

DATABOOK FY2018

Year ended March 31, 2018

Achievement Transition (Consolidated)

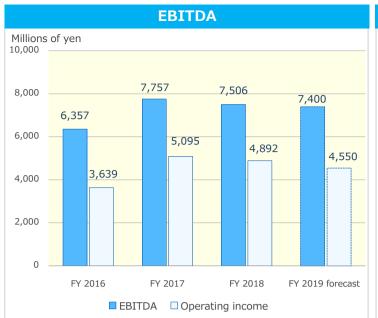
■1Q ■2Q ■3Q □4Q

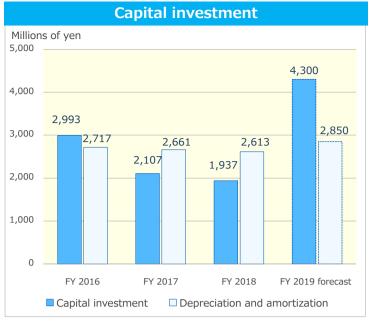


■1Q ■2Q ■3Q □4Q

Consolidated	FY 2015		FY 2016		FY 2017		FY 2018		FY 2019 forecast	
Consolidated	Millions of yen	% Change	Millions of yen	% Change						
Net sales	81,742	10.7	79,119	△ 3.2	77,380	△ 2.2	80,782	4.4	82,000	1.5
Operating income	2,961	24.1	3,639	22.9	5,095	40.0	4,892	△ 4.0	4,550	△ 7.0
Ordinary income	3,431	39.4	3,851	12.2	5,314	38.0	5,218	△ 1.8	4,800	△ 8.0
Profit attributable to owners of parent	2,224	51.3	2,311	3.9	3,416	47.8	3,111	△ 8.9	3,250	4.4

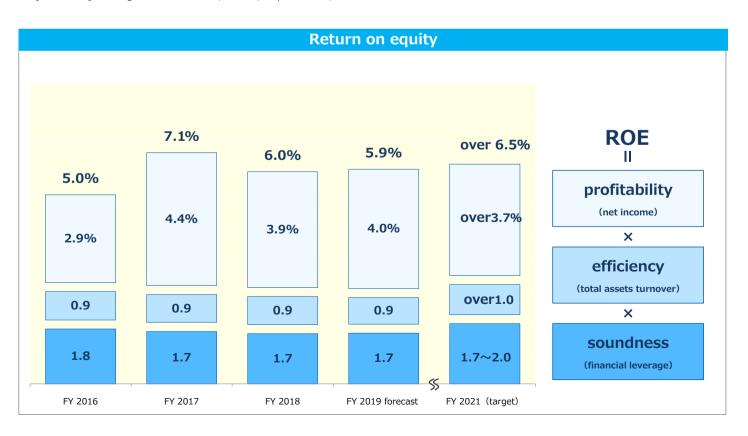
Management index Transition





Consolidated	FY 2015		FY 2016		FY 2017		FY 2	2018	FY 2019 forecast		
Consolidated	Millions of	Increase	Millions of	Increase							
	yen	/Decrease	yen	/Decrease	yen	/Decrease	yen	/Decrease	yen	/Decrease	
Capital investment	1,807	906	2,993	1,185	2,107	△ 885	1,937	△ 170	4,300	2,362	
Depreciation and amortization	2,700	△ 405	2,717	17	2,661	△ 55	2,613	△ 48	2,850	236	
R&D expenses	2,703	44	2,819	116	3,179	359	3,220	41	3,300	79	
Interest-bearing debt	17,275	197	17,426	151	13,300	△ 4,126	11,269	△ 2,031	15,500	4,230	
EBITDA	5,661	267	6,357	695	7,757	1,400	7,506	△ 251	7,400	△ 106	

[EBITDA] Earnings Before Interest , Taxes , Depreciation , and Amortization



Segment Information (Consolidated)



■1Q ■2Q ■3Q ■4Q —full-year

■1Q ■2Q ■3Q □4Q

Segment Information (Consolidated)

Consoli	datod	FY 2	016	FY 2	017	FY 2	018	FY 2019	forecast
Conson	uateu	Miliions of yen	% Change	Miliions of yen	% Change	Miliions of yen	% Change	Miliions of yen	% Change
_	Net sales	19,841	△ 4.5	18,252	△ 8.0	19,839	8.7	20,300	2.3
Paper Chemicals	Segment income	1,305	17.3	1,278	△ 2.0	934	△ 26.9	600	△ 35.8
Chemicals	Segment income/sales	6.6	5%	7.0)%	4.7	7 %	3.0%	
	Net sales	20,502	△ 3.6	19,391	△ 5.4	19,150	△ 1.2	19,400	1.3
Coating Chemicals	Segment income	866	89.7	1,116	28.9	1,105	△ 1.0	1,170	5.9
Circinicals	Segment income/sales	4.2	2%	5.8	3%	5.8	3%	6.0)%
	Net sales	27,397	△ 4.3	26,775	△ 2.3	28,564 6.7		29,500	3.3
Adhesive Materials	Segment income	1,859	36.8	2,627	41.3	2,427	△ 7.6	2,420	△ 0.3
raceriais	Segment income/sales	6.8	3%	9.8	3%	8.5%		8.2	2%
	Net sales	11,086	2.7	12,679	14.4	12,962	2.2	12,600	△ 2.8
Functional Materials	Segment income	△ 155	_	473	_	670	41.5	810	20.9
Flateriais	Segment income/sales	△1.	4%	3.7	7%	5.2	2%	6.4	1%
	Net sales	291	6.9	282	△ 3.1	265	△ 5.8	200	△ 24.7
Others	Segment income	13	11.0	16	19.3	24	55.3	20	△ 19.5
	Segment income/sales	4.6	5%	5.7	7%	9.4	١%	10.	0%
	Net sales	79,119	△ 3.2	77,380	△ 2.2	80,782	4.4	82,000	1.5
Subtotal	Segment income	3,889	34.3	34.3 5,512 41.7 5,162		△ 6.4	5,020	△ 2.8	
	Segment income/sales	4.9	9%	7.1	.%	6.4	ŀ%	6.1	L%
	Development Investment	△ 302	_	△ 385	_	△ 374	_	△ 420	_
Consolidated total	Segment income	3,586	39.2	5,126	42.9	4,787	△ 6.6	4,600	△ 3.9
	Segment income/sales	4.5	5%	6.6	5%	5.9)%	5.6	5%

^{*}Applied research and development expense that will be the source of growth in the medium to long term.

