

2025年3月期 第1四半期 決算補足資料  
FY2024 1Q Financial Result Supplementary Materials

目次	Index	P1
連結損益計算書	Consolidated income statements	P2
セグメント別売上・利益	Segment Results	P3
地域別売上・有形固定資産	Sales/Property, plant and equipment by Region	P4
自動車電池（国内）事業	Automotive Batteries (Japan)	P5
自動車電池（海外）事業	Automotive Batteries (Overseas)	P6
産業電池電源事業	Industrial Batteries and Power Supplies	P7
車載用リチウムイオン電池事業	Automotive Lithium-ion Batteries	P8
特殊電池およびその他事業	Specialized Batteries and Others	P9
営業利益増減要因（前年比較）	Factors for Operating Income Change (year-on-year comparison)	P10
連結貸借対照表	Consolidated Balance Sheets	P11・12・13
連結キャッシュ・フロー計算書	Consolidated Statements of Cash Flows	P14
通期業績予想	Full-year earnings forecast	P15
財務分析	Financial analysis	P16・17
数量データ・シェア	Quantity Data / Share	P18
市場データ	Market data	P19・20・21
その他補足資料	Other supplementary materials	P22
参考：テクニカルレポート	Reference : Technical Report	P23

注：

Notes:

- 四捨五入により、決算補足資料は「決算短信」「四半期報告書」などと異なる場合がございます。  
These reference data may differ from "Earnings Report" or "Quarterly Report" due to rounding off.
- 本資料は、当社グループの業績等についての一般的な情報提供を目的とするものです。  
本書に含まれる予測、予想、計画その他の将来情報は、当社において利用可能な情報に基づく現時点における当社の認識又は判断に基づくものであり、実際の結果はこれらの情報と大きく異なることがあります。  
また、当社は、本資料に記載された情報に変更又は更新があった場合にも、その内容を提供又は開示する義務を負うものではありません。  
Although this material has been prepared with information believed to be correct, GS Yuasa Corporation does not guarantee the accuracy or the completeness of such information. Also, the information herein contains forward-looking statements regarding the Company's plans, outlooks, strategies and results for the future. All the forward-looking statements are based on judgments derived from information available to the Company at the time of release. Certain risks and uncertainties could cause the Company's actual results to differ materially from any projections presented herein.
- 一部セルは数式で計算しておりますので他の公表資料と数値が異なる場合がございます。  
Some cells are calculated using formulas, so the values may differ from those in other published documents.
- 本資料は2024年8月5日に作成したものです。  
This material was produced on August 5, 2024.

(億円、100 million yen)

