



ADEKA CORPORATION (TSE 1st Section/4401)

FACTBOOK 2019

For the fiscal year ended March 31, 2019

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Corporate Profile

Company Outline (as of March 31, 2019)

Company name	ADEKA CORPORATION
URL	https://www.adeka.co.jp/en/
Head office	7-2-35 Higashi-ogu, Arakawa-ku, Tokyo 116-8554, Japan
Established	January 27, 1917
Paid-in capital	¥22.9 billion
Representative	Hidetaka Shirozume, President and Chief Operating Officer
No. of employees	5,154 (consolidated)

Management Policies

“To be a company that is progressive and dynamic with a keen attitude towards the new changing tide”
“Creating a better future for the people of the world”

Aim for larger global presence by focusing on highly competitive and technologically superior product groups in the world market.

While focusing on growing markets with unique excellent technology, we are striving to be the leader in the specific market categories where our group is strongly competitive and contributing to promoting global welfare by providing the market with state-of-the-art products and products truly responding to needs of our customers.

Fundamental CSR Policy



Perceiving changes in trends sharply and constantly, the ADEKA Group aims to create new products and technologies, taking into account their impacts on the environment and society.

While required to provide socially demanded and valuable things, the Group believes that it should put priority on **“gentle harmony between people and technology”** as a company aiming to develop a better community.

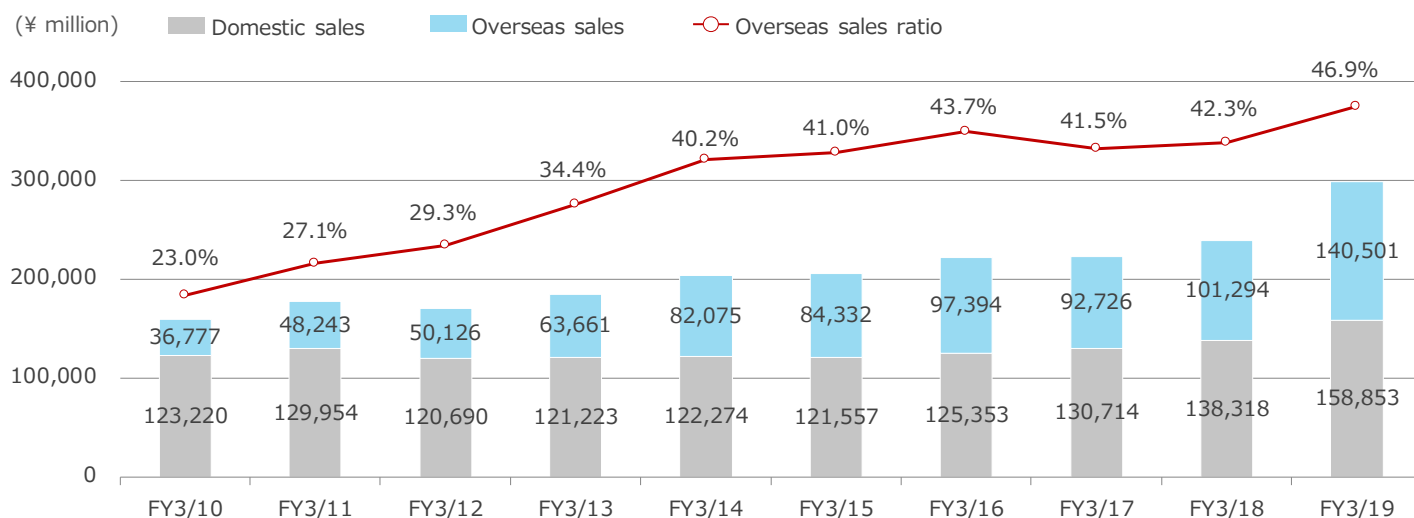
As a company **“creating a better future for people of the world,”** we strive to achieve **“harmony with society”** in addressing various environmental and social issues to realize a sustainable society, while working in partnership with our stakeholders to continue corporate efforts to create common values through practicing social contribution as part of our business activities.

Corporate Profile

History

- 1917** Asahi Denka Kogyo K.K. (now ADEKA CORPORATION) was established to produce chlorine and caustic soda by salt electrolysis
- 1929** Started the manufacture of RISU BRAND margarine
- 1949** Listed its stock on the first section of the Tokyo Stock Exchange
- 1988** Established Asahi Denka (Singapore) Pte. Ltd. in Singapore (now ADEKA (SINGAPORE) PTE. LTD.)
- 2000** Established Asahi Denka Korea Corp. in South Korea (now ADEKA KOREA CORP.)
Established ADEKA PALMAROLE SAS in France (now ADEKA POLYMER ADDITIVES EUROPE SAS)
- 2001** Established Asahi Denka Shanghai Co., Ltd. in China (now ADEKA (CHINA) CO., LTD.)
- 2002** Established Asahi Fine Chemical (Shanghai) Co., Ltd. in China (now ADEKA FINE CHEMICAL (SHANGHAI) CO., LTD.)
- 2003** Established ADEKA FINE CHEMICAL (CHANGSHU) CO., LTD. in China
Established Asahi Denka (Asia) Pte. Ltd. in Singapore (now ADEKA (ASIA) PTE. LTD.)
- 2004** Established Asahi Denka U.S.A., Inc. (now ADEKA USA CORP.)
Established Asahi Foods (Changshu) Co., Ltd. in China (now ADEKA FOODS (CHANGSHU) CO., LTD.)
Established ADEKA FINE CHEMICAL (THAILAND) CO., LTD. in Thailand
Established ADEKA FINE CHEMICAL TAIWAN CORP. in Taiwan
- 2006** Changed company name to ADEKA CORPORATION
Built head office building in Arakawa-ku, Tokyo
- 2007** ADEKA INDIA PVT. LTD. established in India
- 2011** Established ADEKA AL GHURAIR ADDITIVES LLC in UAE (manufacturing and sales of polymer additives)
- 2012** AMFINE CHEMICAL CORP. established AM STABILIZERS CORP. in the U.S.A. (manufacturing and sales of polymer additives)
Established ADEKA BRASIL LTDA. in Brazil (sales support and market development of ADEKA Group's products)
Established ADEKA FOODS (ASIA) SDN. BHD. in Malaysia (manufacturing and sales of food processing oils and fats)
- 2017** ADEKA (CHINA) CO., LTD. established ADEKA FINE CHEMICAL (ZHEJIANG) CO., LTD. in China (manufacturing and sales of chemical products including polymer additives)
- 2018** Reorganized NIHON NOHYAKU CO., LTD. as a consolidated subsidiary

Trend of Business Performance



Corporate Profile

Business Segments

ADEKA's core business consists of Chemicals and Food products.