The sales of business segmentation do not include intersegment sales.

[Paper Chemicals] Size agent, Paper strengthening agent, Latex, etc.

[Coating Chemicals] Printing ink resin, Paint resin, Polymerization emulsifier, UV/EB curable resin, etc.

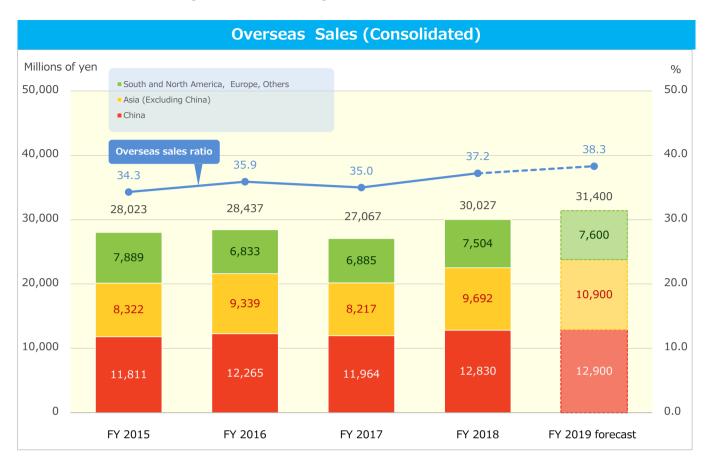
[Adhesive Materials] Adhesive resin, Colorless rosin derivatives, etc.

[Functional Materials] Compound materials for electronics, Functional fine chemical materials, Polishing agent for hard disk substrates, Flux cleanig System, (

[Others] Insurance business, Real estate agent, etc.

* Some products of Functionall Materilas will be reclassified into Adhesive Materials from 2018.(Net sales of approximately 1,400 million yen.)

Overseas Sales (Consolidated)



Consolidated FY 2015		015	FY 2	2016	FY 2017		FY 2	2018	FY 2019 forecast		
Consolidated	Millions of yen	% Change	Millions of yen	% Change							
Overseas sales	28,023	28.2	28,437	1.5	27,067	△ 4.8	30,027	10.9	31,400	4.6	
Overseas sales in Asia	20,133	29.4	21,604	7.3	20,182	△ 6.6	22,522	11.6	23,800	5.7	
Overseas sales in China	11,811	43.4	12,265	3.8	11,964	△ 2.4	12,830	7.2	12,900	0.5	
Overseas sales ratio	34.	3%	35.	9%	35.0%		37.	2%	38.	3%	



Management Index(Consolidated)

	FY2014 ('13/4-'14/3)	FY2015 ('14/4-'15/3)	FY2016 ('15/4-'16/3)	FY2017 ('16/4-'17/3)	FY2018 ('17/4-'18/3)	FY2019 ('18/4-'19/3)
Capital investment (Completion basis) (Millions of yen)	1,997	1,807	2,993	2,107	1,937	4,300
Capital investment (Cash flows basis) (Millions of yen)	1,913	1,781	2,992	1,857	2,215	9,100
Depreciation and amortization (Millions of yen)	2,953	2,700	2,717	2,661	2,613	2,850
R & D expenses (Millions of yen)	2,790	2,703	2,819	3,179	3,220	3,300
Interest-bearing debt (Millions of yen)	18,605	17,275	17,426	13,300	11,269	15,500
Debt equity ratio (Times)	0.44	0.37	0.38	0.27	0.21	0.28
Total assets (Millions of yen)	82,342	85,245	83,380	83,898	89,562	96,000
Shareholders' equity (Millions of yen)	42,408	46,252	46,129	49,915	54,123	56,000
Shareholders' equity to total assets(%)	51.5	54.3	55.3	59.5	60.4	58.3
Return on equity (%)	3.7	5.0	5.0	7.1	6.0	5.9
Net profit to sales(%)	2.0	2.7	2.9	4.4	3.9	4.0
Total asset turnover	0.9	1.0	0.9	0.9	0.9	0.9
Financial Leverage	1.9	1.8	1.8	1.7	1.7	1.7
Operating income to net sales (%)	3.1	3.5	4.6	6.6	6.1	5.5
Ordinary income to net sales (%)	3.6	4.0	4.9	6.9	6.5	5.9
Earnings per share (Yen)	73.86	109.94	113.10	166.18	150.76	157.47
Book-value per share (Yen)	2,105.85	2,279.68	2,247.53	2,418.47	2,622.38	2,810.19
Price to earnings ratio (Times)	12.4	11.5	8.6	12.3	12.5	_
Annual dividends per share (Yen)	25.00	28.00	30.00	38.00	38.00	40.00
Payout ratio (%)	33.8	25.5	26.5	22.9	25.2	25.4
Number of employees	1,330	1,349	1,422	1,442	1,477	1,510

Balance Sheets (Consolidated)

