71,577	449
Dec.	37,156	2,552	68,683	30,014	2,023	67,402	1,282
12 month YTD	440,359	31,278	71,028	383,196	27,453	71,642	-614

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

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 twelve-month year to date 2013 compared to the same period of 2012.

Table 5
Production, shipments and inventory of the Japanese bicycle manufacturers:
Twelve-Month Year to Date 2013 compared to Twelve-Month Year to Date 2012

Category	Production		Receipts (Units)	Shipments			Inventory (Units)
	Units	Value (JPY million)		Sales		Others (Units)	
				Units	Value (JPY million)		
12 month YTD 2013 Light bicycles	392,059	8,215	1,372,311	1,410,366	20,727	358,697	141,438
12 month YTD 2012 Light bicycles	492,463	9,518	1,547,869	1,633,738	22,951	389,212	145,012
Variance %	-20.4	-13.7	-11.3	-13.7	-9.7	-7.8	-2.5
12 month YTD 2013 Electric power assist	440,359	31,278	304,539	445,991	30,622	296,535	25,715
12 month YTD 2012 Electric power assist							
Variance %	383,196	27,453	265,692	392,361	26,687	258,525	20,973
12 month YTD 2013 Miscellaneous							
12 month YTD 2012 Miscellaneous	14.9	13.9	14.6	13.7	14.7	14.7	22.6
Variance %	129,782	3,208	561,137	565,969	9,411	144,714	49,045
12 month YTD 2013 Total	136,655	3,310	648,722	636,506	9,682	143,879	65,255
12 month YTD 2012 Total	-5.0	-3.1	-13.5	-11.1	-2.8	0.6	-24.8
Variance %	962,200	42,702	2,237,987	2,422,326	60,760	799,946	216,198
	1,012,314	40,281	2,462,283	2,662,605	59,321	791,616	231,240
	-5.0	6.0	-9.1	-9.0	2.4	1.1	-6.5

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

Total receipts units in twelve-month year to date 2013 decrease 9.1% compared to twelve-month year to date 2012. By category, "Light bicycles" decrease 11.3%, "Miscellaneous" which includes wide variety type of bicycles also decreases 13.5%. However, unit receipts of "Electric power assist bicycles" increase 14.6%. Most of the unit receipt considered to be import bicycle units by Japanese bicycle manufacturers.

Total units of shipments sales in twelve-month year to date 2013 decrease 9.0% compared to that of twelve-month year to date 2012. By category, "Light bicycles" decrease 13.7%, and "Miscellaneous" decrease 11.1%, but "Electric power assist bicycles" increase by 13.7%. Total value of shipments sales increase by 2.4% in twelve-month year to date 2013 compared to the same period of 2012. By category, "Light bicycles" decrease 9.7% and "Miscellaneous" also decrease 2.8%; however, "Electric power assist bicycles" greatly increase by 14.7%.

Total units of shipments others increase 1.1% in twelve-month year to date 2013 compared to the same period of 2012. By category, "Light bicycles" decrease 7.8%, on the other hand, "Electric power assist bicycles" increase by 14.7% and "Miscellaneous" also increase 0.6%. Shipments others are principally the commissioned products shipped to the consigners.

Total month end inventory in December 2013 is 216,198 units, 6.5% decrease from 231,240 units in December 2012. "Electric power assist bicycles" increase 22.6%; however, "Light bicycles" decrease 2.5% and "Miscellaneous" decrease 24.8%.

Table 6 shows an eight year history of twelve-month year to date Japanese bicycle production, shipments and inventory from 2006 to 2013.

Table 6
Eight year history of bicycle production and shipments: Twelve-Month Year to Date
December month end inventory by Japanese bicycle manufactures

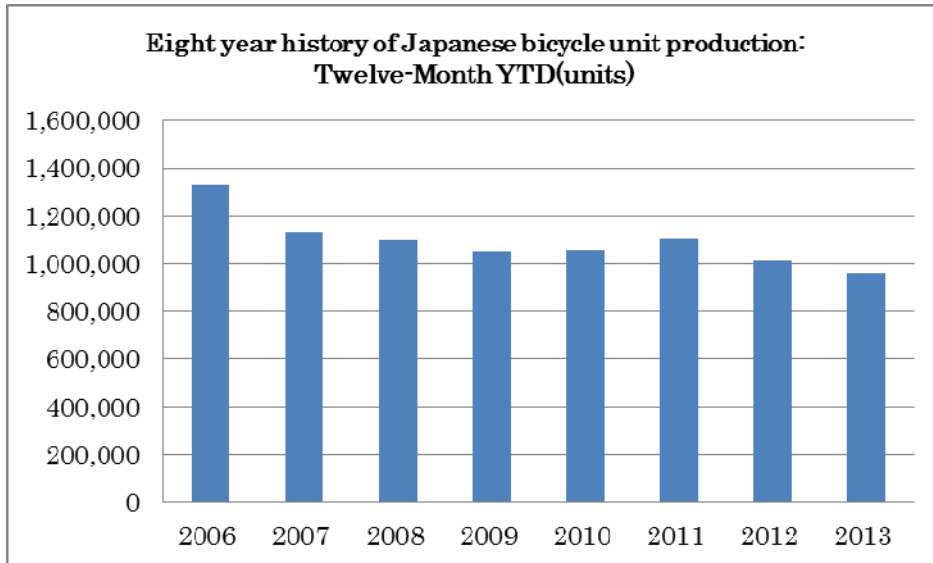
12 month YTD	Production			Shipments			Dec. Inventory (Units)
	Units	Value(JPY million)	Average Unit Value(JPY)	Units	Value(JPY million)	Average Unit Value(JPY)	
2013	962,200	42,702	44,380	2,422,326	60,760	25,083	216,198
2012	1,012,314	40,281	39,791	2,662,605	59,321	22,279	231,240
2011	1,101,666	42,786	38,838	3,012,322	65,969	21,900	241,321
2010	1,056,951	36,956	34,965	3,038,180	58,087	19,119	208,140
2009	1,049,469	34,435	32,812	3,098,458	56,256	18,156	219,329
2008	1,094,932	28,846	26,345	3,503,464	53,463	15,260	215,790
2007	1,135,606	25,205	22,195	3,616,043	47,819	13,224	211,533
2006	1,334,512	25,614	19,194	3,924,321	47,485	12,100	214,826