Chemicals

Polymer additives

Core products:

Additives for polyolefins, PVC plasticizers/stabilizers, flame retardants, and others

Electronics and IT materials

Core products:

High-purity materials for semiconductors, AFES System and etching agents, photo(Light)/heat curing materials, photoinitiators, imaging materials, and others

Functional chemicals

Core products:

Epoxy resins, polyurethanes, water-borne resins, surfactants, lubricant additives, kitchen detergents, functional cosmetic ingredients, polypropylene glycol, hydrogen peroxide and derivative products, water-swelling sealing materials, and others

Food Products

Core products:

Margarines, shortenings, oils and fats for chocolate, oils and fats for frying, whipping cream, enriched milk products, fillings, frozen pie crusts, mayonnaise dressings, functional foods, and others



Life Science

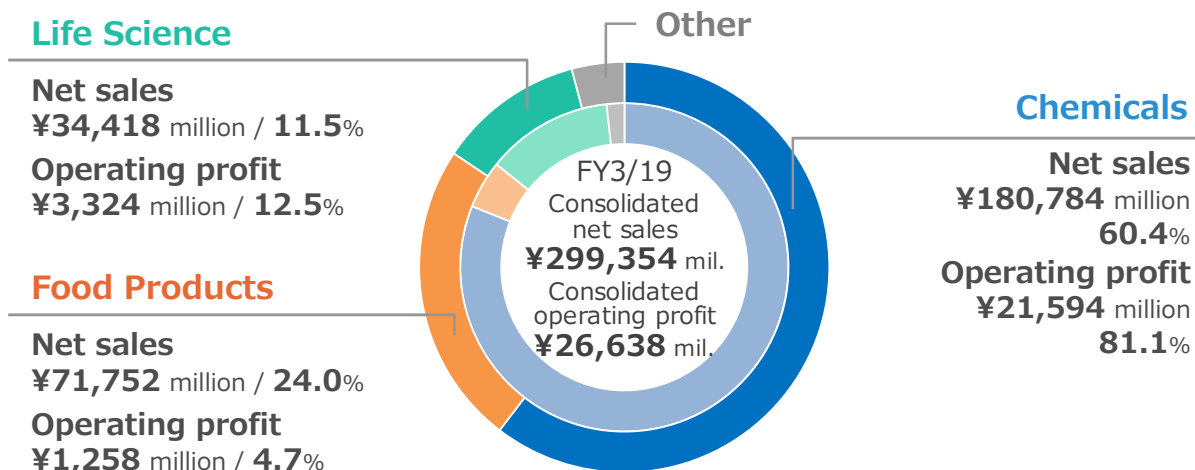
Core products:

Agrochemicals, agricultural materials, pharmaceuticals & veterinary products, wood preservative, and others

Other

Construction and construction management, logistic services, real estate, and others

Consolidated net sales and operating profit by business segment



Note 1: Operating profit by business segment are before adjustment.

Note 2: The figures presented for Life Science are the performance for the six months from the third quarter.

Corporate Profile

ADEKA's Domestic Bases

Offices/Sales Offices			Plants		
Head Office	■ ■	Tokyo	Kashima Plant	■ ■	Ibaraki Pref.
Osaka Main Branch	■ ■	Osaka Pref.	Chiba Plant	■	Chiba Pref.
Nagoya Branch	■	Aichi Pref.	Mie Plant	■	Mie Pref.
Fukuoka Branch	■	Fukuoka Pref.	Fuji Plant	■	Shizuoka Pref.
Sapporo Regional Office	■	Hokkaido Pref.	Akashi Plant	■	Hyogo Pref.
Sendai Regional Office	■	Miyagi Pref.	Soma Plant	■	Fukushima Pref.

R&D Laboratories		
Ogu R&D Laboratory	■ ■	Tokyo
Urawa R&D Laboratory	■	Saitama Pref.
Kuki R&D Laboratory	■	Saitama Pref.
Kansai Food Development Section	■	Osaka Pref.

■	: Chemicals
■	: Food Products

Consolidated Subsidiaries

Chemicals

Japan	ADEKA CHEMICAL SUPPLY CORP.
Japan	ADEKA CLEAN AID CORP.
Japan	OXIRANE CHEMICAL CORP.
U.S.A.	ADEKA USA CORP.
U.S.A.	AMFINE CHEMICAL CORP.
U.S.A.	AM STABILIZERS CORP.
Germany	ADEKA EUROPE GmbH
France	ADEKA POLYMER ADDITIVES EUROPE SAS
China	ADEKA (CHINA) CO., LTD.
China	ADEKA FINE CHEMICAL (SHANGHAI) CO., LTD.
China	ADEKA FINE CHEMICAL (CHANGSHU) CO., LTD.
Taiwan	CHANG CHIANG CHEMICAL CO., LTD.
Taiwan	ADEKA FINE CHEMICAL TAIWAN CORP.
South Korea	ADEKA KOREA CORP.
Thailand	ADEKA FINE CHEMICAL (THAILAND) CO., LTD.
Singapore	ADEKA (ASIA) PTE. LTD.

Food Products

Japan	ADEKA FOOD SALES CORP.
Japan	YONGO CO., LTD.
Japan	ADEKA FINE FOODS CORP.
Japan	UEHARA FOOD INDUSTRY CO., LTD.
Japan	CROWN CO., LTD.
China	ADEKA FOODS (CHANGSHU) CO., LTD.
Singapore	ADEKA (SINGAPORE) PTE. LTD.
Malaysia	ADEKA FOODS (ASIA) SDN. BHD.

Life Science

Japan	NIHON NOHYAKU CO., LTD.
Japan	NICHINO RYOKKA CO., LTD.
Japan	NICHINO SERVICE CO., LTD.
Japan	NIHON ECOTECH CO., LTD.
Japan	AGRIMART CORP.
U.S.A.	NICHINO AMERICA, INC.
Brazil	SIPCAM NICHINO BRASIL S.A.
Taiwan	TAIWAN NIHON NOHYAKU CO., LTD.
India	NICHINO INDIA PVT. LTD.
India	NICHINO CHEMICAL INDIA PVT. LTD.