				(Unit :	Millions of yen)
	FY2014	FY2015	FY2016	FY2017	FY2018
Assets	('13/4-'14/3)	('14/4-'15/3)	('15/4-'16/3)	('16/4-'17/3)	('17/4-'18/3)
♦ Current assets	54,406	56,018	54,541	53,804	56,875
Cash and deposits	6,668	8,228	9,620	10,212	8,471
Notes and accounts receivable-trade	28,167	29,142	26,529	25,939	28,342
Electronically recorded monetary claims - operating		507	935	1,161	1,829
Securities	_		232	_	_
Inventories	17,478	16,987	16,166	15,019	16,217
Deferred tax assets	579	549	532	668	717
Other	1,670	745	655	956	1,420
Allowance for doubtful accounts	△ 157	△ 142	Δ 131	△ 153	△ 123
♦ Noncurrent assets	27,936	29,227	28,839	30,094	32,686
Property, plant and equipment	21,072	20,827	21,553	20,199	20,691
Buildings and structures	7,933	7,793	8,105	7,766	7,708
Machinery, equipment and vehicles	7,828	7,352	7,032	6,614	6,181
Land	4,724	4,797	5,204	5,190	5,195
Construction in progress	266	553	739	163	1,139
Other	318	331	471	465	466
Intangible assets	674	571	983	1,481	1,204
Investments and other assets	6,189	7,828	6,301	8,413	10,790
Investment securities	5,480	7,125	5,549	7,430	8,806
Net defined benefit asset	_	_	_	386	1,538
Deferred tax assets	193	187	204	159	116
Other	523	530	635	521	401
Allowance for doubtful accounts	Δ8	△ 14	△ 87	△ 85	△ 72
Total assets	82,342	85,245	83,380	83,898	89,562
 Liabilities	· · · · · · · · · · · · · · · · · · ·	·	<u> </u>	·	·
♦ Current liabilities	29,047	26,926	30,996	24,459	25,651
Notes and accounts payable-trade	12,867	11,807	10,286	9,967	12,043
Short-term loans payable	11,525	9,592	9,993	7,957	6,269
Current portion of bonds	_	_	5,000	_	_
Income taxes payable	272	451	650	880	642
Accrued consumption taxes	36	243	219	179	135
Provision for bonuses	989	1,035	1,086	1,276	1,272
Notes payable-facilities Other	3,143	3,661	3,706	4,134	214 5,073
♦ Noncurrent liabilities Bonds payable	9,660 5,000	10,474 5,000	4,639	7,881 5,000	8,214 5,000
Long-term loans payable	2,079	2,683	2,433	343	5,000
Deferred tax liabilities	968	1,393	895	1,695	2,266
Provision for retirement benefits/Net defined benefit liabilit	y 1,015	813	764	335	328
Other	597	583	546	507	618
Total liabilities	38,708	37,400	35,636	32,340	33,865
Net assets					
Shareholders' equity	39,066	40,893	42,819	45,697	47,962
Capital stock	3,128	3,192	3,293	3,343	3,343
Capital surplus	3,350	3,414	3,514	3,564	3,564
Retained earnings	32,599	34,298	36,022	38,802	41,068
Treasury stock	Δ 11	Δ 11	△ 12	Δ 12	△ 13
♦ Accumulated other comprehensive income	3,342	5,358	3,310	4,218	6,161
Valuation difference on	1,370	2,572	1,619	2,904	3,880
available-for-sale securities	1,714	2,620		1,026	1,434
Foreign currency translation adjustment Remeasurements of defined benefit plans	256	165	1,746 △ 56	286	1,434
				200	047
Subscription rights to shares	27	23	16		
Minority interests	1,199	1,570	1,598	1,641	1,572
Total net assets	43,634	47,845	47,744	51,557	55,696

Statements of Income (Consolidated)

	FY2014 ('13/4-'14/3)	FY2015 ('14/4-'15/3)	FY2016 ('15/4-'16/3)	FY2017 ('16/4-'17/3)	FY2018 ('17/4-'18/3)
♦ Net sales	75,025	81,742	79,119	77,380	80,782
♦ Cost of sales	61,028	66,777	62,757	59,111	62,478
Gross profit	13,997	14,965	16,361	18,269	18,303
Selling, general and administrative expenses	11,662	12,004	12,722	13,173	13,410
Operating income	2,335	2,961	3,639	5,095	4,892
♦ Non-operating income	747	849	674	527	568
Interest income	11	33	30	25	13
Dividends income	119	126	156	157	184
Real estate rent	116	119	121	58	113
Foreign exchange gains	291	246	28	3	23
Other	208	324	338	282	233
♦ Non-operating expenses	386	379	463	308	242
Interest expenses	262	261	239	177	164
Equity in losses of affiliates	20	49	26	_	_
Bond issuance cost	28	_	_	31	_
Commission fee	_	_	89	_	_
Other	74	69	106	98	78
Ordinary income	2,697	3,431	3,851	5,314	5,218
♦ Extraordinary income	91	511	188	36	452
Gain on sales of noncurrent assets	75	21	45	5	0
Gain on sales of investment securities	_	_	126	1	151
Reversal of foreign currency transaction adjustment	_	_	_	_	285
Gain on reversal of share acquisition rights	_	_	_	13	
Other	15	490	15	15	15
♦ Extraordinary loss	113	58	177	174	949
Loss on sales and retirement of noncurrent assets	113	54	25	80	99
Loss on explosion and fire accident	_	_	_	_	554
Loss on valuation of noncurrent assets	_	4	_	2	_
Loss on sales of investment securities	_	_	_	0	_
Loss on valuation of investment securities	_	_	_	_	44
Loss on valuation of investments in capital of subsidiaries and associates	_	_	_	91	_
Loss on liquidation of subsidiaries and associates	_	_	_	_	251
Other	_		152	_	
Income before income taxes	2,674	3,884	3,862	5,176	4,721
Income taxes-current	678	1,164	1,166	1,469	1,258
Income taxes-deferred	348	139	133	△ 17	△ 123
Profit attributable to non-controlling interests	160	356	251	307	475
Profit attributable to owners of parent	1,487	2,224	2,311	3,416	3,111

Statements of Cash Flows (Consolidated)

