

2019

STATISTICS OF

RECOVERED PAPER

IN JAPAN



PUBLIC INTEREST INCORPORATED FOUNDATION
PAPER RECYCLING PROMOTION CENTER

July 2020

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Introduction

1. Statistics In these statistics, the consumption of recovered paper is for paper and paperboard making, not include for other application.
2. Unit In these statistics, the volume is mentioned in one thousand metric ton, unless otherwise noted.
3. Data source (1) Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)
 (2) Trade Statistics of Japan (Ministry of Finance)

Recovery rate

(,000mt)

Year	Paper & Paperboard					Recovered paper				Recovery rate H / D(%)
	Production	Shipment A	Imports B	Exports C	Consumption A+B-C=D	Receipts G	Imports E	Exports F	Recovery volume G-E+F=H	
2000	31,828	31,721	1,470	1,432	31,758	18,238	278	372	18,332	57.7
2005	30,952	30,869	1,754	1,240	31,382	18,687	77	3,710	22,320	71.1
2010	27,363	27,422	1,791	1,461	27,752	17,385	44	4,374	21,715	78.2
2011	26,609	26,520	2,090	947	27,663	17,163	42	4,432	21,553	77.9
2012	25,957	25,818	2,219	806	27,230	16,850	28	4,929	21,752	79.9
2013	26,241	26,422	1,843	1,062	27,203	17,005	30	4,890	21,864	80.4
2014	26,479	26,381	1,736	1,200	26,917	17,165	34	4,619	21,750	80.8
2015	26,228	26,120	1,551	1,357	26,314	17,174	35	4,261	21,401	81.3
2016	26,275	26,302	1,383	1,553	26,132	17,139	43	4,138	21,233	81.3
2017	26,512	26,479	1,347	1,803	26,023	17,360	46	3,734	21,047	80.9
2018	26,056	26,281	1,070	2,019	25,332	16,936	42	3,779	20,673	81.6
2019	25,402	25,146	1,368	1,613	24,901	16,700	47	3,141	19,794	79.5

Data source (1) Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)
(2) Trade Statistics of Japan (Ministry of Finance)

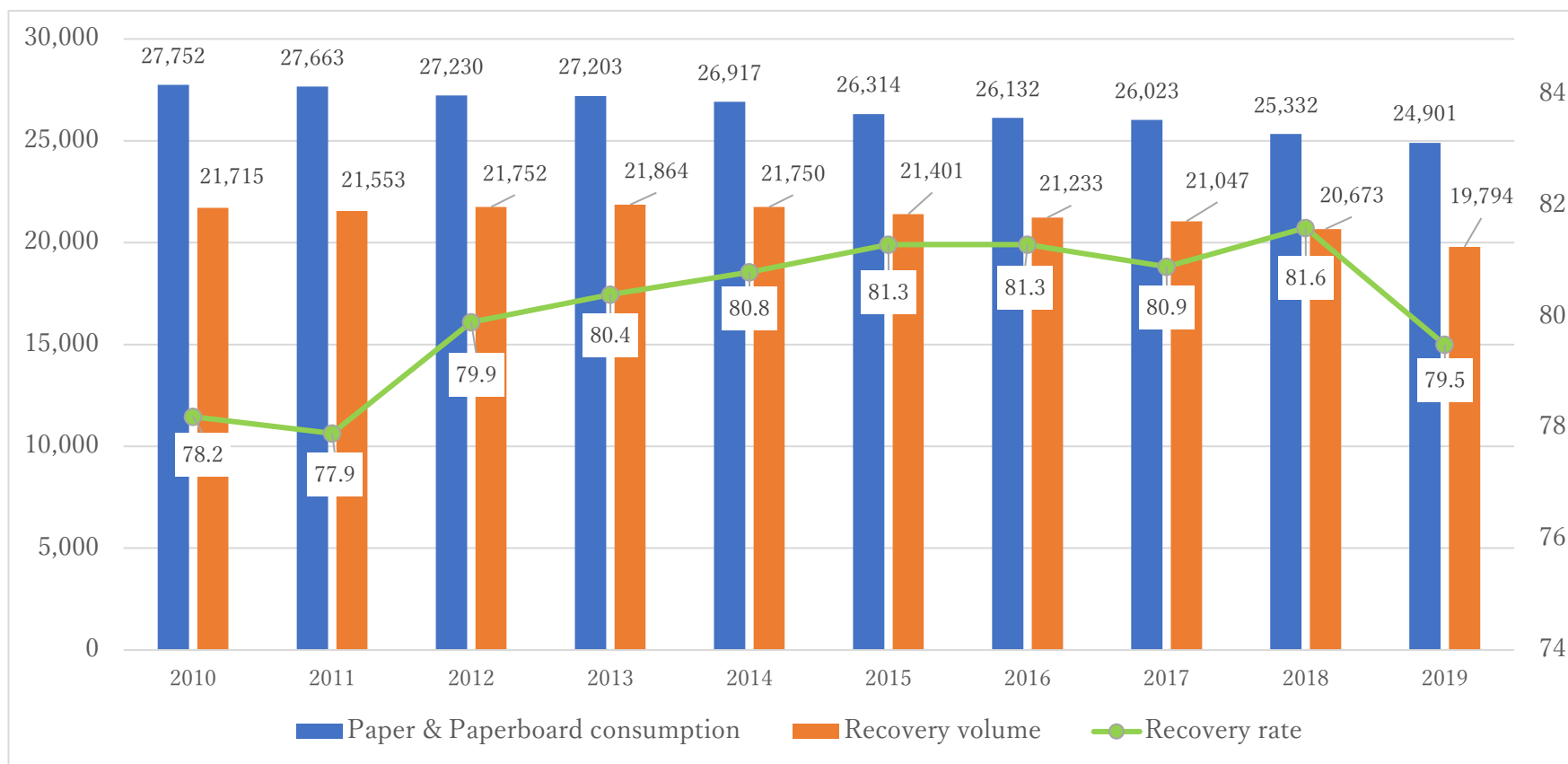
Recovery rate is calculated as the following formula.