Other

Japan	ADEKA LOGISTICS CORP.
Japan	ADEKA ENGINEERING & CONSTRUCTION CORP.
Japan	ADEKA LIFE-CREATE CORP.

Following 4 companies are accounted for using equity method;
CO-OP CLEAN CO., LTD., SHOWA KOSAN CO.,LTD.,
AGRICULTURAL CHEMICALS (MALAYSIA) SDN. BHD.
and SIPCAM EUROPE S.P.A.

Consolidated Balance Sheet

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Assets					
Current assets					
Cash and deposits	40,625	48,367	51,374	49,669	58,585
Notes and accounts receivable - trade	44,881	45,444	50,250	55,397	93,416
Securities	3,233	4,733	5,822	7,763	3,006
Merchandise and finished goods	21,531	20,702	20,244	22,833	40,330
Work in process	4,451	4,323	4,707	4,928	6,395
Raw materials and supplies	14,064	14,944	16,251	18,452	23,379
Deferred tax assets	1,716	1,710	1,694	-	-
Other	5,262	5,057	5,827	6,250	8,420
Allowance for doubtful accounts	(208)	(207)	(270)	(341)	(447)
Total current assets	135,558	145,076	155,901	164,953	233,087
Non-current assets					
Property, plant and equipment					
Buildings and structures	58,432	60,418	61,276	64,255	83,826
Accumulated depreciation	(35,911)	(36,922)	(37,921)	(39,151)	(51,484)
Buildings and structures, net	22,520	23,496	23,354	25,104	32,341
Machinery, equipment and vehicles	119,563	125,663	128,529	135,376	160,760
Accumulated depreciation	(96,357)	(99,396)	(101,856)	(105,493)	(124,519)
Machinery, equipment and vehicles, net	23,206	26,266	26,672	29,882	36,240
Land	21,275	21,210	21,184	21,282	29,802
Leased assets	2,003	1,872	1,748	2,017	2,342
Accumulated depreciation	(1,004)	(1,097)	(1,080)	(1,155)	(1,559)
Leased assets, net	998	774	668	861	782
Construction in progress	3,817	1,941	3,586	3,733	4,829
Other	25,985	26,675	27,097	28,010	33,002
Accumulated depreciation	(21,163)	(21,835)	(22,442)	(23,329)	(28,325)
Other, net	4,822	4,840	4,655	4,681	4,676
Total property, plant and equipment	76,640	78,529	80,121	85,546	108,672
Intangible assets					
Technical assets	-	-	-	-	9,450
Customer-related assets	-	-	-	-	3,131
Goodwill	217	155	89	29	-
Software	793	1,508	1,402	1,208	1,771
Leased assets	77	53	40	227	179
Other	2,372	2,101	2,449	2,615	3,063
Total intangible assets	3,460	3,818	3,982	4,080	17,596
Investments and other assets					
Investment securities	36,627	33,472	42,060	46,123	37,293
Long-term loans receivable	2,399	1,613	1,551	1,194	4,328
Deferred tax assets	3,100	4,319	3,347	3,904	4,438
Other	3,592	3,450	3,756	6,589	9,683
Allowance for doubtful accounts	(267)	(241)	(237)	(240)	(551)
Total investments and other assets	45,452	42,613	50,479	57,571	55,193
Total non-current assets	125,553	124,962	134,583	147,198	181,462
Total assets	261,112	270,038	290,485	312,152	414,549

* The Company applied the "Partial Amendments to Accounting Standard for Tax Effect Accounting" (Accounting Standards Board of Japan Statement No. 28, February 16, 2018) from FY3/19. The figures for FY3/18 are adjusted retrospectively to reflect the aforementioned standard.

Consolidated Balance Sheet

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Liabilities					
Current liabilities					
Notes and accounts payable - trade	34,407	33,505	33,145	38,599	56,296
Current portion of bonds	–	–	8	300	–
Short-term loans payable	17,585	17,406	18,015	15,567	21,718
Lease obligations	262	225	212	332	401
Income taxes payable	1,973	2,551	3,435	3,040	4,197
Provision for bonuses	2,041	2,133	2,239	2,355	3,079
Provision for bonuses for directors	60	69	78	75	85
Provision for environmental measures	–	–	–	–	595
Other	13,161	10,099	10,711	15,545	20,782
Total current liabilities	69,493	65,991	67,845	75,815	107,156
Non-current liabilities					
Bonds payable	–	–	300	–	11,812
Long-term loans payable	7,466	10,814	11,467	7,349	19,617
Lease obligations	817	598	494	781	843
Deferred tax liabilities	630	665	788	388	4,940
Deferred tax liabilities for land revaluation	3,605	3,424	3,424	3,424	3,414
Provision for retirement benefits for directors	152	160	255	274	225
Retirement benefit liability	13,806	15,707	15,910	16,959	18,853
Other	1,907	2,091	2,041	2,068	3,185
Total non-current liabilities	28,385	33,461	34,682	31,248	62,893
Total liabilities	97,878	99,452	102,528	107,063	170,049
Net assets					
Shareholders' equity					
Capital stock	22,899	22,899	22,899	22,944	22,944
Capital surplus	19,925	19,926	19,926	19,985	20,023
Retained earnings	100,652	110,764	124,520	135,988	148,630
Treasury shares	(226)	(227)	(590)	(554)	(825)
Total shareholders' equity	143,251	153,363	166,755	178,363	190,772
Accumulated other comprehensive income					
Valuation difference on available-for-sale securities	6,363	4,490	8,919	12,002	10,098
Revaluation reserve for land	4,095	4,276	4,276	4,276	4,253
Foreign currency translation adjustment	5,316	4,082	2,604	4,346	1,867
Remeasurements of defined benefit plans	(2,108)	(2,904)	(2,477)	(2,368)	(2,411)
Total accumulated other comprehensive income	13,667	9,945	13,321	18,256	13,807
Non-controlling interests	6,314	7,276	7,879	8,468	39,919
Total net assets	163,233	170,586	187,956	205,088	244,500
Total liabilities and net assets	261,112	270,038	290,485	312,152	414,549