	FY2014	FY2015	FY2016	(Unit FY2017	: Millions of yen) FY2018
	('13/4-'14/3)	('14/4-'15/3)	('15/4-'16/3)	('16/4-'17/3)	('17/4-'18/3)
I . Net cash provided by (used in) operating					
Income before income taxes	2,674	3,884	3,862	5,176	4,721
Depreciation and amortization	2,953	2,700	2,717	2,661	2,613
Amortization of goodwill	58	61	155	210	282
Increase (decrease) in allowance for doubtful accounts	17	△ 15	67	30	△ 47
Increase (decrease) in provision for bonuses	112	41	48	192	Δ 6
Increase (decrease) in provision for directors' bonuses	2	6	11	23	
Increase (decrease) in provision for retirement benefits	△ 780	△ 205	△ 53	△ 427	Δ 9
Decrease (increase) in net defined benefit asset	_	_	_	△ 386	△ 1,151
Loss (gain) on valuation of investment securities	_		_		44
Loss (gain) on sales of investment securities		_	△ 126	Δ1	△ 151
Gain on reversal of share acquisition rights	_		_	Δ 13	
Reversal of foreign currency transaction adjustment	_	_	_	_	△ 285
Loss on explosion and fire accident	_	_	_	_	554
Loss on liquidation of subsidiaries and associates	_	_	_	_	251
Loss (gain) on sales and retirement of non-current assets	38	33	△ 20	74	98
Loss on valuation of investments in capital of subsidiaries and associates	_	_	_	91	_
Interest and dividends income	△ 131	△ 160	△ 186	△ 182	△ 198
Interest expenses	262	261	239	209	164
Share of (profit) loss of entities accounted for using equity method	20	49	26	_	
Decrease (increase) in notes and accounts receivable-trade	405	△ 767	1,853	Δ 166	△ 2,705
Decrease (increase) in inventories	Δ 1,331	839	575	944	Δ 912
Increase (decrease) in notes and accounts payable-trade	△ 379	△ 1,305	△ 1,622	Δ 139	1.897
Increase (decrease) in accrued consumption taxes	△ 294	206		∆ 30	
Other, net	△ 1,738	1.682	△ 515	872	203
Sub-total	3,453	6,177	7,008	9,140	5,310
Interest and dividends income received	133	165	188	183	194
Interest expenses paid	△ 235	△ 286	△ 247	△ 212	△ 145
Income taxes (paid) refund	△ 679	△ 961	Δ 1,008	△ 1,267	Δ 1,551
Net cash provided by (used in) operating activities	2,671	5,094	5,941	7,843	3,808
II . Net cash provided by (used in) investment activities					
Purchase of noncurrent assets	△ 1,913	△ 1,781	△ 2,992	△ 1,857	△ 2,215
Purchase of investment securities	△ 24	△ 25	△ 27	△ 35	△ 32
Proceeds from sales of investment securities	_	_	244	8	179
Purchase of shares of subsidiaries resulting in change in scope of consolidation	_	_	△ 1,498	_	_
Purchase of shares of subsidiaries and associates	△ 139	_	_	_	_
Payments for transfer of business	_	_	_	△ 911	_
Other, net	151	Δ2	110	98	20
Net cash provided by (used in) investment activities	Δ 1,926	△ 1,810	△ 4,163	△ 2,698	△ 2,048
Ⅲ. Net cash provided by (used in) financing activities					
Net increase (decrease) in short-term loans payable	Δ 1,121	△ 2,145	569	Δ 1,715	△ 549
Proceeds from long-term loans payable	2,000	2,660	2,200	_	_
Repayment of long-term loans payable	△ 1,500	△ 1,995	△ 2,264	△ 2,001	△ 1,688
Proceeds from issuance of bonds	4,971			5,000	
Redemption of bonds	Δ 5,000	_	_	△ 5,000	_
Proceeds from share issuance to non-controlling shareholders		_	_		19
Cash dividends paid	△ 473	△ 525	△ 611	△ 636	△ 846
Dividends paid to non-controlling interests	△ 441	△ 136	△ 159	△ 194	△ 521
Other, net	26	124	190	94	Δ0
Net cash provided by (used in) financing activities	△ 1,538	△ 2,017		△ 4,452	△ 3,586
IV. Effect of exchange rate change on cash and cash equivalents	468	293	△ 217	△ 4,432 △ 196	111
V. Net increase (decrease) in cash and cash equivalents	△ 325	1,560	1,485	496	△ 1,714
VI. Cash and cash equivalents, beginning of term	6,901	6,576	8,136	9,622	10,118
VII. Cash and cash equivalents, end of term	6,576	8,136	9,622	10,118	8,404

Balance Sheets (Consolidated)

	FY2017			FY2018			crease
Item	(As of March 31,	2017)	(As	of March 31,	2018)	/ De	ecrease
	Amount	Com- position ratio		Amount	Com- position ratio		
(Assets)		%			%		
I Current assets							
1.Cash and deposits	10, 212			8, 471		Δ	1, 740
2.Notes and accounts receivable - trade	25, 939			28, 342			2, 402
3.Electronically recorded monetary claims - operating	1, 161			1, 829			668
4.Merchandise and finished goods	7, 661			8, 051			389
5.Work in process	998			893		Δ	105
6.Raw materials and supplies	6, 359			7, 272			913
7.Deferred tax assets	668			717			48
8. Other	956			1, 420			464
9.Allowance for doubtful accounts	△ 153			△ 123			30
Total current assets	53, 804	64. 1		56, 875	63. 5		3, 071
II Noncurrent assets							
1.Property, plant and equipment							
(1) Buildings and structures	7, 766			7, 708		Δ	57
(2) Machinery, equipment and vehicles	6, 614			6, 181		Δ	433
(3) Land	5, 190			5, 195			5
(4) Construction in progress	163			1, 139			975
(5) Other	465			466			1
Total property, plant and equipment	20, 199	24. 1		20, 691	23. 1		491
2. Intangible assets							
(1) Goodwill	1, 107			824		Δ	282
(2) Other	374			379			5
Total intangible assets	1, 481	1.8		1, 204	1. 3	Δ	276
3. Investments and other assets							
(1) Investment securities	7, 430			8, 806			1, 376
(2) Net defined benefit asset	386			1, 538			1, 151
(3) Deferred tax assets	159			116		Δ	42
(4) Other	521			401		Δ	120
Allowance for doubtful accounts	△ 85			△ 72			13
Total investments and other assets	8, 413	10.0		10, 790	12. 1		2, 377
Total noncurrent assets	30, 094	35. 9		32, 686	36. 5		2, 592
Total assets	83, 898	100. 0		89, 562	100. 0		5, 664