$$\text{Recovery rate (\%)} = \frac{\text{Recovery volume of Recovered paper}}{\text{Consumption of Paper and Paper board in Japan}} \times 100$$

Histogram of recovery rate

(,000 mt)

(%)



Data source (1) Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)

(2) Trade Statistics of Japan (Ministry of Finance)

Estimation of recovery rate by grades (2019)

(,000 mt, %)

	Consumption of Paper or Paperboard	Recovery volume	2019 recovery rate (%)	2018 recovery rate (%)
Hard white shavings, white cards	} 10,536 }	} 4,990 }	} 47.4 }	} 48.5 }
White woody shavings, white manila				
Fine paper printed (incl. coated paper)				
Quires woody printed paper				
Old magazines				
Old newspaper	2,337	3,392	145.1	149.6
Kraft browns	} 9,646 }	} 10,777 }	} 111.7 }	} 112.4 }
Old corrugated containers				
Box board cuttings	2,381	635	26.7	30.9
Total	24,900	19,794	79.5	81.6

Data source (1) Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)
(2) Trade Statistics of Japan (Ministry of Finance)

Production and shipment of paper & paperboard

(,000 mt)

		Newsprint	Printing and Writing	Sanitary paper	Other paper	Paper total	Container board	Boxboard	Other paperboard	Paperboard total	Total
Production	2010	3,349	9,547	1,792	1,699	16,387	8,647	1,517	812	10,977	27,363
	2011	3,211	8,765	1,780	1,690	15,446	8,811	1,542	810	11,163	26,609
	2012	3,254	8,420	1,767	1,627	15,067	8,637	1,470	782	10,890	25,957
	2013	3,219	8,576	1,747	1,639	15,181	8,805	1,449	805	11,059	26,241
	2014	3,134	8,491	1,767	1,726	15,118	9,096	1,445	820	11,360	26,479
	2015	2,985	8,384	1,766	1,695	14,830	9,187	1,424	788	11,398	26,228
	2016	2,906	8,309	1,807	1,684	14,706	9,364	1,435	770	11,569	26,275
	2017	2,779	8,242	1,786	1,774	14,581	9,682	1,455	795	11,931	26,512
	2018	2,594	7,871	1,776	1,767	14,008	9,765	1,474	809	12,048	26,056
	2019	2,422	7,512	1,831	1,738	13,502	9,658	1,461	780	11,899	25,402
Shipment	2010	3,360	9,592	1,792	1,706	16,449	8,647	1,519	807	10,973	27,422
	2011	3,192	8,760	1,779	1,677	15,408	8,765	1,533	814	11,112	26,520
	2012	3,264	8,311	1,769	1,613	14,957	8,617	1,463	781	10,861	25,818
	2013	3,208	8,712	1,752	1,640	15,312	8,856	1,450	803	11,110	26,422
	2014	3,142	8,443	1,765	1,725	15,075	9,050	1,446	810	11,306	26,381
	2015	2,995	8,355	1,767	1,679	14,797	9,125	1,416	782	11,323	26,120
	2016	2,910	8,312	1,807	1,698	14,726	9,364	1,436	776	11,576	26,302
	2017	2,777	8,178	1,790	1,771	14,516	9,711	1,458	794	11,963	26,479
	2018	2,609	8,035	1,779	1,764	14,187	9,805	1,479	811	12,094	26,281
	2019	2,409	7,422	1,828	1,699	13,358	9,579	1,427	782	11,788	25,146

Data source Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)

Exports and Imports of paper & paperboard

Export

(,000 mt)