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

Production units in twelve-month year to date 2013 are less than 1 million, the lowest in the eight year history; however, production value in this period is the second highest in this history. With these facts, the average production unit value shows steady increase in the last eight years; make the twelve-month year to date 2013 production average unit value JPY 44,380 highest in the last eight years. Also, shipments units are the lowest in eight years, but shipments value in twelve-month year to date 2013 is the second highest, make the average shipments unit value in twelve-month year to date 2013 JPY 25,083 highest in eight years as average production unit value. When compared average production unit value to average shipments unit value, average production unit value has been higher than average shipments unit value for eight consecutive years. Month end inventory of December 2013 is 216,198 units, standard level in the last eight years.

Chart C shows a graphic presentation of this eight year history of Japanese bicycle unit production during the twelve-month year to date from 2006 to 2013 based on Table 6. From 2009 to 2011, it showed increase trend, however, in 2012 and 2013, it decreases again.

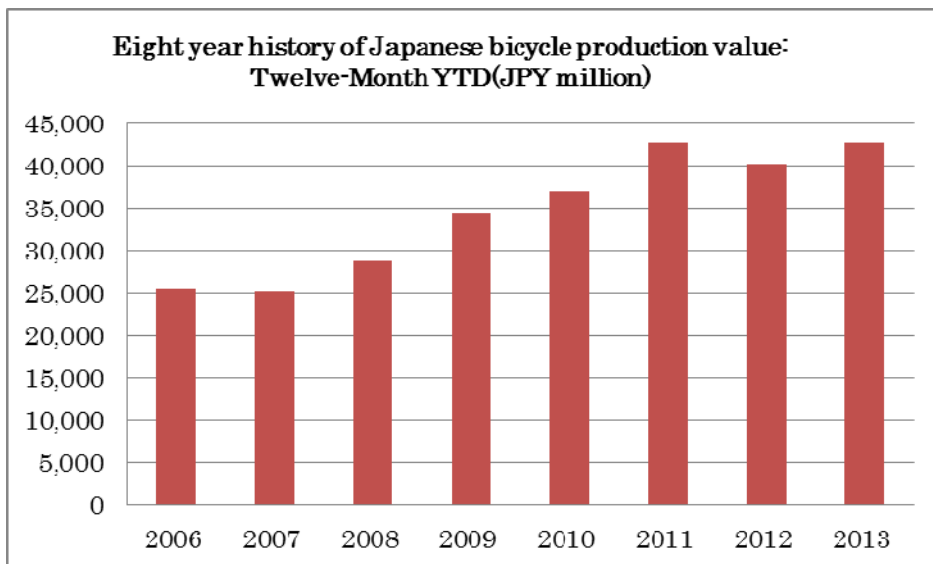
Chart C



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

Chart D shows a graphic presentation of the eight year history of Japanese bicycle production value during the twelve-month year to date from 2006 to 2013 also based on Table 6. Production value increased steadily until 2011, but it decreased in 2012. In 2013 however, it recovered to 2011 level.

Chart D



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

3. Japanese bicycle import

Table 7 shows Japanese bicycle import of all product categories in twelve-month year to date 2013 compared to the same period of 2012. Total units decrease by 6.7%, but total CIF value increases 10.1%, resulted in average CIF unit value 17.9% increase from JPY 8,563 in twelve-month year to date 2012 to JPY 10,099 in twelve-month year to date 2013.

Table 7
Japanese bicycle import:
Twelve-month Year to Date 2013 compared to twelve-month Year to Date 2012

	Total units	Total CIF Value (JPY thousand)	Average CIF unit value(JPY)
12 month YTD 2013	7,932,395	80,110,588	10,099
12 month YTD 2012	8,499,444	72,777,306	8,563
Variance	-567,049	7,333,282	1,537
Variance %	-6.7	10.1	17.9

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

Table 8 shows twelve-month year to date 2013 Japanese bicycle import by category.