		FY2017			FY2018			rease
Item	(As o	of March 31,	2017)	(As	of March 31,	2018)	/De	crease
Item	,	Amount	Com- position ratio		Amount	Com- position ratio		
(Liabilities)			%			%		
I Current liabilities								
1. Notes and accounts payable - trade		9, 967			12, 043			2, 075
2. Short-term loans payable		7, 957			6, 269		Δ	1, 688
3. Income taxes payable		880			642		Δ	237
4. Accrued consumption taxes		179			135		Δ	44
5. Deferred tax liabilities		45			0		Δ	45
6. Provision for bonuses		1, 276			1, 272		Δ	3
							Δ	J
7. Provision for directors' bonuses		80			80		۸	_
8. Provision for repairs		80			-		Δ	80
9. Notes payable - facilities		63			214			150
10. Other		3, 929			4, 993			1, 064
Total current liabilities		24, 459	29. 1		25, 651	28. 6		1, 192
I Noncurrent liabilities								
1. Bonds payable		5, 000			5, 000			_
2. Long-term loans payable		343			_		Δ	343
3. Deferred tax liabilities		1, 695			2, 266			571
4. Provision for repairs		_			45			45
5. Net defined benefit liability		335			328		Δ	7
6. Asset retirement obligations		212			297		_	85
7. Other		295			276		Δ	18
Total noncurrent liabilities		7, 881	9. 4		8, 214	9. 2	Δ	332
Total liabilities		32, 340	38. 5		33, 865	37. 8		1, 525
(Net assets)								
I Shareholders' equity								
1. Capital stock		3, 343			3, 343			_
2. Capital surplus		3, 564			3, 564			- 0.05
 Retained earnings Treasury shares 		38, 802			41, 068		Δ	2, 265
Total shareholders' equity		△ 12 45, 697	54. 5		△ 13 47, 962	53. 6	Δ	2, 264
I Accumulated other comprehensive income		TU, UJ/	U4. U		77, 302	00. 0		2, 204
Naturation difference on available-for-sale securities		2, 904			3, 880			975
Foreign currency translation adjustment		1, 026			1, 434			407
3. Remeasurements of defined benefit plans		286			847			560
Total accumulated other comprehensive income		4, 218	5. 0		6, 161	6. 9		1, 943
Ⅲ Minority interests		1, 641	2. 0		1, 572	1. 7	Δ	68
Total net assets		51, 557	61. 5		55, 696	62. 2		4, 139
Total liabilities and net assets		83, 898	100. 0		89, 562	100. 0		5, 664
	I T							

Statements of Income (Consolidated)

(Unit: Millions of yen)

		2017	FY20			ease rease
Item	'16/4 Amount	I-'17/3 Ratio	'17/4-' Amount	18/3 Ratio	Amount	Rate of change
		%		%		W W
I Net sales	77, 380	100. 0	80, 782	100.0	3, 401	4. 4
II Cost of sales	59, 111	76. 4	62, 478	77. 3	3, 367	5. 7
Gross profit	18, 269	23. 6	18, 303	22.7	34	0. 2
Ⅲ Selling, general and administrative expenses	13, 173	17. 0	13, 410	16. 6	237	1.8
Operating income	5, 095	6. 6	4, 892	6. 1	△ 202	Δ 4.0
IV Non-operating income Interest income Dividend income Real estate rent Foreign exchange gains Other Total non-operating income	25 157 58 3 282 527	0. 7	13 184 113 23 233 568	0.7	Δ 12 27 55 19 Δ 49 40	7.7
V Non-operating expenses Interest expenses Bond issuance cost Other Total non-operating expenses Ordinary income	177 31 98 308 5, 314	0. 4 6. 9	164 - 78 242 5, 218	0. 3 6. 5		Δ 21.1 Δ 1.8
VI Extraordinary income Gain on sales of non-current assets Gain on sales of investment securities Reversal of foreign currency transaction adjustment State subsidy Gain on reversal of share acquisition rights Total extraordinary income	5 1 - 15 13 36	0. 0	0 151 285 15 - 452	0.6	△ 5 150 285 - △ 13 416	-
VII Extraordinary loss Loss on sales and retirement of non-current assets Loss on explosion and fire accident Loss on valuation of non-current assets Loss on sales of investment securities Loss on valuation of investment securities Loss on valuation of investments in capital of subsidiaries and associates Loss on liquidation of subsidiaries and associates Total extraordinary loss Income before income taxes Income taxes-current Income taxes-deferred Income before minority interests	80 - 2 0 - 91 - 174 5, 176 1, 469 △ 17 3, 724	0. 2 6. 7 1. 9 0. 0 4. 8	99 554 - - 44 - 251 949 4, 721 1, 258 △ 123 3, 587	1.3 5.8 1.6 △ 0.2 4.4	△ 454 △ 211 △ 106 △ 137	443. 3 △ 8. 8 △ 14. 4 – △ 3. 7
Profit attributable to non-controlling interests Profit attributable to owners of parent	307 3, 416	0. 4 4. 4	475 3, 111	0. 5 3. 9	168 △ 305	54. 6 Δ 8. 9

<Reference> Statements of Comprehensive Income (Consolidated)

	·			(Unit:N	lillion	s of yen)
Income before minority interests	3, 724	3, 587	Δ	137	Δ	3. 7
Other comprehensive income						
Valuation difference on available-for-sale securities	1, 285	975	Δ	310		
Foreign currency translation adjustment	△ 780	367		1, 147		
Remeasurements of defined benefit plans, net of tax	341	557		215		
Total other comprehensive income	846	1, 900		1, 053		
Comprehensive income	4, 571	5, 487		915		20.0