Consolidated Statement of Income

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Net sales	205,890	222,746	223,440	239,612	299,354
Cost of sales	160,546	170,144	167,576	181,834	224,828
Gross profit	45,343	52,602	55,863	57,777	74,526
Selling, general and administrative expenses	31,333	33,301	34,822	36,442	47,888
Operating profit	14,009	19,300	21,041	21,335	26,638
Non-operating income					
Interest income	262	286	254	252	342
Dividend income	459	516	432	548	628
Share of profit of entities accounted for using equity method	1,792	750	914	555	419
Foreign exchange gains	507	–	–	–	–
Other	370	597	618	607	728
Total non-operating income	3,392	2,151	2,220	1,963	2,117
Non-operating expenses					
Interest expenses	433	448	379	372	666
Foreign exchange losses	–	767	577	128	468
Other	461	666	458	460	1,018
Total non-operating expenses	895	1,881	1,415	961	2,153
Ordinary profit	16,506	19,569	21,846	22,337	26,602
Extraordinary income					
Gain on step acquisitions	–	–	–	–	67
Gain on sales of investment securities	–	–	167	–	–
Gain on bargain purchase	–	–	–	–	205
Total extraordinary income	–	–	167	–	272
Extraordinary losses					
Loss on abandonment of non-current assets	179	560	263	590	336
Loss on valuation of investment securities	–	29	–	–	–
Loss on valuation of investments in capital of subsidiaries and associates	–	–	146	–	–
Impairment loss	128	222	19	–	–
Logistic bases closing expenses	83	–	–	–	–
Total extraordinary losses	391	813	429	590	336
Profit before income taxes	16,115	18,756	21,585	21,747	26,539
Income taxes - current	3,941	4,646	5,596	5,729	6,888
Income taxes - deferred	379	28	(253)	(226)	252
Total income taxes	4,320	4,675	5,343	5,503	7,140
Profit	11,794	14,081	16,241	16,244	19,398
Profit attributable to non-controlling interests	610	821	916	897	2,342
Profit attributable to owners of parent	11,183	13,259	15,325	15,346	17,055

Consolidated Statement of Changes in Equity

FY3/18

(¥ million)	Shareholders' equity					Accumulated other comprehensive income					Non-controlling interests	Total net assets
	Capital stock	Capital surplus	Retained earnings	Treasury shares	Total shareholders' equity	Valuation difference on available-for-sale securities	Revaluation reserve for land	Foreign currency translation adjustment	Remeasurements of defined benefit plans	Total accumulated other comprehensive income		
Balance at beginning of current period	22,899	19,926	124,520	(590)	166,755	8,919	4,276	2,604	(2,477)	13,321	7,879	187,956
Changes of items during period												
Issuance of new shares	44	44			89							89
Dividends of surplus			(3,827)		(3,827)							(3,827)
Profit attributable to owners of parent			15,346		15,346							15,346
Change of scope of consolidation												
Change of scope of equity method												
Purchase of treasury shares				(73)	(73)							(73)
Disposal of treasury shares		22		58	80							80
Retirement of treasury shares			(51)	51								
Change in ownership interest of parent due to transactions with non-controlling interests		(8)			(8)							(8)
Net changes of items other than shareholders' equity						3,083		1,741	109	4,934	589	5,523
Total changes of items during period	44	58	11,467	36	11,607	3,083		1,741	109	4,934	589	17,131
Balance at end of current period	22,944	19,985	135,988	(554)	178,363	12,002	4,276	4,346	(2,368)	18,256	8,468	205,088

FY3/19

(¥ million)	Shareholders' equity					Accumulated other comprehensive income					Non-controlling interests	Total net assets
	Capital stock	Capital surplus	Retained earnings	Treasury shares	Total shareholders' equity	Valuation difference on available-for-sale securities	Revaluation reserve for land	Foreign currency translation adjustment	Remeasurements of defined benefit plans	Total accumulated other comprehensive income		
Balance at beginning of current period	22,944	19,985	135,988	(554)	178,363	12,002	4,276	4,346	(2,368)	18,256	8,468	205,088
Changes of items during period												
Issuance of new shares												
Dividends of surplus			(4,436)		(4,436)							(4,436)
Profit attributable to owners of parent			17,055		17,055							17,055
Change of scope of consolidation				56	56							56
Reversal of revaluation reserve for land			22		22							22
Purchase of treasury shares				(787)	(787)							(787)
Disposal of treasury shares		(0)		459	458							458
Retirement of treasury shares												
Change in ownership interest of parent due to transactions with non-controlling interests		39			39							39
Net changes of items other than shareholders' equity						(1,904)	(22)	(2,478)	(43)	(4,448)	31,451	27,002
Total changes of items during period		38	12,642	(271)	12,409	(1,904)	(22)	(2,478)	(43)	(4,448)	31,451	39,412
Balance at end of current period	22,944	20,023	148,630	(825)	190,772	10,098	4,253	1,867	(2,411)	13,807	39,919	244,500