Table 8
Japanese bicycle import in twelve-month year to date 2013 by category

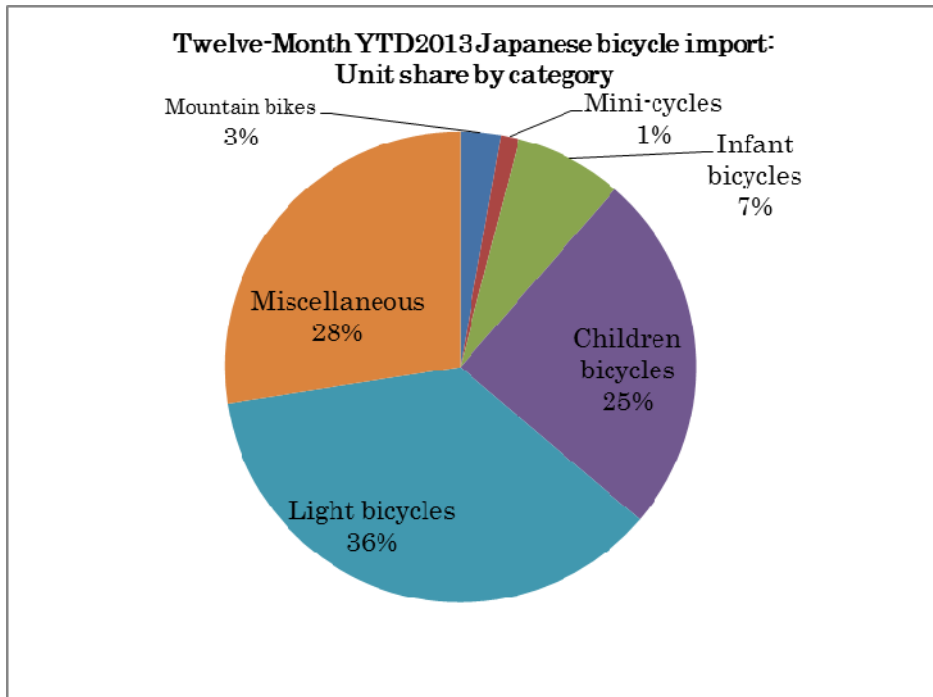
HS number and category	Units	Total CIF Value (JPY thousand)	Average CIF unit value(JPY)
8712.00100 Mountain bikes	219,848	4,620,241	21,016
8712.00211 Mini-cycles	99,363	1,267,021	12,751
8712.00218 Infant bicycles	585,485	3,666,526	6,262
8712.00219 Children bicycles	1,966,906	16,408,936	8,343
8712.00291 Light bicycles	2,881,192	25,021,455	8,684
8712.00299 Miscellaneous	2,179,601	29,126,409	13,363
Total	7,932,395	80,110,588	10,099

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

The average CIF unit value of 8712.00100 “Mountain bikes” is JPY 21,016, highest among the categories. The unit volume of HS8712.00211 “Mini-cycles” is 99,363, the smallest among the six import categories, but its average CIF unit value is rather high JPY 12,751, suggesting that expensive small wheel bicycles are included in this category. The unit volume of HS8712.00291 “Light bicycles” is the biggest, and its average CIF unit value is JPY 8,684. The unit volume of HS8712.00299 “Miscellaneous” which includes sports use bicycles and light bicycles equipped with outer derailleur is the second highest among the six categories, its total CIF Value is highest, and its average CIF unit value is JPY 13,363 following “Mountain Bikes”.

Chart E shows a graphic presentation of twelve-month year to date 2013 Japanese bicycle import unit share by category based on Table 8. As noted, “Light bicycles” captures 36 % share, then “Miscellaneous” follows capturing 28% share.