連結損益計算書 / Consolidated income statement		FY17		FY18		FY19		FY20		FY21		FY22							FY23							FY24									
		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual							実績 Actual							実績 Actual		予想 Forecast							
				Full		Full		Full		Full		1Q	2Q	1st H		3Q		3Q total	4Q		2nd H		Full	1Q	2Q	1st H	3Q total		4Q	2nd H	Full	1Q	1st H	Full	
売上高	Net sales	4,110	4,131	3,956	3,865	4,321	1,114	1,238	2,352	1,397	3,749	1,429	2,825	5,177	1,205	1,363	2,568	1,548	4,116	1,513	3,061	5,629	1,276	2,630	5,900										
売上原価	Cost of sales	3,179	3,181	3,026	2,899	3,354	874	987	1,860	1,074	2,934	1,111	2,185	4,045	947	1,070	2,017	1,168	3,185	1,182	2,350	4,367	992	-	-										
売上総利益	Gross profit	931	950	929	966	968	241	251	492	323	815	318	641	1,132	258	293	551	380	931	331	711	1,262	284	-	-										
荷造運送費	Packing and transportation costs	104	103	100	104	115	-	-	57	-	-	-	66	123	-	-	56	-	-	-	68	124	-	-	-										
従業員給与及び賞与	Employee salaries and bonuses	193	194	196	205	221	-	-	121	-	-	-	123	244	-	-	134	-	-	-	131	265	-	-	-										
福利厚生費	Welfare expense	34	40	37	35	36	-	-	20	-	-	-	21	40	-	-	20	-	-	-	19	39	-	-	-										
退職給付費用	Retirement benefit liability	7	8	10	14	10	-	-	2	-	-	-	3	5	-	-	2	-	-	-	3	5	-	-	-										
不動産賃借料	Real estate rent	13	15	10	10	10	-	-	6	-	-	-	5	11	-	-	6	-	-	-	6	11	-	-	-										
減価償却費	Depreciation	33	33	32	32	30	-	-	14	-	-	-	19	33	-	-	19	-	-	-	19	38	-	-	-										
研究開発費	R&D expenses	53	57	72	80	93	-	-	51	-	-	-	54	105	-	-	43	-	-	-	45	88	-	-	-										
その他販管費	Other SG & A expenses	272	274	255	238	226	-	-	138	-	-	-	118	256	-	-	144	-	-	-	132	276	-	-	-										
販売費及び一般管理費	Selling, general and administrative expenses	711	723	712	718	741	205	205	410	215	625	193	408	817	210	214	424	213	637	209	422	846	222	-	-										
営業利益	Operating profit	219	227	217	248	227	36	47	82	108	190	125	233	315	48	78	127	167	294	122	289	416	62	130	440										
(営業利益率)	(Operating profit ratio)	5.3%	5.5%	5.5%	6.4%	5.2%	3.2%	3.8%	3.5%	7.7%	5.1%	8.8%	8.2%	6.1%	4.0%	5.8%	4.9%	10.8%	7.1%	8.1%	9.4%	7.4%	4.8%	4.9%	7.5%										
営業外収益	Non-operating income	15	42	37	46	40	14	5	19	-0	19	5	5	24	17	12	29	23	52	41	64	93	22	-											
営業外費用	Non-operating expenses	20	21	22	21	20	27	14	41	7	48	48	55	96	16	20	36	20	56	13	33	69	17	-											
うち持分法投資損益	/ Equity in earnings of affiliates	-5	27	22	25	26	-13	8	-5	3	-2	-27	-24	-28	2	11	13	17	30	2	20	33	8	-											
うち為替差損益	/ foreign exchange gains or losses	1	-6	-7	6	-1	-8	-10	-18	4	-15	-2	2	-17	6	-6	-0	-3	-3	2	-1	-1	-3	-	-										
うち正味貨幣持高による利得または損失	/ Gain or loss on net monetary position	-	-	-	-	-	8	2	10	-5	4	2	-4	6	1	4	5	-2	2	33	31	35	3	-	-										
経常利益	Ordinary profit	214	247	231	273	247	22	38	60	100	161	82	182	242	49	71	120	170	290	150	320	440	67	125	440										
特別利益	Extraordinary income	8	39	24	17	24	10	5	15	1	16	53	54	69	4	0	5	32	37	7	39	44	0	-											