	Newspaper	Printing&Writing	Wrapping paper	Other paper	Paper Total	Container board	Box board	Other paperboard	Paperboard Total	Paper & Paperboard Total
2010	58	1,085	140	64	1,346	70	21	24	115	1,461
2011	19	604	151	55	830	77	18	22	117	947
2012	9	511	147	51	718	55	16	17	88	806
2013	7	619	181	56	863	163	17	19	198	1,062
2014	8	614	195	87	904	258	15	23	297	1,200
2015	6	740	201	64	1,010	307	16	23	347	1,357
2016	5	824	219	68	1,116	392	15	29	437	1,553
2017	4	850	244	82	1,179	565	25	34	624	1,803
2018	4	1,034	252	105	1,395	559	36	30	625	2,019
2019	1	715	244	106	1,066	472	34	41	547	1,613

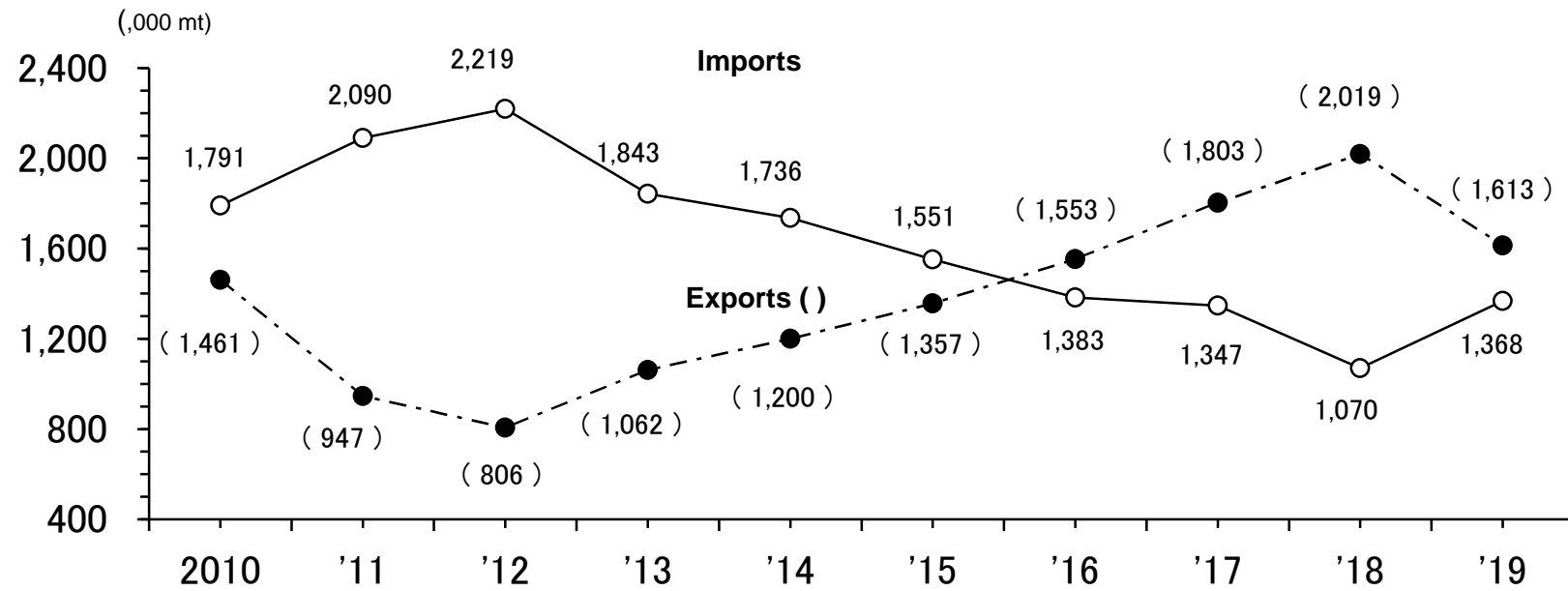
Import

(,000 mt)

	Newspaper	Printing&Writing	Wrapping paper	Other paper	Paper Total	Container board	Box board	Other paperboard	Paperboard Total	Paper & Paperboard Total
2010	138	1,220	14	24	1,396	134	219	42	395	1,791
2011	120	1,579	12	26	1,737	108	216	28	353	2,090
2012	54	1,736	14	27	1,830	127	232	30	388	2,219
2013	53	1,378	10	31	1,472	94	251	27	371	1,843
2014	53	1,295	9	31	1,388	83	239	26	348	1,736
2015	49	1,139	8	30	1,226	56	241	28	325	1,551
2016	24	997	7	32	1,060	42	255	26	323	1,383
2017	11	976	8	38	1,033	41	246	27	314	1,347
2018	5	707	7	39	757	48	234	32	313	1,070
2019	2	1,006	7	42	1,057	45	239	28	311	1,368

Data source: Trade Statistics of Japan (Ministry of Finance)

History of paper & paperboard exports and imports



Data source: Trade Statistics of Japan (Ministry of Finance)

Receipts and consumption of recovered paper

(,000 mt)