Statements of Cash Flows (Consolidated)

Preparation		(Uni				: : Millio	ons of yen)	
Net cash provided by (used in) operating Income before income taxes 5.176 4.721 4.454 4.45				FY2017	F	Y2018		
Net cash provided by (used in) operating Income before income taxes S. 176 4.721 A 454 A 4							Īr	ocrease
Net cash provided by (used in) operating Income before income taxes Depreciation 2,661 2,613 0,484 0,474 0,777 1,167 0,282 7,1 1,167 0,282 0	Item		' 16/ / L-' 17/3		' 17/4–' 18/3			
Net cash provided by (used in) operating	ICGIII							
Income before income taxes				Amount	F	mount		
Income before income taxes	- N							
Depreciation				F 470		4 701		45.4
Amortization of goodwill 210								
Increase (decrease) in allowance for doubtful accounts 30							Δ	
Increase (decrease) in provision for bonuses 192	Amortization of goodwill							
Increase (decrease) in not defined benefit liability	Increase (decrease) in allowance for doubtful	accounts		30	Δ	47	Δ	77
Increase (decrease) in not defined benefit liability	Increase (decrease) in provision for bonuses			192	Δ	6	Δ	198
Decrease (increase) in net defined benefit liability	Increase (decrease) in provision for directors	' bonuses		23		_		23
Decrease (increase) in not defined benefit asset			Δ		Δ	9		
Loss (gain) on sales of investments occurities		•				-	\wedge	
Sain on reversal of share acquisition rights Loss on valuation of non-current assets Loss (gain) on valuation of investment securities −	· · · · · · · · · · · · · · · · · · ·							
Loss on valuation of non-ourrent assets				-	_		_	
Loss (gain) on valuation of investment securities -							٨	_
Reversal of foreign currency transaction adjustment		ioo		2			Δ	
Loss on explosion and fire accident Loss on indudation of subsidiaries and associates Loss (gain) on sales and retirement of non-current assets Loss con valuation of investments in capital of subsidiaries and associates Interest and dividend income Interest and dividend income A 182	· · ·	168		_	٨		۸	
Loss on liquidation of subsidiaries and associates Loss (gain) on sales and retirement of non-current assets Loss (gain) on sales and retirement of non-current assets 1					Δ		Δ	
Loss (gain) on sales and retirement of non-current assets	·			_				
Loss on valuation of investments in capital of subsidiaries and associates 91	·			-				
Subsidiaries and associates	_			/4		98		24
Interest and dividend income Interest expenses Decrease (increase) in notes and accounts receivable - trade Decrease (increase) in inventories A 182	Loss on valuation of investments in capital of			0.1		_	٨	0.1
Interest expenses 209	subsidiaries and associates			91			Δ	91
Interest expenses 209	Interest and dividend income		\wedge	182	\wedge	198	\wedge	15
Decrease (increase) in notes and accounts receivable - trade Decrease (increase) in inventories 944			_		_			1.1
Decrease (increase) in inventories	·	ivable – trade	^		٨			
Increase (decrease) in notes and accounts payable - trade ∆ 339		TVabro crado		111				
Increase (decrease) in accrued consumption taxes	,	blo - trada	^		Δ		Δ	
Other Subtotal 870 203 △ 666 S 300 △ 3,829 11 Interest and dividend income received 183 194 11 Interest expenses paid △ 212 △ 145 67 △ 1,551 △ 283 Net cash provided by (used in) operating activities ✓ 1,267 △ 1,551 △ 283 Net cash provided by (used in) investing activities ✓ 1,861 △ 2,160 △ 35 Decrease (increase) in time deposits ✓ 1,801 △ 2,160 △ 358 Proceeds from sales of property, plant and equipment ✓ 1,801 △ 2,160 △ 358 Proceeds from sales of investment securities ✓ 35 △ 32 2 2 Proceeds from sales of investment securities ✓ 35 △ 32 2 2 Proceeds from sales of investment securities ✓ 35 △ 35 △ 32 2 2 Purchase of intragible assets △ 55 △ 55 △ 55 △ 55 ○ 55 0 Purchase of investment securities △ 34 34 34 34 68 Decrease (increase) in short-term loans rec					۸		۸	
Subtotal Interest and dividend income received Interest expenses paid A 212		es	Δ		Δ			
Interest and dividend income received Interest expenses paid Interest expenses paid A 212								
Interest expenses paid Income taxes (paid) refund Net cash provided by (used in) operating activities $\begin{array}{c ccccccccccccccccccccccccccccccccccc$							Δ	
Income taxes (paid) refund A 1,267								
Net cash provided by (used in) operating activities Decrease (increase) in time deposits Purchase of property, plant and equipment Purchase of investment securities Proceeds from sales of investment securities Payments for transfer of business Payments for transfer of business Pecrease (increase) in short-term loans receivable Pecrease (increase) in other investments Pecrease (increase) in other investments Pecrease (increase) in other investments Pecrease (increase) in short-term loans payable Pecrease (decrease) in short-term loans payable Pecrease (decrease) in short-term loans payable Proceeds from issuance of bonds Proceeds from share issuance to non-controlling shareholders Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Purchase of share acquisiting from exercise of share acquisiting from exercise of share acquisiting from exercise of share acquisition rights Purchase of treasury shares Purchase of treasury sh								
Il Net cash provided by (used in) investing activities Decrease (increase) in time deposits	* '		Δ		Δ			
Decrease (increase) in time deposits	Net cash provided by (used in) operating activit	ies		7, 843		3, 808	Δ	4, 035
Decrease (increase) in time deposits								