特別損失	Extraordinary losses	14	34	22	41	78	1	2	3	2	5	35	37	40	7	1	8	30	38	17	47	55	1	-											
うち減損損失	/ Impairment loss	-	3	1	28	58	-	-	-	-	-	-	29	29	-	-	-	-	-	-	-	-	-	-	-										
税金等調整前純利益	Profit before income taxes	208	252	233	249	192	31	41	72	100	172	99	199	271	47	70	117	172	289	140	312	429	67	-											
法人税等	Income taxes	54	81	66	101	67	13	19	32	25	57	29	54	86	15	13	29	32	61	-14	18	47	8	-											
純利益	Profit	153	171	167	148	126	18	22	40	75	115	70	145	185	31	57	88	140	228	154	294	382	59	-											
非支配株主帰属純利益	Profit attributable to non-controlling interests	39	36	30	33	41	12	11	23	13	36	10	23	46	15	14	29	22	51	11	33	61	11	-											
親会社株主帰属純利益	Profit attributable to owners of parent	115	135	137	115	85	6	11	17	61	79	61	122	139	17	43	60	118	177	143	261	321	48	60	260										
(純利益率)	(Profit attributable to owners of parent ratio)	2.8%	3.3%	3.5%	3.0%	2.0%	0.6%	0.9%	0.7%	4.4%	2.1%	4.3%	4.3%	2.7%	1.4%	3.2%	2.3%	7.6%	4.3%	9.5%	8.5%	5.7%	3.8%	2.3%	4.4%										
1株あたり純利益 (円)	EPS (yen)	138.90	164.74	168.23	141.91	105.23	7.62	13.68	21.30	76.27	97.57	75.54	151.81	173.11	20.51	53.55	74.06	141.71	215.77	153.97	295.68	369.74	47.71	59.82	259.21										
のれん等償却前営業利益	Operating profit before amortization of goodwill	241	251	239	271	239	38	49	88	110	198	123	233	321	49	80	129	169	298	124	293	422	64	-	445										
(のれん等償却前営業利益率)	(Operating profit before amortization of goodwill ratio)	5.9%	6.1%	6.1%	7.0%	5.5%	3.4%	4.0%	3.7%	7.9%	5.3%	8.6%	8.3%	6.2%	4.1%	5.9%	5.0%	10.9%	7.2%	8.2%	9.6%	7.5%	5.0%	-	7.5%										
のれん等償却前親会社株主帰属純利益	Profit attributable to owners of parent before amortization of goodwill	139	160	159	135	95	9	14	22	64	86	58	122	144	17	44	62	119	181	145	265	326	49	-	265										
(のれん等償却前純利益率)	Profit attributable to owners of parent before amortization of goodwill ratio	3.4%	3.9%	4.0%	3.5%	2.2%	0.8%	1.1%	0.9%	4.6%	2.3%	4.1%	4.3%	2.8%	1.4%	3.3%	2.4%	7.7%	4.4%	9.6%	8.6%	5.8%	3.9%	-	4.5%										
のれん等償却前営業利益 (差インフレ会計適用前)	Operating profit before amortization of goodwill (before inflation accounting)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	449	68	-	471						
(のれん等償却前営業利益率)	(Operating profit before amortization of goodwill ratio)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0%	5.3%	-	8.0%						
EBITDA	EBITDA	384	388	377	410	394	81	95	176	157	332	192	349	525	102	133	235	227	462	182	409	644	120	-	670										
(EBITDAマージン)	(EBITDA margin)	9.4%	9.4%	9.5%	10.6%	9.1%	7.3%	7.6%	7.5%	11.2%	8.9%	13.5%	12.4%	10.1%	8.4%	9.8%	9.2%	14.6%	11.2%	12.0%	13.4%	11.4%	9.4%	-	11.4%										
のれん等償却前EBITDA	EBITDA before amortization of goodwill	406	412	399	433	406	84	97	181	159	340	190	349	530	103	135	238	229	466	184	413	650	122	-	675										
(のれん等償却前EBITDAマージン)	(EBITDA before amortization of goodwill margin)	9.9%	10.0%	10.1%	11.2%	9.4%	7.5%	7.9%	7.7%	11.4%	9.1%	13.3%	12.4%	10.2%	8.5%	9.9%	9.3%	14.8%	11.3%	12.2%	13.5%	11.6%	9.6%	-	11.4%										