Year.	Total		Hard white shavings, white card		White woody shavings, white manila		Fine paper printed (incl. coated paper)		Kraft browns	
	Receipts	Consumption	Receipts	Consumption	Receipts	Consumption	Receipts	Consumption	Receipts	Consumption
2010	17,235	17,292	70	73	54	55	1,981	1,974	64	63
2011	17,012	16,949	72	70	57	55	1,984	1,978	59	60
2012	16,721	16,770	64	64	55	54	1,963	1,970	50	52
2013	16,875	16,934	64	66	51	52	1,893	1,914	47	47
2014	17,040	17,091	66	66	53	53	1,906	1,902	48	47
2015	17,040	16,984	66	64	51	51	1,848	1,852	48	47
2016	16,977	17,031	65	65	51	52	1,826	1,818	46	47
2017	17,220	17,114	67	67	51	52	1,766	1,774	47	48
2018	16,828	16,957	71	70	38	40	1,772	1,772	42	42
2019	16,585	16,521	67	69	35	34	1,735	1,722	36	36

Year.	Quires woody paper printed		Old newspaper		Old magazines		Old corrugated containers		Box board cuttings	
	Receipts	Consumption	Receipts	Consumption	Receipts	Consumption	Receipts	Consumption	Receipts	Consumption
2010	149	151	4,387	4,386	2,292	2,298	7,854	7,903	385	390
2011	143	139	3,977	3,973	2,239	2,234	8,096	8,052	386	386
2012	128	129	4,064	4,086	2,169	2,170	7,848	7,867	380	378
2013	121	126	4,108	4,132	2,124	2,135	8,085	8,083	381	379
2014	124	123	4,075	4,071	1,980	1,994	8,407	8,449	381	388
2015	111	110	3,954	3,942	1,933	1,930	8,655	8,617	375	370
2016	98	100	3,772	3,802	1,934	1,940	8,812	8,830	374	378
2017	91	91	3,659	3,619	2,045	2,034	9,128	9,067	366	362
2018	88	90	3,205	3,263	2,227	2,230	8,989	9,050	397	399
2019	82	78	2,973	2,979	2,335	2,332	8,923	8,871	399	400

Data source: Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)

Consumption of recovered paper for papermaking

(,000 mt)

Year,	Total			Hard white shavings, white card			White woody shavings, white manila			Fine paper printed (incl. coated paper)			Kraft paper		
	For paper	For paperboard	Total	For paper	For paperboard	Total	For paper	For paperboard	Total	For paper	For paperboard	Total	For paper	For paperboard	Total
2010	6,412	10,880	17,292	16	57	73	4	51	55	1,662	311	1,974	10	53	63
2011	5,916	11,033	16,949	15	55	70	4	51	55	1,667	311	1,978	10	50	60
2012	6,037	10,733	16,770	13	50	64	3	51	54	1,668	302	1,970	8	44	52
2013	6,039	10,895	16,934	13	53	66	2	50	52	1,617	297	1,914	8	39	47
2014	5,930	11,161	17,091	14	52	66	2	51	53	1,611	291	1,902	8	39	47
2015	5,748	11,236	16,984	13	51	64	2	49	51	1,571	280	1,852	8	39	47
2016	5,531	11,501	17,031	12	53	65	2	50	52	1,532	286	1,818	8	39	47
2017	5,296	11,818	17,114	14	53	67	2	50	52	1,490	284	1,774	8	40	48
2018	5,042	11,914	16,957	20	50	70	1	39	40	1,500	272	1,772	8	34	42
2019	4,764	11,757	16,521	20	49	69	1	33	34	1,461	262	1,722	8	28	36

Year,	Quires woody paper printed			Old newspaper			Old magazines			Old corrugated containers			Box board cuttings		
	For paper	For paperboard	Total	For paper	For paperboard	Total	For paper	For paperboard	Total	For paper	For paperboard	Total	For paper	For paperboard	Total
2010	134	17	151	4,158	228	4,386	425	1,873	2,298	3	7,900	7,903		390	390
2011	124	15	139	3,723	249	3,973	367	1,868	2,234	3	8,049	8,052	2	384	386
2012	115	14	129	3,819	266	4,086	403	1,768	2,170	3	7,864	7,867	3	375	378
2013	113	13	126	3,872	260	4,132	407	1,728	2,135	3	8,079	8,083	4	375	379
2014	109	14	123	3,812	259	4,071	369	1,625	1,994	2	8,447	8,449	4	384	388
2015	96	14	110	3,701	241	3,942	349	1,581	1,930	1	8,616	8,617	6	364	370
2016	85	15	100	3,550	252	3,802	333	1,606	1,940	2	8,828	8,830	5	373	378
2017	76	14	91	3,382	238	3,619	317	1,716	2,034	2	9,065	9,067	5	357	362
2018	77	13	90	3,033	230	3,263	397	1,834	2,230	2	9,048	9,050	4	395	399
2019	66	13	78	2,767	213	2,979	436	1,896	2,332	2	8,869	8,871	5	395	400

Data source: Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)

Consumption of fiber stocks for paper and paperboard / Utilization of recovered paper

(,000 mt, %)