Consolidated Statement of Cash Flows

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Cash flows from operating activities					
Profit before income taxes	16,115	18,756	21,585	21,747	26,539
Depreciation	9,237	9,459	9,230	9,666	11,659
Impairment loss	128	222	19	–	–
Interest and dividend income	(721)	(803)	(687)	(818)	(970)
Interest expenses	433	448	380	389	666
Share of loss (profit) of entities accounted for using equity method	(1,792)	(750)	(914)	(555)	(419)
Loss on abandonment of non-current assets	179	560	263	590	336
Decrease (increase) in notes and accounts receivable - trade	(296)	(1,511)	(4,714)	(4,219)	(16,143)
Decrease (increase) in inventories	(2,345)	(583)	(1,787)	(4,337)	(4,780)
Increase (decrease) in notes and accounts payable - trade	877	(213)	542	4,774	6,185
Other, net	(349)	1,716	2,454	500	1,283
Subtotal	21,466	27,302	26,372	27,737	24,356
Interest and dividend income received	887	1,058	989	1,080	1,188
Interest expenses paid	(429)	(461)	(371)	(396)	(674)
Income taxes paid	(4,504)	(4,093)	(4,807)	(6,200)	(6,538)
Net cash provided by (used in) operating activities	17,419	23,806	22,183	22,221	18,331
Cash flows from investing activities					
Purchase of securities	(5,200)	(6,200)	(18,099)	(17,500)	(10,600)
Proceeds from sales and redemption of securities	5,200	5,200	14,999	15,601	15,198
Purchase of property, plant and equipment	(9,942)	(8,345)	(10,615)	(13,616)	(16,425)
Purchase of intangible assets	(787)	(932)	(1,053)	(839)	(916)
Purchase of investment securities	(712)	(120)	(677)	(216)	(825)
Purchase of shares of subsidiaries and associates	(203)	–	(379)	(268)	(7)
Payments of long-term loans receivable	–	–	–	–	(3,159)
Purchase of shares of subsidiaries resulting in change in scope of consolidation	–	–	–	–	(1,543)
Payments for investments in capital of subsidiaries and associates	–	–	–	(3,517)	–
Other, net	(1,220)	(274)	(840)	1,216	19
Net cash provided by (used in) investing activities	(12,867)	(10,673)	(16,666)	(19,139)	(18,258)
Cash flows from financing activities					
Net increase (decrease) in short-term loans payable	439	51	719	(2,349)	2,924
Proceeds from long-term loans payable	2,000	5,708	2,115	2,431	9,421
Repayments of long-term loans payable	(2,605)	(6,972)	(2,940)	(1,792)	(7,956)
Proceeds from issuance of bonds	–	–	–	–	10,100
Cash dividends paid	(2,219)	(2,897)	(3,205)	(3,826)	(4,433)
Dividends paid to non-controlling interests	(157)	(183)	(262)	(369)	(724)
Other, net	(271)	(272)	(232)	80	(335)
Net cash provided by (used in) financing activities	(2,813)	(4,566)	(3,805)	(5,825)	8,995
Effect of exchange rate change on cash and cash equivalents	1,288	(860)	(1,019)	883	(1,465)
Net increase (decrease) in cash and cash equivalents	3,027	7,706	692	(1,860)	7,602
Cash and cash equivalents at beginning of period	38,670	41,697	49,981	50,762	48,902
Increase in cash and cash equivalents from newly consolidated subsidiary	–	577	89	–	–
Cash and cash equivalents at end of period	41,697	49,981	50,762	48,902	56,504

Information by Business Segment, Region and Other

(¥100 million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
By business segment					
Net sales	2,058	2,227	2,234	2,396	2,993
Chemicals	1,424	1,538	1,476	1,585	1,807
Polymer additives	–	–	–	825	946
Electronics and IT materials	–	–	–	232	301
Functional chemicals	–	–	–	528	559
Electronic and IT materials	192	217	197	–	–
Functional chemicals	1,074	1,136	1,104	–	–
Commodity chemicals	158	184	174	–	–
Food products	570	611	664	698	717
Life science	–	–	–	–	344
Other	63	77	93	111	123
Operating profit	140	193	210	213	266
Chemicals	123	171	183	197	215
Polymer additives	–	–	–	73	69
Electronics and IT materials	–	–	–	52	82
Functional chemicals	–	–	–	71	64
Electronic and IT materials	34	47	29	–	–
Functional chemicals	81	98	122	–	–
Commodity chemicals	8	24	31	–	–
Food Products	11	16	22	13	12
Life science	–	–	–	–	33
Other	5	5	4	2	4

* As a result of the reclassification of business segments for FY3/19, the figures for FY3/18 have been restated to reflect the new segments.

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
By region					
Net sales	205,890	222,746	223,440	239,612	299,354
Japan	121,557	125,353	130,714	138,318	158,853
Asia	56,230	66,845	64,237	70,122	89,049
Other	28,101	30,548	28,489	31,171	51,451
Composition ratio					
Net sales	100.0%	100.0%	100.0%	100.0%	100.0%
Japan	59.1%	56.3%	58.5%	57.7%	53.1%
Asia	27.3%	30.0%	28.7%	29.3%	29.7%
Other	13.6%	13.7%	12.8%	13.0%	17.2%

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Other information					
Capital investment	10,867	10,829	12,077	15,122	17,419
Chemicals	7,284	6,991	9,318	11,875	12,519
Food products	3,437	3,954	3,036	3,456	4,337
Life science	–	–	–	–	783
Other	16	17	24	119	27
Adjustment	129	(134)	(302)	(328)	(247)
Depreciation and amortization	9,237	9,459	9,230	9,666	11,659
Chemicals	7,218	7,218	6,799	7,219	7,797
Food products	1,978	2,222	2,443	2,497	2,667
Life science	–	–	–	–	1,289
Other	88	83	73	75	77
Adjustment	(48)	(63)	(85)	(125)	(171)
Research and development expenses	8,247	8,588	8,735	9,327	11,829
R&D ratio	4.0%	3.9%	3.9%	3.9%	4.0%

Profitability Indicators

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Net sales	205,890	222,746	223,440	239,612	299,354
Gross profit	45,343	52,602	55,863	57,777	74,526
SG&A expenses	31,333	33,301	34,822	36,442	47,888
Operating profit	14,009	19,300	21,041	21,335	26,638
Ordinary profit	16,506	19,569	21,846	22,337	26,602
Profit attributable to owners of parent	11,183	13,259	15,325	15,346	17,055

(%)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Gross profit margin	22.0	23.6	25.0	24.1	24.9
SG&A expenses ratio	15.2	15.0	15.6	15.2	16.0
Operating profit margin	6.8	8.7	9.4	8.9	8.9
Ordinary profit margin	8.0	8.8	9.8	9.3	8.9
Net profit margin	5.4	6.0	6.9	6.4	5.7

(%)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Return on assets (ROA)	4.4	5.0	5.5	5.1	4.7
Return on equity (ROE)	7.5	8.3	8.9	8.1	8.5