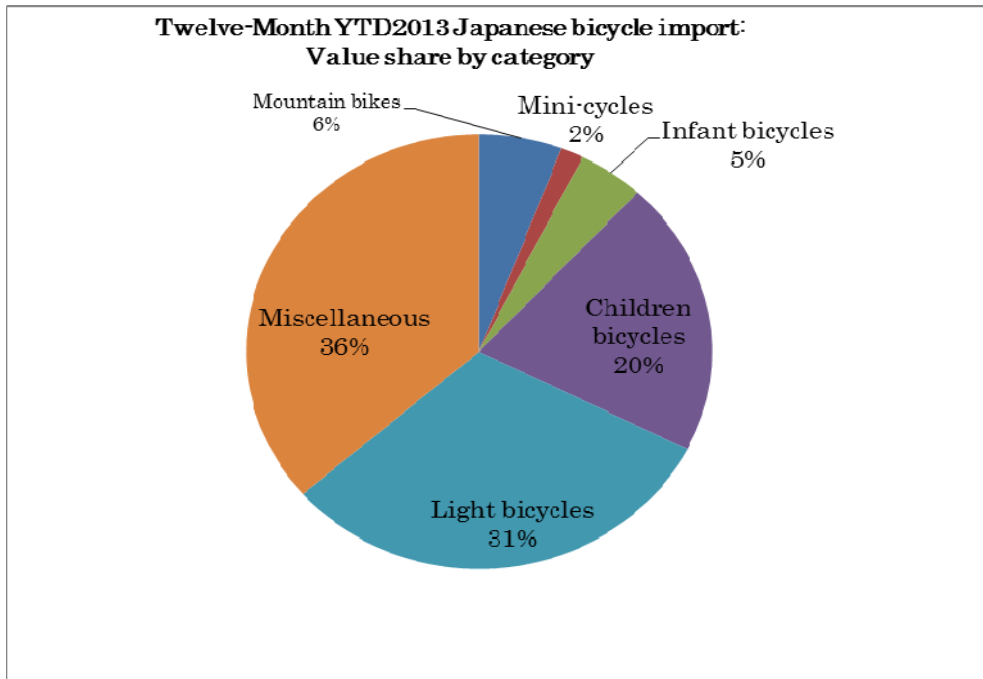
Chart E



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

Chart F shows a graphic presentation of twelve-month year to date 2013 Japanese bicycle import value share by category also based on Table 8. "Miscellaneous" captures 36% and "Light bicycles" captures 31%, both have large share. When combined, these two capture 67% share during the period.

Chart F



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

As reported in the previous reports, HS number and import categories are classified as follows;

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)

Source : Japan Bicycle Promotion Institute

Table 10 shows twelve-month year to date 2013 Japanese bicycle import by category compared to the same period of the previous year.

Table 10
Twelve-Month Year to Date 2013 Japanese bicycle import by category compared to
Twelve-Month Year to Date 2012

12 month YTD Category	2013		2012		Variance %	
	units	Total CIF value (JPY thousand)	units	Total CIF value (JPY thousand)	units	CIF value
8712.00100 Mountain bikes	219,848	4,620,241	325,828	5,737,245	-32.5%	-19.5%
8712.00211 Mini-cycles	99,363	1,267,021	92,405	916,531	7.5%	38.2%
8712.00218 Infant bicycles	585,485	3,666,526	692,111	3,488,983	-15.4%	5.1%
8712.00219 Children bicycles	1,966,906	16,408,936	2,075,504	14,271,532	-5.2%	15.0%
8712.00291 Light bicycles	2,881,192	25,021,455	3,094,262	22,420,782	-6.9%	11.6%
8712.00299 Miscellaneous	2,179,601	29,126,409	2,219,334	25,942,233	-1.8%	12.3%
Total	7,932,395	80,110,588	8,499,444	72,777,306	-6.7%	10.1%
Average unit price (JPY)		10,099		8,563		17.9%

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

Units decrease in all categories except “Mini-cycles” shows 7.5% increase. Especially, “Mountain bikes” shows 32.5% unit decrease. “Light bicycles” has the biggest unit volume among the categories, and its unit volume has decreased 6.9%, from 3,094,262 units in twelve-month year to date 2012 to 2,881,192 units in twelve-month year to date 2013. “Mountain bikes” which decreases unit volume also decreases import value by 19.5%. On the other hand, because import CIF value of “Mini-cycles” by 38.2%, “Infant bicycles” by 5.1%, “Children bicycles” by 15.0%, “Light bicycles” by 11.6% and “Miscellaneous” by 12.3 % increase respectively, the total import CIF value increases 10.1%.

Table 11 shows a thirteen year history of twelve-month year to date Japanese bicycle import.

Table 11
Thirteen-year history of Twelve-Month Year to Date Japanese bicycle import:
All categories

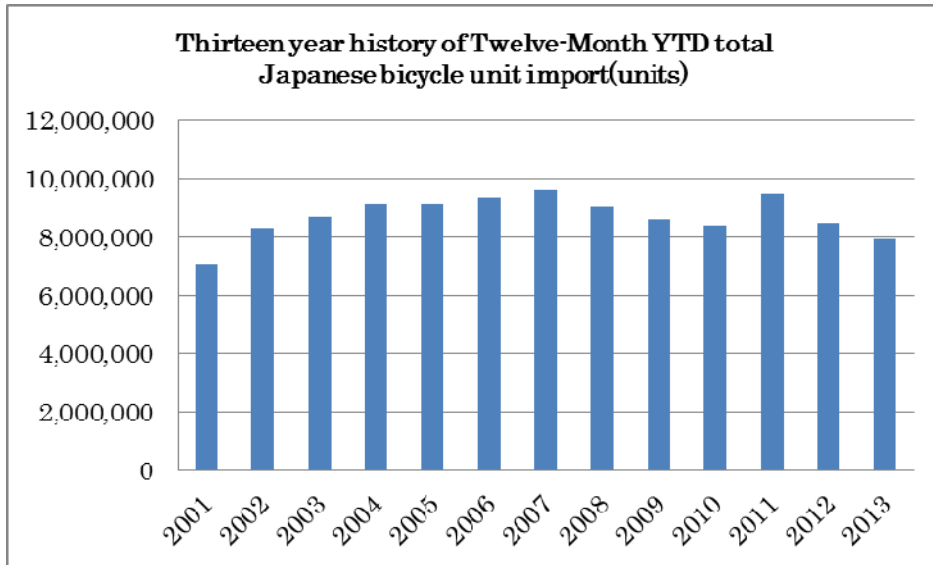
12 month YTD	Total import units	Total CIF value (JPY thousand)	Average CIF unit value(JPY)
2013	7,932,395	80,110,588	10,099
2012	8,499,444	72,777,306	8,563
2011	9,450,592	74,541,580	7,888
2010	8,401,946	64,891,050	7,723
2009	8,621,717	70,434,052	8,169
2008	9,033,773	78,142,462	8,650
2007	9,603,314	74,875,361	7,797
2006	9,339,172	65,768,000	7,042
2005	9,143,819	58,146,512	6,359
2004	9,138,411	54,913,763	6,009
2003	8,702,626	55,148,720	6,337
2002	8,326,093	57,030,476	6,850
2001	7,091,640	51,030,849	7,196