Year	For Stocks	Total		Paper		Paperboard		Proportion	
		Total	Proportion	Total	Proportion	Total	Proportion	Total	Proportion
2010	Recovered paper	17,412	62.5	6,519	100.0	40.5	10,893	100.0	92.8
	Wood pulp	10,407	37.4	9,569	91.9	59.4	838	8.1	7.1
	Other stocks	31	0.1	23	73.0	0.1	8	27.0	0.1
	Total	27,850	100.0	16,111	57.8	100.0	11,740	42.2	100.0
2011	Recovered paper	17,067	63.0	6,022	100.0	39.6	11,045	100.0	92.8
	Wood pulp	10,008	36.9	9,163	91.6	60.3	845	8.4	7.1
	Other stocks	31	0.1	21	68.2	0.1	10	31.8	0.1
	Total	27,106	100.0	15,206	56.1	100.0	11,900	43.9	100.0
2012	Recovered paper	16,876	63.7	6,134	100.0	41.1	10,742	100.0	92.9
	Wood pulp	9,592	36.2	8,785	91.6	58.8	807	8.4	7.0
	Other stocks	33	0.1	23	70.3	0.2	10	29.7	0.1
	Total	26,501	100.0	14,943	56.4	100.0	11,559	43.6	100.0
2013	Recovered paper	17,038	63.9	6,136	100.0	41.0	10,902	100.0	93.3
	Wood pulp	9,593	36.0	8,818	91.9	58.9	775	8.1	6.6
	Other stocks	31	0.1	22	71.0	0.1	9	29.0	0.1
	Total	26,661	100.0	14,975	56.2	100.0	11,686	43.8	100.0
2014	Recovered paper	17,192	63.9	6,025	100.0	40.3	11,167	100.0	93.2
	Wood pulp	9,695	36.0	8,891	91.7	59.5	804	8.3	6.7
	Other stocks	32	0.1	23	72.0	0.2	9	28.0	0.1
	Total	26,918	100.0	14,939	55.5	100.0	11,979	44.5	100.0
2015	Recovered paper	17,092	64.3	5,850	100.0	40.2	11,242	100.0	93.5
	Wood pulp	9,466	35.6	8,695	91.9	59.7	771	8.1	6.4
	Other stocks	31	0.1	23	72.9	0.2	8	27.1	0.1
	Total	26,589	100.0	14,567	54.8	100.0	12,022	45.2	100.0
2016	Recovered paper	17,160	64.2	5,653	100.0	39.2	11,506	100.0	93.8
	Wood pulp	9,521	35.6	8,764	92.1	60.7	756	7.9	6.2
	Other stocks	31	0.1	23	73.0	0.2	8	27.0	0.1
	Total	26,712	100.0	14,441	54.1	100.0	12,271	45.9	100.0
2017	Recovered paper	17,226	64.1	5,403	100.0	37.9	11,824	100.0	93.8
	Wood pulp	9,601	35.7	8,828	91.9	61.9	773	8.1	6.1
	Other stocks	31	0.1	23	73.8	0.2	8	26.2	0.1
	Total	26,859	100.0	14,254	53.1	100.0	12,605	46.9	100.0
2018	Recovered paper	17,045	64.3	5,123	100.0	37.3	11,922	100.0	93.4
	Wood pulp	9,434	35.6	8,605	91.2	62.6	828	8.8	6.5
	Other stocks	34	0.1	24	70.1	0.2	10	29.9	0.1
	Total	26,512	100.0	13,752	51.9	100.0	12,760	48.1	100.0
2019	Recovered paper	16,613	64.3	4,847	100.0	36.6	11,766	100.0	93.5
	Wood pulp	9,176	35.5	8,366	91.2	63.2	810	8.8	6.4
	Other stocks	34	0.1	25	72.9	0.2	9	27.1	0.1
	Total	25,823	100.0	13,238	51.3	100.0	12,585	48.7	100.0

Data source : Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)

Utilization rate of recovered paper

(,000 mt)