Gross profit margin=Gross profit/Net sales

SG&A expenses ratio=SG&A expenses/Net sales

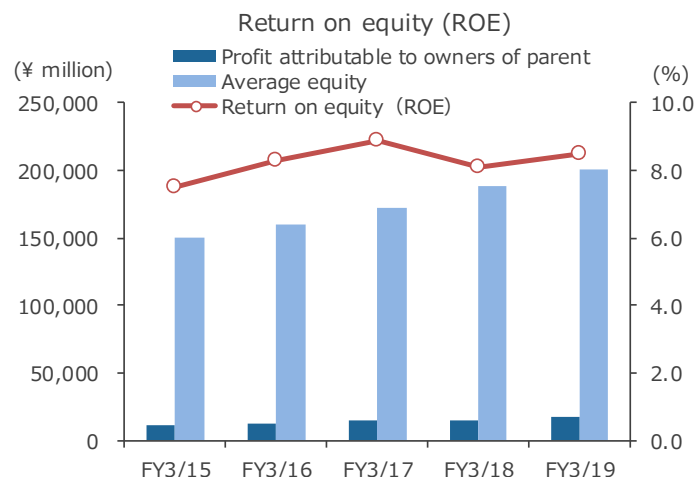
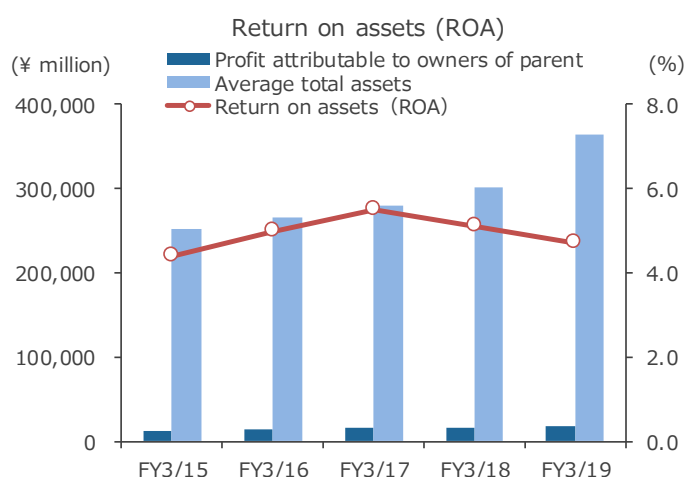
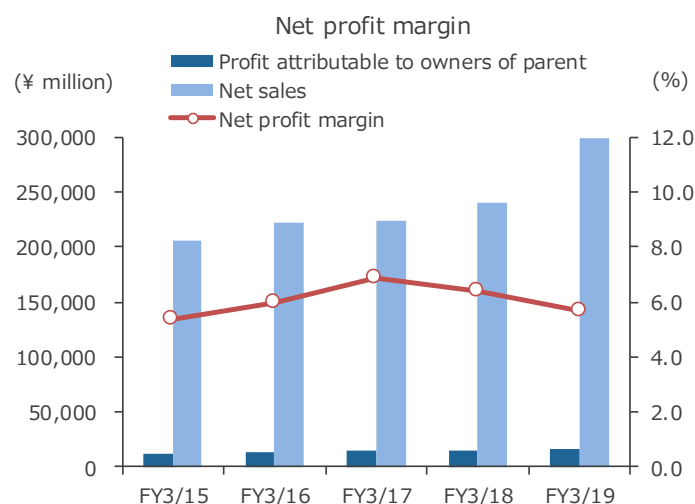
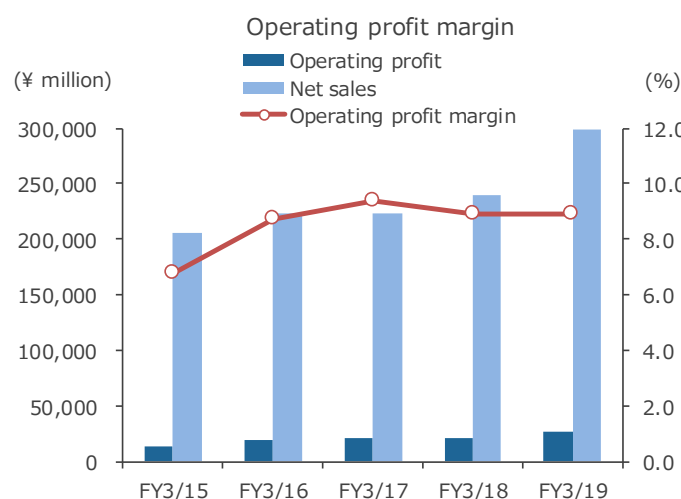
Operating profit margin=Operating profit/Net sales

Ordinary profit margin=Ordinary profit/Net sales

Net profit margin=Profit attributable to owners of parent/Net sales

ROA=Profit attributable to owners of parent/Average total assets

ROE=Profit attributable to owners of parent/Average equity



Efficiency Indicators

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Net sales	205,890	222,746	223,440	239,612	299,354
Cost of sales	160,546	170,144	167,576	181,834	224,828
Total assets	261,112	270,038	290,485	312,152	414,549
Inventories	40,046	39,969	41,202	46,213	70,104
Accounts receivable	44,881	45,444	50,250	55,397	93,416
Accounts payable	34,407	33,505	33,145	38,599	56,296