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

Total import units in twelve-month year to date 2013 are the second lowest in the thirteen year history; and lowest since 2001. On the other hand, total CIF value in twelve-month year to date 2013 shows the highest in the last thirteen years, make the average CIF unit value JPY 10,099, the record high in the last thirteen years, more than JPY 1,500, almost 18% above JPY 8,563 in twelve-month year to date 2012.

Chart G shows the thirteen year history of twelve-month year to date total import units based on Table 11.

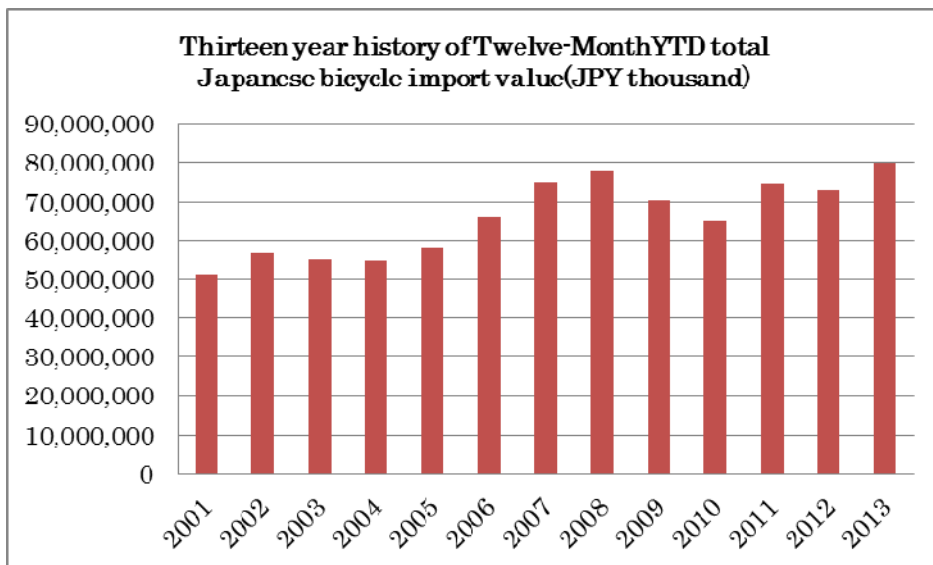
Chart G



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

Chart H shows the thirteen year history of twelve-month year to date total import value also based on Table 11.

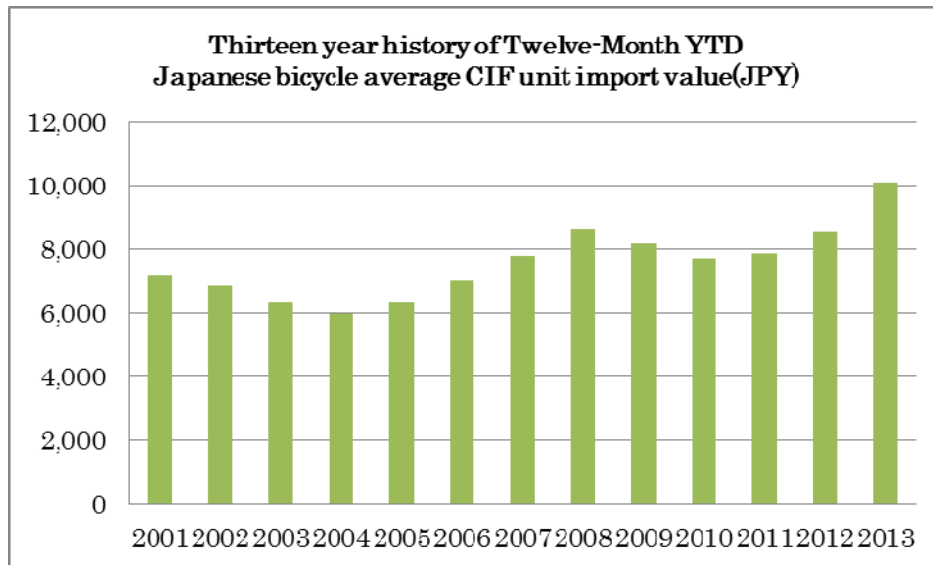
Chart H



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

Chart I shows the thirteen year history of twelve-month year to date average CIF unit import value also based on Table 11.