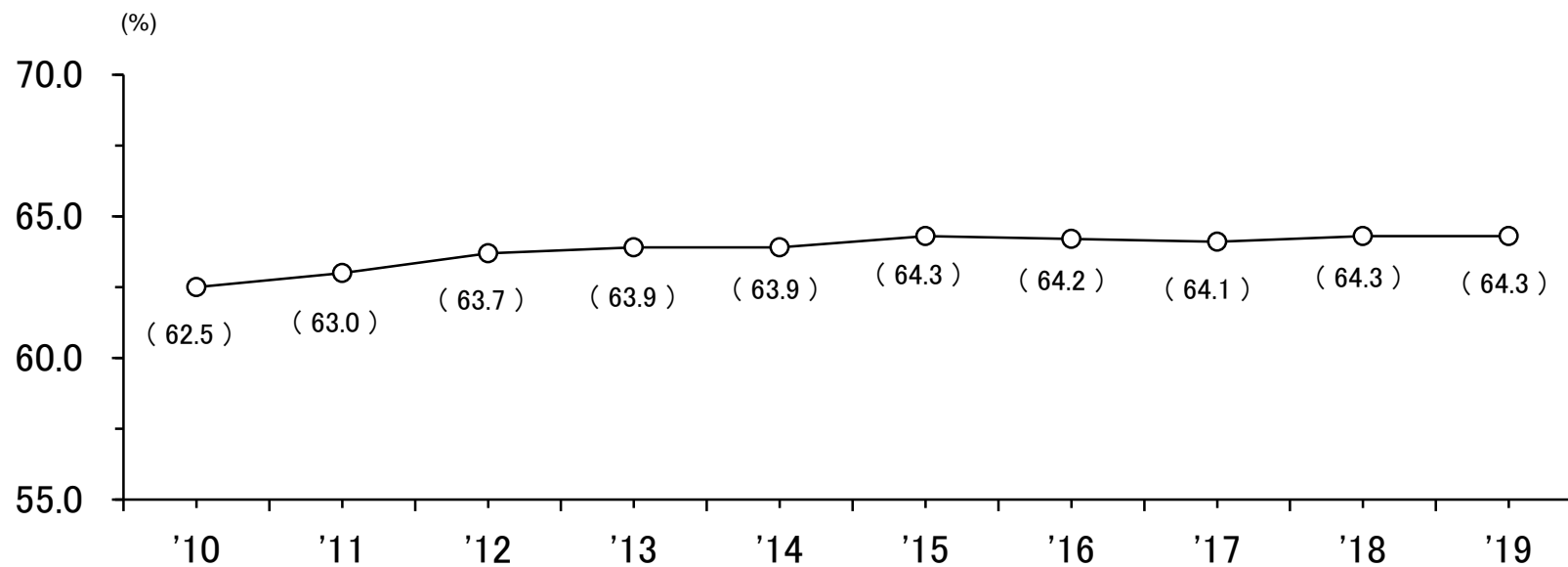
	Wood pulp consumption A	Recovered Paper consumption B	Other stocks C	Total A+B+C=D	Utilization rate B / D (%)
2000	13,541	18,055	53	31,648	57.0
2005	12,281	18,743	33	31,057	60.3
2010	10,407	17,412	31	27,850	62.5
2011	10,008	17,067	31	27,106	63.0
2012	9,592	16,876	33	26,501	63.7
2013	9,593	17,038	31	26,661	63.9
2014	9,695	17,192	32	26,918	63.9
2015	9,466	17,092	31	26,589	64.3
2016	9,521	17,160	31	26,712	64.2
2017	9,601	17,226	31	26,859	64.1
2018	9,434	17,045	34	26,512	64.3
2019	9,176	16,613	34	25,823	64.3

Data source : Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)

Utilization rate is calculated as the following formula.

$$\text{Utilization rate (\%)} = \frac{\text{Recovered paper consumption}}{\text{Total fiber consumption (including non-wood fiber)}} \times 100$$

History of utilization rate



Data source : Annual Report of Paper, Pulp, Plastics Products and Rubber Products Statistics (Research and Statistics Department, METI)

Exports of recovered paper by destination and by grade

Export No.1

(,000 mt.)

		Export by destination										
Countries Year	Korea	China	Taiwan	Vietnam	Thailand	Malaysia	Philippines	Indonesia	India	Laos	Other countries	Total
2010	100	3,489	128	140	440	5	34	32	2	0	4	4,374
2011	216	3,368	188	157	402	19	18	59	2	0	4	4,432
2012	185	3,906	249	153	379	13	9	26	1	0	8	4,929
2013	359	3,590	305	188	363	9	4	50	1	0	20	4,890
2014	440	3,034	334	334	370	3	2	93	2	0	7	4,619
2015	346	2,972	216	292	335	10	2	83	3	0	2	4,261
2016	301	2,916	234	262	295	22	1	102	2	0	3	4,138
2017	285	2,440	386	224	270	20	1	102	3	0	3	3,734
2018	275	2,741	193	203	198	28	3	131	4	0	3	3,779
2019	234	1,641	306	585	138	14	6	207	4	5	2	3,141

<By grade>

		Unbleached Kraft paper or paperboard of corrugated paper or paperboard (1)										
Countries Year	Korea	China	Taiwan	Vietnam	Thailand	Malaysia	Philippines	Indonesia	India	Laos	Other countries	Total
2010	16	1,623	103	78	394		1		0		0	2,214
2011	33	1,285	164	68	361	19		6	0		1	1,938
2012	5	1,627	230	86	341	5	0	9	0		5	2,307
2013	13	1,550	269	107	300	8		30	0		12	2,289
2014	18	1,206	319	258	309	3	0	38	1		3	2,155
2015	16	1,144	209	218	288	10		6	2		1	1,895
2016	10	1,089	223	208	244	22		2	1			1,797
2017	36	872	344	161	211	18	0	7	1		0	1,651
2018	7	1,574	138	114	136	15		4	2		1	1,991
2019	44	814	295	490	107	6	1	79	2	5	0	1,842

Export No.2

(.000 mt.)