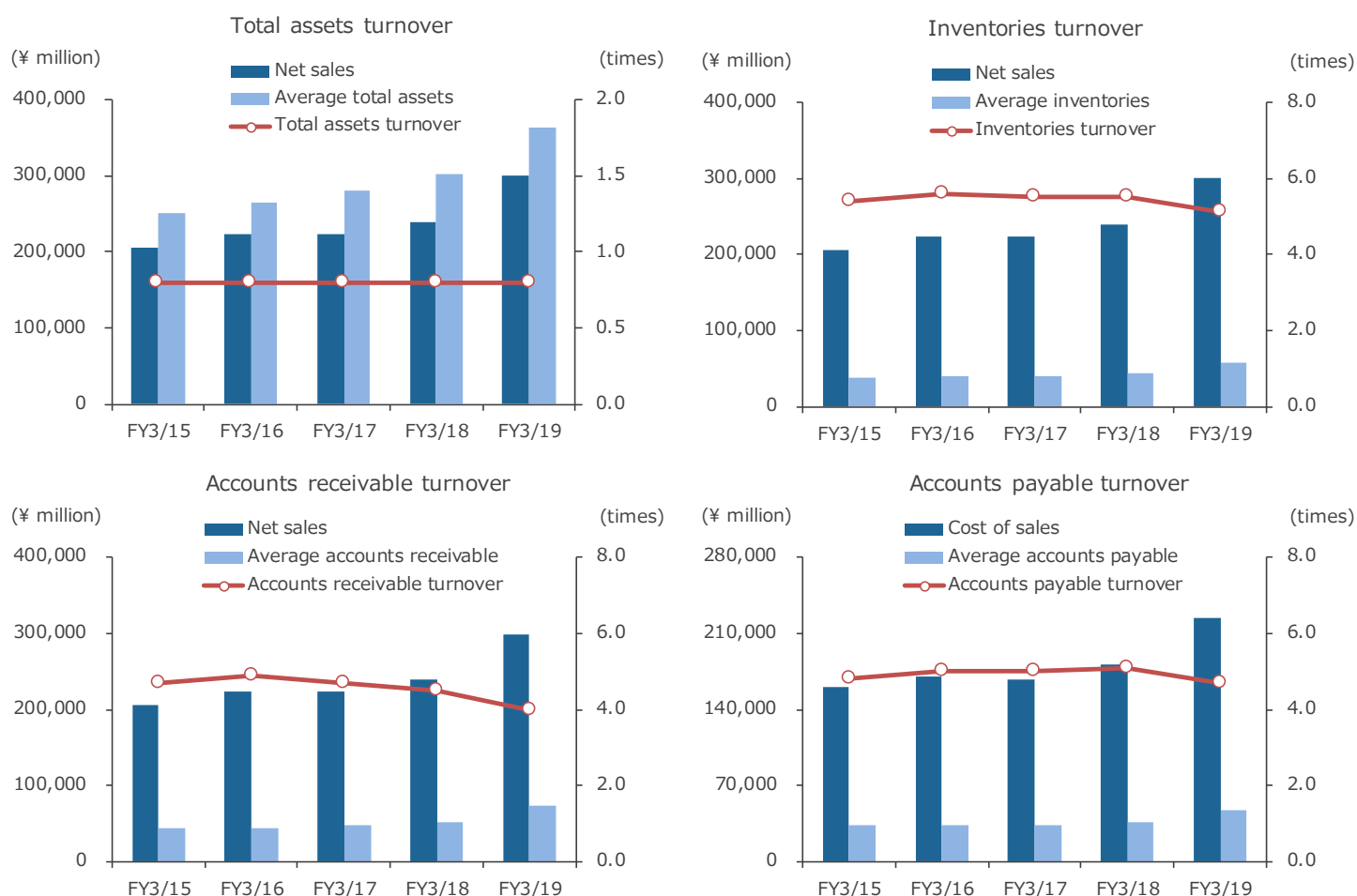
(times)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Total assets turnover	0.8	0.8	0.8	0.8	0.8
Inventories turnover	5.4	5.6	5.5	5.5	5.1
Accounts receivable turnover	4.7	4.9	4.7	4.5	4.0
Accounts payable turnover	4.8	5.0	5.0	5.1	4.7

Total assets turnover=Net sales/Average total assets

Inventories turnover=Net sales/Average inventories

Accounts receivable turnover=Net sales/Average accounts receivable

Accounts payable turnover=Cost of sales/Average accounts payable



Stability Indicators

(¥ million)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Equity	156,918	163,309	180,077	196,619	204,580
Total assets	261,112	270,038	290,485	312,152	414,549
Non-current assets	125,553	124,962	134,583	147,198	181,462
Current assets	135,558	145,076	155,901	164,953	233,087
Current liabilities	69,493	65,991	67,845	75,815	107,156
Interest-bearing debt	33,123	32,003	32,108	30,828	60,993

	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Equity ratio (%)	60.1	60.5	62.0	63.0	49.4
Non-current ratio (%)	80.0	76.5	74.7	74.9	88.7
Current ratio (%)	195.1	219.8	229.8	217.6	217.5
Interest-bearing debt ratio (%)	12.7	11.9	11.1	9.9	14.7
Interest coverage ratio (times)	40.6	51.6	59.7	56.0	27.2

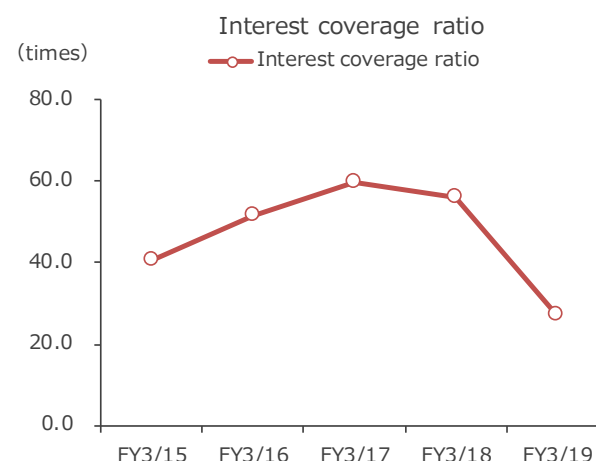
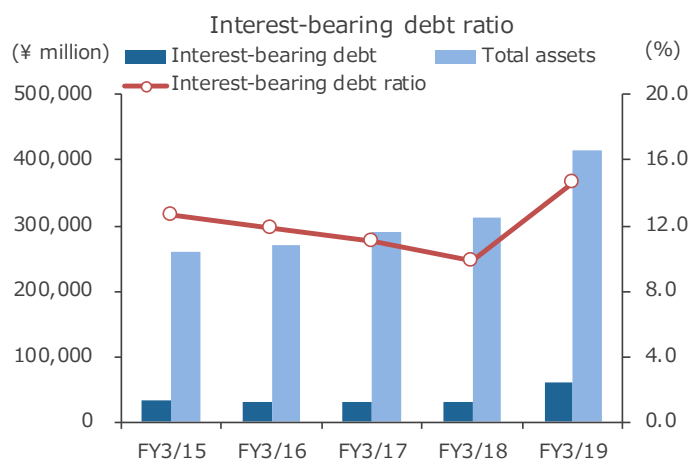
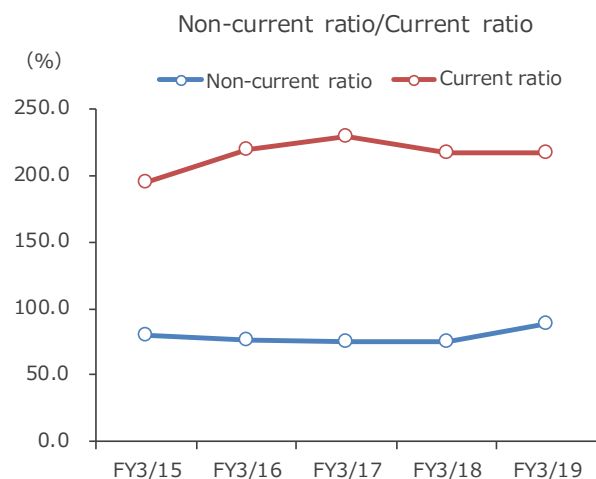
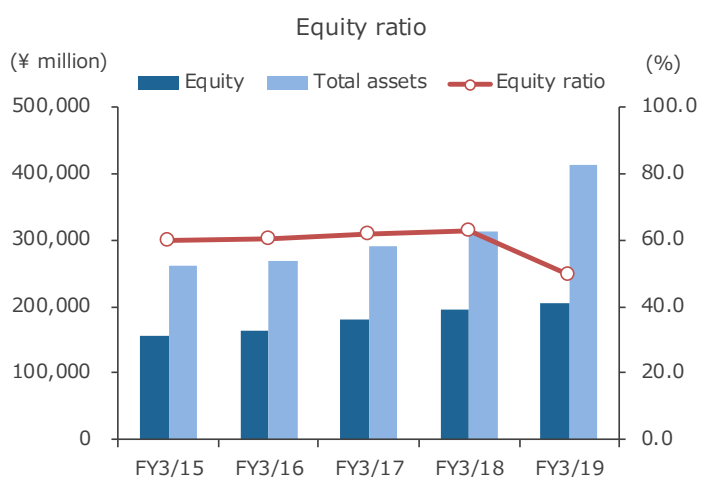
Equity ratio=Equity/Total assets