Purchase of property, plant and equipment Proceeds from sales of property, plant and equipment Purchase of investment securities Δ 35 Δ 32 Δ 20 Proceeds from sales of investment securities Δ 35 Δ 35 Δ 32 Δ 22 Proceeds from sales of investment securities Δ 35 Δ 35 Δ 32 Δ 22 Proceeds from sales of investment securities Δ 35 Δ 55 Δ 55 0 Payments for transfer of business Δ 911 Δ 20 Payments for transfer of business Δ 911 Δ 20 Payments for transfer of business Δ 911 Δ 25 Δ 55 0 Payments for transfer of business Δ 34 Δ 34 Δ 68 Decrease (increase) in other investments Δ 8 Δ 55 Δ 3 Other Net cash provided by (used in) investing activities Δ 2,698 Δ 2,048 Δ 550 Δ 66 Δ 10 Net cash provided by (used in) financing activities Net increase (decrease) in short-term loans payable Δ 2,001 Δ 1,688 Δ 313 Proceeds from issuance of bonds Δ 2,001 Δ 1,688 Δ 313 Proceeds from issuance of bonds Δ 5,000 Δ 5,000 Δ 5,000 Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Δ 0 Δ 0 0 0 Δ 95 exercise of share acquisition rights Δ 0 Δ 636 Δ 846 Δ 209 Dividends paid Δ 194 Δ 521 Δ 326 Net cash provided by (used in) financing activities Δ 196 Δ 1,714 Δ 2,211 VI Cash and cash equivalents at beginning of period 9,622 10,118 496		ies						
Proceeds from sales of property, plant and equipment Purchase of investment securities Δ 35 Δ 32 Δ 2 Purchase of investment securities Δ 35 Δ 32 Δ 2 Proceeds from sales of investment securities Δ 35 Δ 35 Δ 32 Δ 2 Purchase of intangible assets Δ 55 Δ 68 Payments for transfer of business Δ 911 Δ 34 Δ 68 Decrease (increase) in short-term loans receivable Δ 34 Δ 34 Δ 68 Decrease (increase) in other investments Δ 8 Δ 56 Δ 66 Δ 10 Net cash provided by (used in) investing activities Δ 2,698 Δ 2,048 Δ 650 Δ 8 Δ 2,048 Δ 650 Δ	Decrease (increase) in time deposits						Δ	
Purchase of investment securities ∆ 35 ∆ 32 2 Proceeds from sales of investment securities 8 179 171 Purchase of intangible assets ∆ 55 ∆ 55 0 Payments for transfer of business ∆ 911 − 911 Decrease (increase) in short-term loans receivable ∆ 34 34 68 Decrease (increase) in other investments ∆ 8 5 ∆ 3 Other ∆ 8 5 ∆ 3 4 34 68 Decrease (increase) in other investments ∆ 3 ∆ 8 5 ∆ 3 66 ∆ 10 Net cash provided by (used in) investing activities ∆ 2,698 ∆ 2,048 650 III Net cash provided by (used in) financing activities ∆ 1,715 ∆ 549 1,165 Repayments of long-term loans payable ∆ 2,001 ∆ 1,688 313 Proceeds from issuance of bo	Purchase of property, plant and equipment		Δ	1, 801	Δ	2, 160	Δ	358
Proceeds from sales of investment securities A 55	Proceeds from sales of property, plant and equ	ipment		42			Δ	20
Purchase of intangible assets Payments for transfer of business Decrease (increase) in short-term loans receivable Decrease (increase) in other investments Decrease (increase) in other investments Other Net cash provided by (used in) investing activities Net increase (decrease) in short-term loans payable Repayments of long-term loans payable Proceeds from issuance of bonds Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Cash dividends paid Dividends paid to non-controlling interests Net cash provided by (used in) financing activities PEffect of exchange rate change on cash and cash equivalents V Ret increase (decrease) in cas	Purchase of investment securities		Δ	35	Δ	32		2
Purchase of intangible assets Payments for transfer of business Decrease (increase) in short-term loans receivable Decrease (increase) in other investments Decrease (increase) in other investments Other Net cash provided by (used in) investing activities Net increase (decrease) in short-term loans payable Repayments of long-term loans payable Proceeds from issuance of bonds Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Cash dividends paid Dividends paid to non-controlling interests Net cash provided by (used in) financing activities PEffect of exchange rate change on cash and cash equivalents V Ret increase (decrease) in cas	Proceeds from sales of investment securities			8		179		171
Payments for transfer of business Decrease (increase) in short-term loans receivable Decrease (increase) in other investments Other Net cash provided by (used in) investing activities Net increase (decrease) in short-term loans payable Net increase (decrease) in controlling shareholders Proceeds from issuance of bonds Redemption of bonds Proceeds from share issuance to non-controlling shareholders Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Cash dividends paid to non-controlling interests Net cash provided by (used in) financing activities Net cash provided by (used in) financing activities Net cash provided by (used in) financing activities Net increase (decrease) in cash and cash equivalents Verification Net cash dividends paid to non-controlling interests A 194 A 521 A 326 Net cash provided by (used in) financing activities Net increase (decrease) in cash and cash equivalents Verification Net increase (decrease) in cash and cash equivalents Net increase (decre	Purchase of intangible assets		Δ	55	Δ	55		0
Decrease (increase) in short-term loans receivable Decrease (increase) in other investments Δ Δ B Δ						_		911
Decrease (increase) in other investments Other Net cash provided by (used in) investing activities Net cash provided by (used in) financing activities Net increase (decrease) in short-term loans payable Repayments of long-term loans payable Proceeds from issuance of bonds Redemption of bonds Proceeds from issuance to non-controlling shareholders Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Cash dividends paid Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Decrease (increase) in other investments A 5 66 A 66 A 10 A 5,000 A 1,715 A 549 1,165 A 2,001 A 1,688 313 F,000 A 5,000 B 5,000 B 5,000 B 95 B 95 B 0 A 95 B 199 B 95 B 0 A 95 B 199 B 190 B		able				34		
Other Net cash provided by (used in) investing activities	· · · · · · · · · · · · · · · · · · ·	ab i o					٨	
Net cash provided by (used in) investing activities				-	٨			