Grades	Other paper or paperboard made mainly of bleached chemical pulp, not colored in the mass (2)											
Countries Year	Korea	China	Taiwan	Vietnam	Thailand	Malaysia	Philippines	Indonesia	India	Laos	Other countries	Total
2010	5	75	5	11	3		10	0	1		0	109
2011	8	96	10	29	5		5		1		0	155
2012	4	80	3	29	1	0	2		0			120
2013	9	75	3	8	0		1	0	0		2	100
2014	14	68	2	14	2		1	0	1		1	103
2015	15	57	1	13	1		1	1	1		0	89
2016	14	69	2	15	0		0	3	1		2	106
2017	12	50	16	16	1			12	1		0	108
2018	15	63	13	22	4		1	23	1		1	143
2019	18	59	1	30	1	0	0	10	0		0	120

Grades	Old newspaper (3)											
Countries Year	Korea	China	Taiwan	Vietnam	Thailand	Malaysia	Philippines	Indonesia	India	Laos	Other countries	Total
2010	42	341	3	7	20		15	12				441
2011	111	431	1	11	17		11	7			0	590
2012	107	465	0	15	17		5	5			1	615
2013	171	334	2	24	19		2	9			2	561
2014	182	249	0	20	33		1	25			1	510
2015	129	187		21	21		1	27			0	385
2016	88	209	1	4	38		1	24			0	365
2017	51	145	1	5	40		0	24				266
2018	30	501		1	14		1	7			0	553
2019	49	312		6	7		1	11			0	386

Export No.3

(.000 mt.)

Grades	Other paper or paperboard made mainly of bleached mechanical pulp (4)											
Countries Year	Korea	China	Taiwan	Vietnam	Thailand	Malaysia	Philippines	Indonesia	India	Laos	Other countries	Total
2010	11	992	5	17	4	4	5	17	1		1	1,058
2011	45	1,103	5	12	4		1	32	1		1	1,204
2012	51	1,247	13	10	0	8	2	9	0		0	1,341
2013	104	1,016	23	10	9	1	0	7	0		3	1,173
2014	162	855	5	5	4			19	0		1	1,052
2015	123	887	2	4	8	1	0	40	0		1	1,066
2016	122	783	3	4	3	0	0	64			0	979
2017	112	665	16	8	5	2		56	0		1	865
2018	142	418	31	20	25	7	1	80	0			724
2019	74	361	2	17	9	6	1	84			1	555

Grades	Other, including unsorted waste and scrap (5)											
Countries Year	Korea	China	Taiwan	Vietnam	Thailand	Malaysia	Philippines	Indonesia	India	Laos	Other countries	Total
2010	25	457	12	27	20	1	4	2	0		3	552
2011	19	452	8	36	15		0	13	0		1	546
2012	18	487	3	13	20		0	3	0		1	546
2013	63	616	8	39	36		0	3	0		2	767
2014	65	655	7	37	22		0	12	0		1	799
2015	63	696	4	36	18	0	0	8	0		1	827
2016	68	767	5	31	10	0	0	9	0		0	890
2017	73	708	9	35	13	0		4	0		1	843
2018	82	185	11	46	18	6	1	17	1		1	368
2019	49	95	7	43	14	2	3	22	2		1	238

Data source: Trade Statistics of Japan (Ministry of Finance)

Imports of recovered paper by origin and by grade

No.1

(METRIC TON)

Grades Countries Year	Import by origin								Old corrugated containers (1)							
	USA	Canada	China	Taiwan	Netherland	Italy	Other countries	Total	USA	Canada	China	Taiwan	Netherland	Italy	Other countries	Total
2010	43,603	49				5	125	43,870	29,356						50	29,406
2011	41,784	19				10	112	42,190	23,402	120						23,522
2012	27,267	25					201	27,600	14,831							14,831
2013	29,808						172	30,076	12,567							12,567
2014	33,243						717	34,143	13,226							13,226
2015	32,501	411				2	1,325	34,909	10,550						97	10,647
2016	37,959	387		1,722	97	1,383	1,629	43,419	11,195				97		361	11,653
2017	36,933	242	21	1,865	187	5,510	1,304	46,490	9,432				187		718	10,337
2018	34,729	550	137	1,787	1,170	1,750	1,642	42,000	9,667	140			1,170	201	638	11,816
2019	39,380	228		1,901	726	4,281	694	47,297	19,614			521	726	2,748	203	23,812

Grades Countries Year	Unbleached kraft paper and paperboard (2)								Other paper or paperboard made mainly of bleached chemical pulp, not colored in the mass (3)							
	USA	Canada	China	Taiwan	Netherland	Italy	Other countries	Total	USA	Canada	China	Taiwan	Netherland	Italy	Other countries	Total
2010	674							674	12,252	49						12,301
2011	800							800	16,726	19					34	16,779
2012	476							476	11,588	25						11,613
2013	91							91	17,030						21	17,051
2014	227				23			250	19,728		25		47		585	20,385
2015	239	411						650	21,357		354	138			947	22,796
2016	252	387						639	26,383		50	67		23	1,195	27,718
2017	189	90						279	25,845	152	53	311			136	26,497
2018	115							115	24,683	550					285	25,518
2019	126						37	163	19,206	228					172	19,606