※ EBITDAは営業利益+減価償却費です。

\* EBITDA is operating income + depreciation.

前年比		FY17/FY16		FY18/FY17		FY19/FY18		FY20/FY19		FY21/FY20		FY22/FY21							FY23/FY22							FY24/FY23								
		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual							実績 Actual							実績 Actual		予想 Forecast						
				Full		Full		Full		Full		1Q	2Q	1st H		3Q		3Q total	4Q		2nd H		Full	1Q	2Q	1st H	3Q total		4Q	2nd H	Full	1Q	1st H	Full

(億円、100 million yen)

セグメント別売上・利益/Segment Results			FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24			
			実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast		
			Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full	
																										As of May 10	
自動車電池（国内）	売上高	Automotive Batteries (Japan)	Net sales	892	915	881	836	815	177	200	377	255	631	247	501	878	196	215	411	278	689	252	530	940	208	-	1,000
	営業利益		Operating profit	61	78	70	87	59	10	8	18	25	42	23	48	65	10	11	22	30	52	29	59	81	16	-	80
			(営業利益率)	6.9%	8.5%	7.9%	10.4%	7.2%	5.4%	4.0%	4.7%	9.7%	6.7%	9.4%	9.6%	7.5%	5.2%	5.3%	10.9%	7.6%	11.4%	11.1%	8.6%	7.8%	-	-	8.0%
自動車電池（海外）	売上高	Automotive Batteries (Overseas)	Net sales	1,856	1,771	1,621	1,653	1,867	600	619	1,218	651	1,869	604	1,255	2,473	584	671	1,254	652	1,907	622	1,274	2,529	652	-	2,590
	営業利益		Operating profit	90	99	92	122	100	30	31	61	41	102	31	73	133	28	48	76	58	134	18	75	151	48	-	165
			(営業利益率)	4.8%	5.6%	5.7%	7.4%	5.3%	5.0%	5.0%	5.0%	6.3%	5.5%	5.2%	5.8%	5.4%	4.7%	7.2%	6.1%	8.8%	7.0%	2.8%	5.9%	6.0%	7.4%	-	6.4%
産業電池電源	売上高	Industrial Batteries and Power Supplies	Net sales	742	800	846	840	995	170	225	395	264	659	317	581	976	179	216	395	342	737	359	702	1,097	195	-	1,200
	営業利益		Operating profit	74	78	92	69	58	-5	11	6	27	33	53	80	85	2	12	14	51	64	67	118	132	9	-	130
			(営業利益率)	9.9%	9.8%	10.8%	8.2%	5.8%	-3.1%	5.1%	1.5%	10.2%	5.0%	16.6%	13.7%	8.8%	0.8%	5.6%	3.5%	14.8%	8.7%	18.8%	16.8%	12.0%	4.8%	-	10.8%
車載用リチウムイオン電池	売上高	Automotive Lithium-ion Batteries	Net sales	448	456	423	360	476	124	150	273	179	452	201	380	654	195	211	406	224	629	218	442	848	161	-	900
	営業利益		Operating profit	13	3	-17	-9	17	4	-2	2	8	10	10	18	20	4	3	7	17	24	2	19	26	-20	-	40
			(営業利益率)	2.9%	0.7%	-4.0%	-2.4%	3.5%	3.1%	-1.3%	0.7%	4.4%	2.2%	5.0%	4.7%	3.0%	2.2%	1.4%	1.8%	7.6%	3.9%	1.0%	4.3%	3.1%	-12.6%	-	4.4%
特殊電池およびその他	売上高	Specialized Batteries and Others	Net sales	171	189	185	176	168	44	45	89	48	136	60	108	196	52	50	102	51	154	62	113	215	60	-	210
	営業利益		Operating profit	3	-8	3	1	6	0	1	1	9	11	6	15	16	6	5	11	13	24	8	22	32	10	-	30
			(営業利益率)	1.7%	-4.0%	1.7%	0.8%	3.4%	0.2%	2.9%	1.5%	19.7%	7.9%	9.6%	14.0%	8.4%	10.9%	9.7%	10.3%	25.5%	15.4%	13.7%	19.0%	14.9%	16.9%	-	14.3%
合計	売上高	Total	Net sales	4,109	4,131	3,955	3,865	4,321	1,114	1,238	2,352	1,397	3,749	1,429	2,825	5,177	1,205	1,363	2,568	1,548	4,116	1,513	3,061	5,629	1,276	0	5,900
	営業利益		Operating profit	241	251	239	271	239	38	49	88	110	198	123	233	321	49	80	129	169	298	124	293	422	64	0	445
