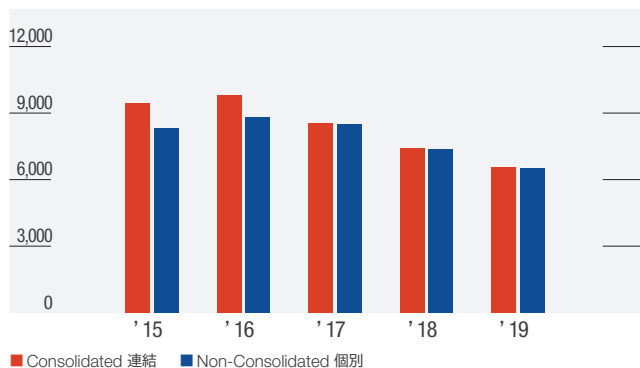
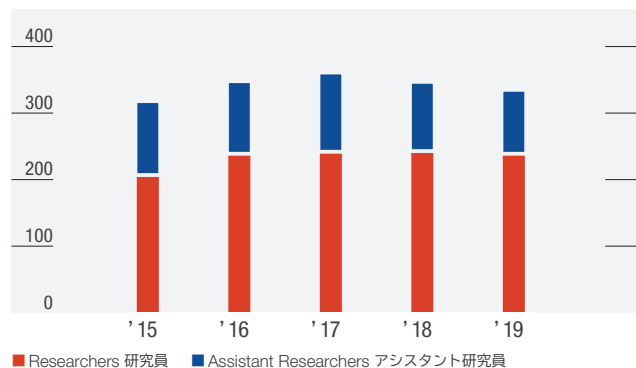


R&D Data 研究開発関連データ

R&D Expense (¥ million)
研究開発費(百万円)



Number of Researchers (Non-Consolidated) (persons)
研究開発人員(個別)(人)



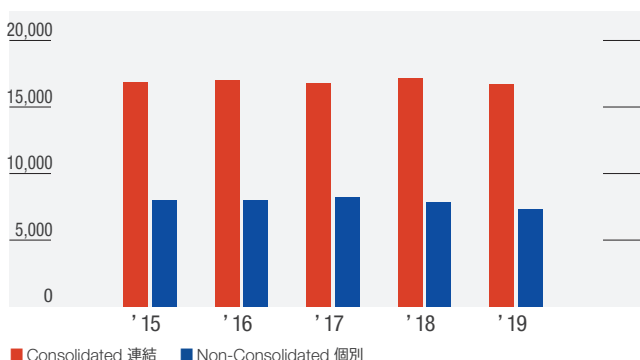
For the years ended March 31	3月31日に終了した1年間	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
R&D Expense (Consolidated) (¥ million)	研究開発費(連結)(百万円)	9,232	9,913	10,242	9,809	9,056	9,432	9,809	8,554	7,436	6,565
R&D Expense (Non-Consolidated) (¥ million)	研究開発費(個別)(百万円)	8,926	9,635	9,605	9,204	8,474	8,303	8,794	8,489	7,385	6,516
As Percentage of Net Sales (Non-Consolidated) (%)	対売上高比率(個別)(%)	0.74	0.72	0.62	0.54	0.44	0.40	0.52	0.60	0.46	0.37
Number of Researchers* (Non-Consolidated) (persons)	研究員*(個別)(人)	257	238	266	272	225	209	241	244	245	241
Number of Assistant Researchers* (Non-Consolidated) (persons)	アシスタント*研究員(個別)(人)	67	68	71	68	115	111	109	119	104	96

* The way of counting persons have been changed since the fiscal year ended March 31, 2017.

* 2017年3月期の開示より集計方法を見直し

Personnel Data 人事データ

Number of Employees (persons)
従業員数(人)



Composition by Age and Sex (Non-Consolidated)
年代・男女別構成(個別)

As of March 31, 2019
2019年3月31日現在

Age 年齢(才)	Male 男性(人)	Female 女性(人)	Total 合計(人)
~29	1,642 (27.8%)	288 (20.0%)	1,930 (26.3%)
30~39	762 (12.9%)	188 (13.0%)	950 (12.9%)
40~49	1,294 (21.9%)	503 (34.9%)	1,797 (24.5%)
50~59	1,413 (23.9%)	410 (28.4%)	1,823 (24.8%)
60~	790 (13.4%)	53 (3.7%)	843 (11.5%)
Total 合計	5,901 (100.0%)	1,442 (100.0%)	7,343 (100.0%)
	<80.4%>	<19.6%>	<100.0%>



As of March 31	3月31日時点	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Consolidated Number of Employees	連結 従業員数(人)	15,539	16,134	16,528	16,832	17,076	16,835	16,998	16,823	17,138	16,708
Non-Consolidated Number of Employees	個別 従業員数(人)	7,540	7,700	7,774	7,926	8,002	7,979	7,973	8,219	7,862	7,343

"Employees" refers to full-time staff and does not include part-time workers.

従業員数は常勤の就業人員数を記載しており、出向者および臨時従業員を含まない