Chart I



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

Table 12 shows the total unit import by month. Total bicycle unit import in January 2013 was the fourth in the last thirteen years. Total import units of February 2013 were 729,345, ranked down to fifth from the bottom in the last thirteen years. Then, total import units of March in this year became 997,586, smallest since 2001. Total import units of April 2013 were 949,665, the fourth smallest in the last thirteen years, and total import units of May 2013 were 634,542. Finally it got the smallest in the last thirteen years. Then June total import units were 514,285, continues to be the smallest in the last thirteen years. Following July total unit import was third lowest in the last thirteen years, and both August and September total unit import were the second lowest in the last thirteen years. Total import unit of October 2013 again hit the record low in this thirteen year history.

Table 12
Thirteen year history of total import units by month:
January through September

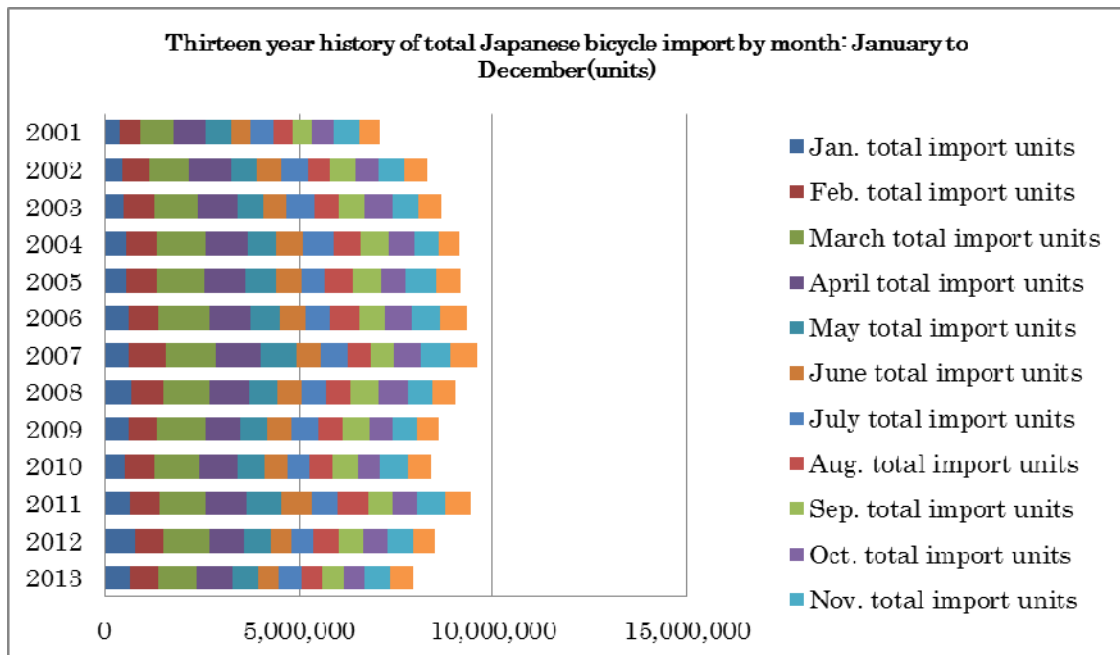
year	January total import units	February total import units	March total import units	April total import units	May total import units	June total import units
2013	646,439	729,345	997,586	949,665	634,542	514,285
2012	759,838	779,645	1,156,072	904,565	672,252	525,908
2011	661,234	725,936	1,192,986	1,067,890	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
2003	504,267	764,381	1,145,964	1,015,772	655,917	610,329
2002	462,594	682,561	1,051,785	1,037,903	705,257	618,883
2001	402,134	489,191	875,729	821,736	646,209	520,779

year	July total import units	Aug. total import units	Sep. total import units	Oct. total import units	Nov. total import units	Dec. total import units	12 month YTD total import units
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
2003	694,160	623,008	684,831	710,079	691,745	602,173	8,702,626
2002	678,438	585,452	634,374	597,460	671,907	599,479	8,326,093
2001	597,110	492,476	508,814	557,178	635,910	544,374	7,091,640

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

Chart L shows a graphic presentation of thirteen year history of total import units by month based on Table 12. This chart shows that unit import of the month of March is big every year.

Chart J



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

Table 13 shows a thirteen year history of twelve-month year to date Japanese bicycle unit import by category.