No.2

(METRIC TON)

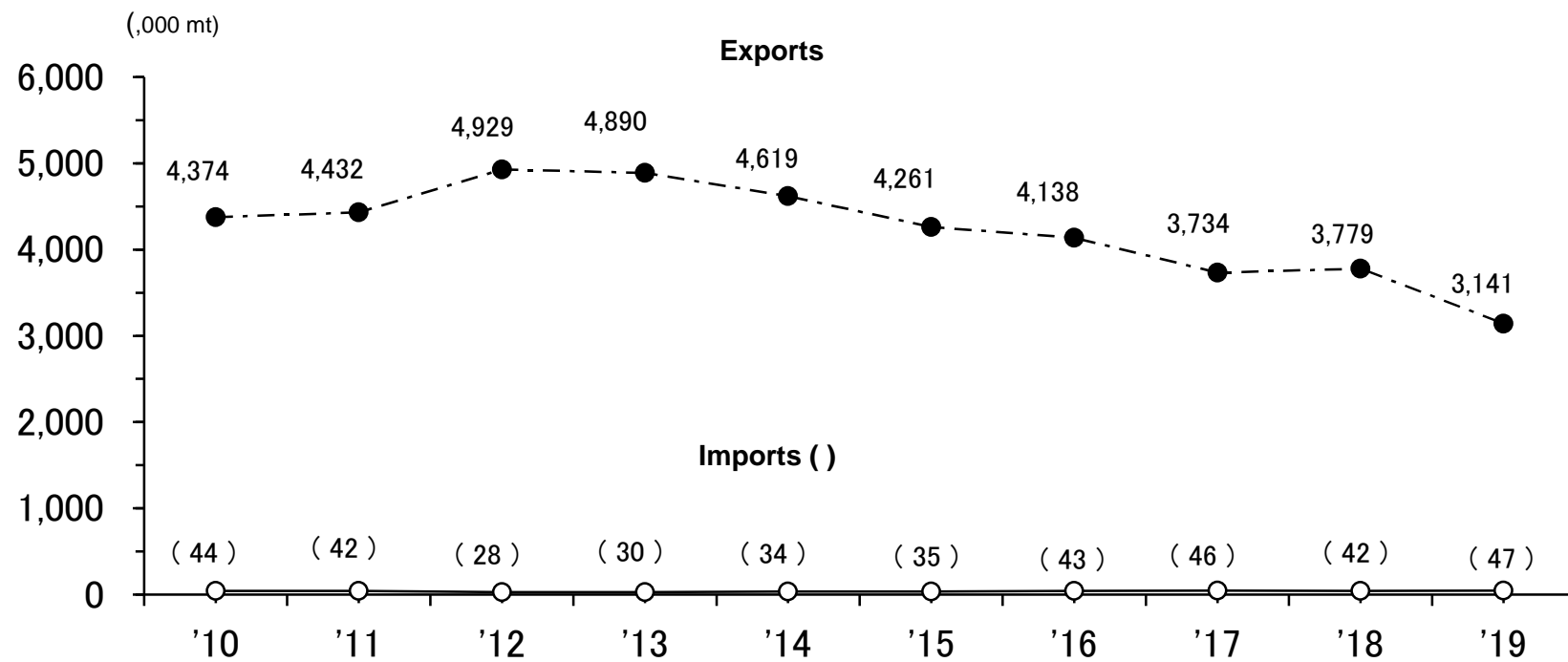
Grades	Old newspaper (4)								Paper or paperboard made mainly of mechanical pulp (5)							
Countries Year	USA	Canada	China	Taiwan	Netherland	Italy	Other countries	Total	USA	Canada	China	Taiwan	Netherland	Italy	Other countries	Total
2010						5		5	133							133
2011	102	73				10	16	201								
2012	23						142	165								
2013	120						93	213								
2014	22						26	48							51	51
2015	113			50		2	209	374								
2016	42					1,383	10	1,435	30							30
2017	801					5,510	403	6,714	41							41
2018	42					1,549	626	2,217	19							19
2019	161					1,533	217	1,911	21							21

Grades	Other, including unsorted waste and scrap (6)							
Countries Year	USA	Canada	China	Taiwan	Netherland	Italy	Other countries	Total
2010	1,188		64		24		75	1,351
2011	754		72				62	888
2012	349		107				59	515
2013			96				58	154
2014	40		88				55	183
2015	242		128				72	442
2016	57		82	1,722	20		63	1,944
2017	625	21	64	1,865			47	2,622
2018	203	137	74	1,787	21		93	2,315
2019	252		87	1,380			65	1,784

Note : Unit of this statistics uses metric ton

Data source: Trade Statistics of Japan (Ministry of Finance)

History of recovered paper exports & imports



Data source: Trade Statistics of Japan (Ministry of Finance)