III Net cash provided by (used in) financing activities Net increase (decrease) in short-term loans payable Repayments of long-term loans payable \triangle 2, 001 \triangle 1, 688 \triangle 313 \triangle 5, 000 \triangle 7, 000 \triangle 19 \triangle 10 \triangle 11 \triangle 10 \triangle 10 \triangle 11 \triangle 11 \triangle 10 \triangle 11 \triangle 11 \triangle 11 \triangle 12 \triangle 12 \triangle 11 \triangle 11 \triangle 12 \triangle 13 \triangle 14 \triangle 15 \triangle 15 \triangle 16 \triangle 11 \triangle 16 \triangle 11 \triangle 10 \triangle 11		iac	$\stackrel{\triangle}{\wedge}$	2 608	$\stackrel{\triangle}{\wedge}$			
Net increase (decrease) in short-term loans payable Repayments of long-term loans payable Proceeds from issuance of bonds Proceeds from issuance of bonds Sedemption Sedemptio	Net cash provided by (used iii) investing activit	.100		2, 090	Δ	2, 040		030
Net increase (decrease) in short-term loans payable Repayments of long-term loans payable Proceeds from issuance of bonds Proceeds from issuance of bonds Sedemption Sedemptio	THE Not cook provided by (used in) financing setivit	ioo						
Repayments of long-term loans payable \triangle 2,001 \triangle 1,688 313 Proceeds from issuance of bonds 5,000 Redemption of bonds \triangle 5,000 \triangle 5,000 Proceeds from share issuance to non-controlling shareholders Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares \triangle 0 \triangle 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				1 715	٨	E40		1 1CE
Proceeds from issuance of bonds Redemption of bonds Redemption of bonds Δ 5,000 Δ 5,000 Δ 5,000 Δ 5,000 Δ 5,000 Δ 7,000 Proceeds from share issuance to non-controlling shareholders Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Δ 0 Δ 0 0 0 0 Δ 209 Dividends paid Δ 636 Δ 846 Δ 209 Dividends paid to non-controlling interests Δ 194 Δ 521 Δ 326 Net cash provided by (used in) financing activities Δ 4,452 Δ 3,586 Δ 866 Δ 17 V Net increase (decrease) in cash and cash equivalents V Net increase (decrease) in cash and cash equivalents Δ 196 Δ 1,714 Δ 2,211 VI Cash and cash equivalents at beginning of period 9,622 10,118 Δ		yabre						
Redemption of bonds Proceeds from share issuance to non-controlling shareholders Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Cash dividends paid Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to exchange rate change on cash and cash equivalents V Net increase (decrease) in cash and cash equivalents VI Cash and cash equivalents at beginning of period Dividends paid to non-controlling interests $ \Delta 0 \Delta 0 0 0 0 0 0 0 $	1 , ,		\triangle		Δ	1, 688		
Proceeds from share issuance to non-controlling shareholders Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Cash dividends paid Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Net cash provided by (used in) financing activities Dividends paid to non-controlling interests Dividends paid Dividends paid Dividends Dividends Dividen						-	Δ	
Proceeds from issuance of shares resulting from exercise of share acquisition rights Purchase of treasury shares Cash dividends paid Dividends paid to non-controlling interests Net cash provided by (used in) financing activities			Δ	5, 000		_		
exercise of share acquisition rights Purchase of treasury shares Cash dividends paid Dividends paid to non-controlling interests Net cash provided by (used in) financing activities $ \Delta $ $ \Delta$				_		19		19
Purchase of treasury shares		m		95		_	Λ	95
Cash dividends paid \triangle 636 \triangle 846 \triangle 209 Dividends paid to non-controlling interests \triangle 194 \triangle 521 \triangle 326 Net cash provided by (used in) financing activities \triangle 4,452 \triangle 3,586 866 NV Effect of exchange rate change on cash and cash equivalents \triangle 196 \triangle 111 307 V Net increase (decrease) in cash and cash equivalents VI Cash and cash equivalents at beginning of period 9,622 10,118 496				_		•	_	_
Dividends paid to non-controlling interests \triangle 194 \triangle 521 \triangle 326 Net cash provided by (used in) financing activities \triangle 4,452 \triangle 3,586 866 IV Effect of exchange rate change on cash and cash equivalents \triangle 196 111 307 V Net increase (decrease) in cash and cash equivalents VI Cash and cash equivalents at beginning of period 9,622 10,118 496								
Net cash provided by (used in) financing activities \triangle 4,452 \triangle 3,586 866 IV Effect of exchange rate change on cash and cash equivalents \triangle 196 111 307 V Net increase (decrease) in cash and cash equivalents 496 \triangle 1,714 \triangle 2,211 VI Cash and cash equivalents at beginning of period 9,622 10,118 496								
IV Effect of exchange rate change on cash and cash equivalents Δ 196 111 307 V Net increase (decrease) in cash and cash equivalents 496 Δ 1,714 Δ 2,211 VI Cash and cash equivalents at beginning of period 9,622 10,118 496	Dividends paid to non-controlling interests		Δ		Δ		Δ	326
IV Effect of exchange rate change on cash and cash equivalents Δ 196 111 307 V Net increase (decrease) in cash and cash equivalents 496 Δ 1,714 Δ 2,211 VI Cash and cash equivalents at beginning of period 9,622 10,118 496	Net cash provided by (used in) financing activit	ies	Δ	4, 452	Δ	3, 586		866
V Net increase (decrease) in cash and cash equivalents 496 \triangle 1,714 \triangle 2,211 VI Cash and cash equivalents at beginning of period 9,622 10,118 496								
VI Cash and cash equivalents at beginning of period 9,622 10,118 496	IV Effect of exchange rate change on cash and cash	equivalents	Δ	<u>1</u> 96				
VI Cash and cash equivalents at beginning of period 9,622 10,118 496	V Net increase (decrease) in cash and cash equival	ents			Δ		Δ	2, 211
	VI Cash and cash equivalents at beginning of period			9, 622				
				10, 118			Δ	
	·							