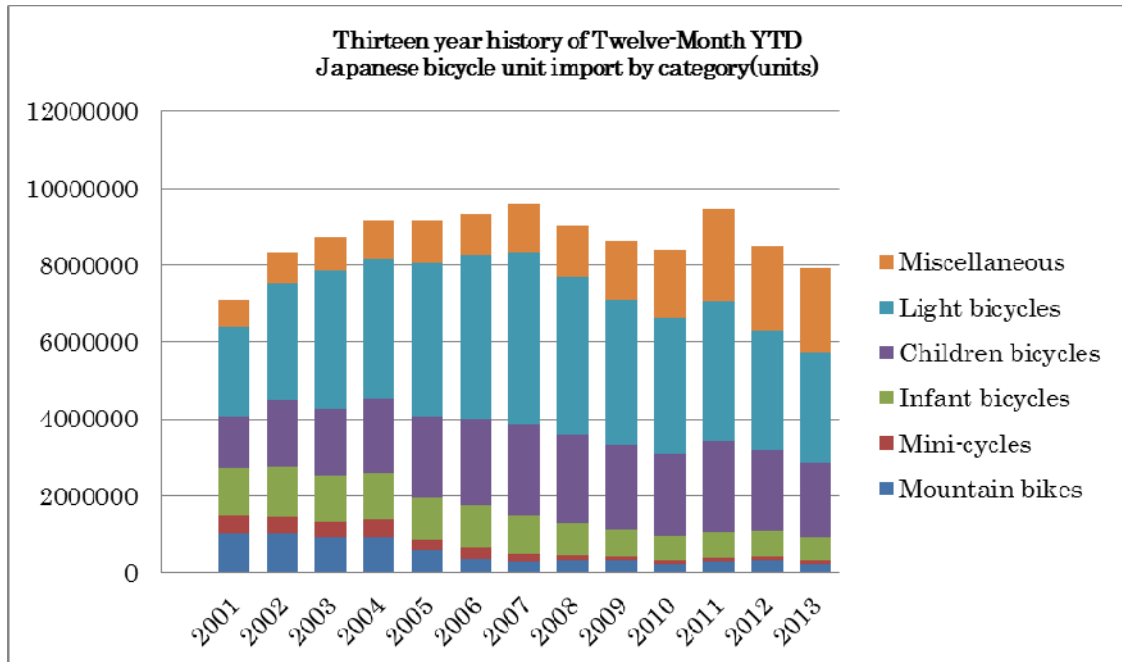
Table 13
Thirteen-year history of Twelve-Month Year to Date
Japanese bicycle unit import by categories

12 month YTD	8712.00100 Mountain bikes	8712.00211 Mini-cycles	8712.00218 Infant bicycles	8712.00219 Children bicycles	8712.00291 Light bicycles	8712.00299 Miscellaneous	Total
2013	219,848	99,363	585,485	1,966,906	2,881,192	2,179,601	7,932,395
2012	325,828	92,405	692,111	2,075,504	3,094,262	2,219,334	8,499,444
2011	288,094	110,599	658,735	2,387,853	3,608,216	2,397,095	9,450,592
2010	225,716	124,094	613,003	2,133,052	3,526,359	1,779,722	8,401,946
2009	300,708	118,241	718,801	2,210,631	3,744,364	1,528,972	8,621,717
2008	296,984	157,596	832,968	2,299,371	4,106,823	1,340,031	9,033,773
2007	289,270	213,917	986,539	2,368,441	4,481,866	1,263,281	9,603,314
2006	376,390	263,380	1,134,179	2,236,065	4,247,509	1,081,649	9,339,172
2005	576,127	278,403	1,091,848	2,105,760	4,000,024	1,091,657	9,143,819
2004	904,165	476,528	1,196,247	1,928,895	3,675,231	957,345	9,138,411
2003	929,832	398,388	1,203,448	1,735,536	3,571,855	863,567	8,702,626
2002	1,038,877	411,716	1,318,150	1,690,663	3,042,743	823,944	8,326,093
2001	1,043,222	436,601	1,245,415	1,335,263	2,351,540	679,599	7,091,640

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

In twelve-month year to date 2013, 219,848 units “Mountain bikes”, and 585,485 “Infant bicycles” are imported. Total import units of these two categories hit the record low in the last thirteen years. Also, total import units of twelve-month year to date “Mini-cycles” are the second lowest. And, 1,966,906 units “Children bicycles” are imported in twelve-month year to date 2013, ranks in the fifth low and lowest since 2004 in the thirteen year history. The total import units of “Light bicycles” in twelve-month year to date 2013 rank the second lowest since 2001 in the thirteen year history. On the other hand, the total import units of “Miscellaneous” in twelve-month year to date 2013 are 2,179,601, the third highest in the last thirteen year history; however, decreasing three consecutive years after 2011 hit the record high of 2,397,095. Total units import of twelve-month year to date is 7,932,395, the second lowest since 2001. Chart K shows these import history.

Chart K



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

Table 14 shows source countries and areas of twelve-month year to date 2013 Japanese bicycle import.

Table 14
Main source countries and areas of Japanese bicycle import in twelve-month year to date 2013

Source country/area	Total units	Total CIF Value (JPY thousand)	Average CIF unit value(JPY)
China	7,666,093	68,168,186	8,892
Taiwan	242,430	10,485,951	43,254
Others	23,862	1,456,451	61,036
Total	7,932,385	80,110,588	10,099

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

It is clear that China continues to be the biggest source country. It captures 97% of total units, and 85% of total CIF value. The average CIF unit value is JPY 8,892. Taiwan follows China, capturing 3% of total units, and 13% of total CIF value. The average CIF unit value is JPY 43,254, almost five times of the Chinese. These two combined capture 99.7% of total units and 98.2% of total CIF value.