Non-current ratio=Non-current assets/Equity

Current ratio=Current assets/Current liabilities

Interest-bearing debt ratio=Interest-bearing debt/Total assets

Interest coverage ratio=Operating CF/Interest expenses paid



Stock Information

Stock Price / Other Indicators

(¥)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Stock price at term end	1,554	1,643	1,622	1,918	1,623
Closing stock price range for the last 12 months	1,084-1,571	1,398-1,863	1,161-1,673	1,543-2,061	1,429-2,107
Earnings per share (EPS)	108.28	128.38	149.03	149.18	165.78
Book-value per share (BPS)	1,519.25	1,581.14	1,751.20	1,910.23	1,986.53
Dividend per share (DPS)	26.00	30.00	35.00	39.00	45.00

(times)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Price earnings ratio (PER)	14.35	12.80	10.88	12.86	9.79
Price book-value ratio (PBR)	1.02	1.04	0.93	1.00	0.82

(%)	FY3/15	FY3/16	FY3/17	FY3/18	FY3/19
Dividend payout ratio	24.1	23.4	23.5	26.1	27.1
Dividend on equity (DOE)	1.6	1.8	1.9	2.0	1.9

DOE=Total dividend paid/Net assets

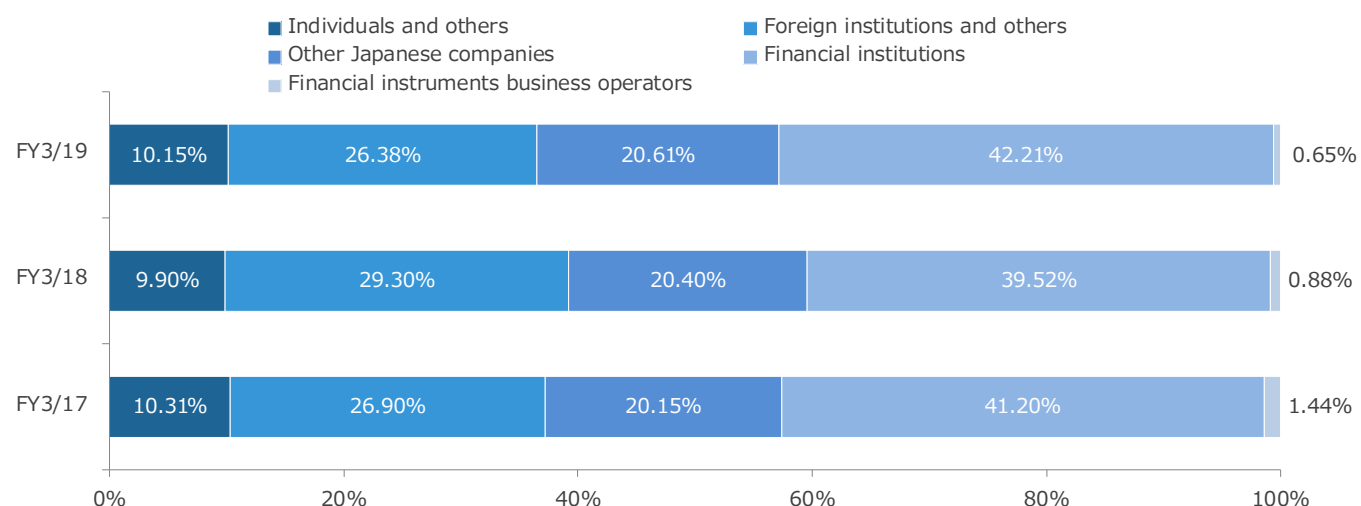
Major Shareholders

as of March 31, 2019

Shareholders	Number of shares (thousand shares)	Shareholding ratio (%)
Japan Trustee Services Bank, Ltd. (Trust Account)	6,418	6.20
The Master Trust Bank of Japan, Ltd. (Trust Account)	5,783	5.58
ASAHI MUTUAL LIFE INSURANCE CO.	4,053	3.91
Trust & Custody Services Bank, Ltd. as trustee for Mizuho Bank, Ltd. Retirement Benefit Trust Account re-entrusted by Mizuho Trust and Banking Co., Ltd.	3,770	3.64
Japan Trustee Services Bank, Ltd. (Trust Account 9)	2,914	2.81
ADEKA Business Partners Shareholdings Association	2,866	2.77
The Norinchukin Bank	2,244	2.17
ZEON CORP.	2,188	2.11
National Federation of Agricultural Cooperative Associations	2,049	1.98
Japan Trustee Services Bank, Ltd. (Trust Account 5)	1,892	1.83

* Shareholding ratio is calculated excluding treasury shares (59,454 shares).

Breakdown by Type of Shareholders





ADEKA CORPORATION

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