4. Domestic unit volume

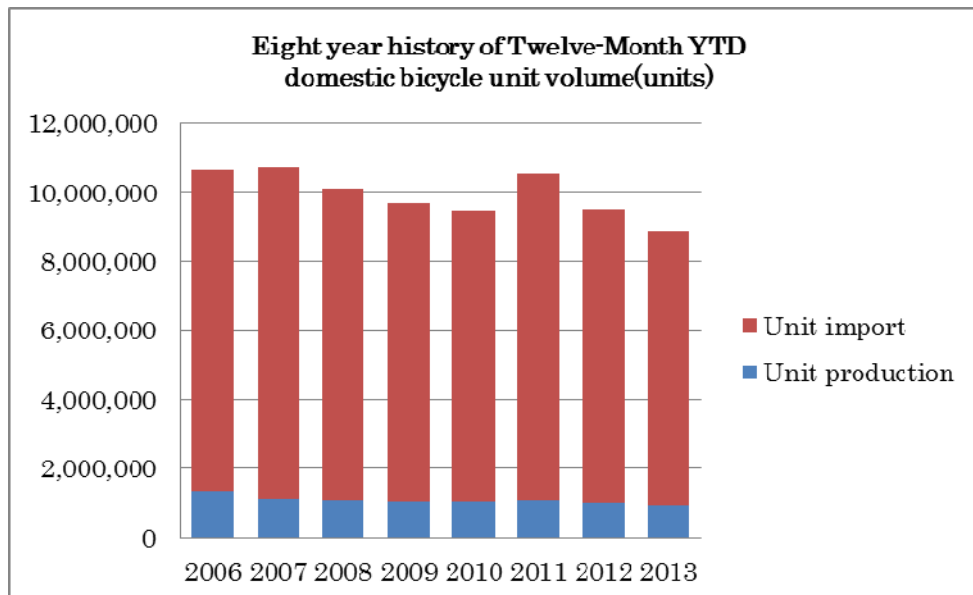
Almost all of the Japanese bicycle export is used bicycle export to developing countries. Therefore, production units plus import units can be defined as domestic unit volume. Table 15 shows an eight year history of twelve-month year to date domestic unit volume. The domestic unit volume of twelve-month year to date 2013 is the lowest in the eight year history. This is because “Unit production” and “Unit import” both hit the record low in the eight years. Domestic production ratio in 2013 is 10.8%, standard level in the eight year history. Chart L is a graphic presentation of this history.

Table 15
Eight-year history of Twelve-Month Year to Date
Japanese bicycle domestic unit volume

12 month YTD	Unit production	Unit import	Domestic unit volume	Domestic production ratio %
2013	962,200	7,932,395	8,894,595	10.8
2012	1,012,314	8,499,444	9,511,758	10.6
2011	1,101,666	9,450,592	10,552,258	10.4
2010	1,056,951	8,401,946	9,458,897	11.2
2009	1,049,469	8,621,717	9,671,186	10.9
2008	1,094,932	9,033,773	10,128,705	10.8
2007	1,135,606	9,603,314	10,738,920	10.6
2006	1,334,512	9,339,172	10,673,684	12.5

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

Chart L



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

5. Japanese bicycle export

Almost all of the Japanese bicycle export is used bicycle export to developing countries. Table 16 shows main destination countries and areas of Japanese bicycle export in December 2013. Average FOB unit value clearly proves that the bicycle export is used bicycle export.

Table 16
December 2013 Japanese bicycle export by destination countries and areas

Destination country/area	Total units	Total FOB value (JPY thousand)	Average FOB unit value(JPY)
Cambodia	54,466	73,772	1,354
Myanmar	47,593	63,234	1,329
Ghana	41,135	54,693	1,330
Nigeria	29,459	46,909	1,592
UAE	24,903	38,973	1,565
Thailand	14,462	26,712	1,847
Afghanistan	14,432	15,324	1,062
Tanzania	13,518	16,324	1,208
Philippines	8,723	12,430	1,425
Hong Kong	7,900	13,049	1,652
Others	21,988	33,807	1,538
Total	278,579	395,227	1,419

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

Table 17 shows a thirteen year history of twelve-month year to date Japanese bicycle export from 2001 to 2013. Total units are steadily increasing, and twelve-month year to date 2013 is the record high in the last thirteen years. Total FOB value in twelve-month year to date 2013 is also the highest in the last thirteen years. The average unit value in twelve-month year to date 2013 is JPY 1,375, showing no major change in the last five years.

Table 17
Thirteen-year history of twelve-month year to date
Japanese bicycle export: All categories

12 month YTD	Total units	Total FOB value (JPY thousand)	Average FOB unit value(JPY)
2013	3,142,282	4,320,542	1,375
2012	2,980,626	3,863,945	1,296
2011	2,676,620	3,505,035	1,310
2010	2,393,342	3,180,711	1,329
2009	2,214,528	3,000,068	1,355
2008	2,283,080	3,772,868	1,653
2007	2,095,644	3,028,212	1,445
2006	1,340,136	1,467,329	1,095
2005	1,221,802	1,364,928	1,117
2004	1,009,023	1,259,526	1,248
2003	865,478	1,151,778	1,331
2002	646,597	828,013	1,281
2001	559,732	793,344	1,417

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