			(営業利益率)	5.9%	6.1%	6.1%	7.0%	5.5%	3.4%	4.0%	3.7%	7.9%	5.3%	8.6%	8.3%	6.2%	4.1%	5.9%	5.0%	10.9%	7.2%	8.2%	9.6%	7.5%	5.0%	-	7.5%
売上構成比			Composition of net sales	Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
自動車電池（国内）	Automotive Batteries (Japan)		21.7%	22.1%	22.3%	21.6%	18.9%	15.9%	16.1%	16.0%	18.2%	16.8%	17.3%	17.7%	17.0%	16.3%	15.8%	16.0%	18.0%	16.7%	16.6%	17.3%	16.7%	16.3%	-	-	16.9%
自動車電池（海外）	Automotive Batteries (Overseas)		45.2%	42.9%	41.0%	42.8%	43.2%	53.8%	50.0%	51.8%	46.6%	49.9%	42.3%	44.4%	47.8%	48.4%	49.2%	48.8%	42.2%	46.3%	41.1%	41.6%	44.9%	51.1%	-	-	43.9%
産業電池電源	Industrial Batteries and Power Supplies		18.1%	19.4%	21.4%	21.7%	23.0%	15.3%	18.1%	16.8%	18.9%	17.6%	22.2%	20.6%	18.9%	14.9%	15.8%	15.4%	22.1%	17.9%	23.7%	22.9%	19.5%	15.3%	-	-	20.3%
車載用リチウムイオン電池	Automotive Lithium-ion Batteries		10.9%	11.0%	10.7%	9.3%	11.0%	11.1%	12.1%	11.6%	12.8%	12.1%	14.1%	13.5%	12.6%	16.1%	15.5%	15.8%	14.4%	15.3%	14.4%	14.4%	15.1%	12.6%	-	-	15.3%
特殊電池およびその他	Specialized Batteries and Others		4.2%	4.6%	4.7%	4.6%	3.9%	3.9%	3.6%	3.8%	3.4%	3.6%	4.2%	3.8%	3.8%	4.3%	3.7%	4.0%	3.3%	3.7%	4.1%	3.7%	3.8%	4.7%	-	-	3.6%
前年比	Year-on-year comparison			FY17/FY16	FY18/FY17	FY19/FY18	FY20/FY19	FY21/FY20	FY22/FY21								FY23/FY22								FY24/FY23		
				実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	
				Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
																											As of May 10
自動車電池（国内）	売上高	Automotive Batteries (Japan)	Net sales	132.0%	102.5%	96.3%	95.0%	97.4%	99.4%	114.6%	106.9%	107.9%	107.3%	108.9%	108.4%	107.7%	110.8%	107.5%	109.1%	109.1%	109.1%	102.1%	105.7%	107.1%	106.3%	-	106.3%
	営業利益		Operating profit	108.2%	126.4%	89.8%	124.3%	67.8%	94.6%	104.3%	98.8%	99.3%	99.1%	144.1%	116.9%	111.4%	107.3%	143.7%	123.8%	122.3%	122.9%	123.9%	123.1%	123.3%	158.6%	-	99.1%
自動車電池（海外）	売上高	Automotive Batteries (Overseas)	Net sales	108.8%	95.4%	91.6%	101.9%	113.0%	134.0%	144.5%	139.1%	129.1%	135.4%	123.9%	126.5%	132.4%	97.3%	108.4%	102.9%	100.2%	102.0%	103.0%	101.6%	102.2%	111.7%	-	102.4%
	営業利益		Operating profit	85.7%	110.8%	92.6%	133.1%	81.5%	102.4%	222.3%	140.6%	148.2%	143.6%	109.8%	128.8%	133.9%	91.4%	157.8%	124.8%	139.4%	130.7%	56.3%	103.6%	113.3%	174.1%	-	109.1%
産業電池電源	売上高	Industrial Batteries and Power Supplies	Net sales	102.0%	107.8%	105.6%	99.4%	118.4%	85.8%	85.9%	85.9%	105.9%	92.9%	111.2%	108.7%	98.1%	105.2%	96.1%	100.0%	129.6%	111.9%	113.3%	120.7%	112.4%	109.1%	-	109.4%
	営業利益		Operating profit	84.6%	106.3%	117.0%	75.2%	83.8%	85.8%	244.1%	-374.4%	121.9%	160.8%	141.0%	134.0%	148.0%	-28.4%	107.1%	228.4%	189.4%	196.5%	127.8%	148.6%	154.2%	622.4%	-	98.6%
車載用リチウムイオン電池	売上高	Automotive Lithium-ion Batteries	Net sales	113.9%	101.8%	92.7%	85.1%	132.5%	138.7%	157.8%	148.5%	120.7%	136.1%	139.7%	130.0%	137.2%	157.5%	141.1%	148.5%	124.9%	139.1%	108.6%	116.2%	129.7%	82.6%	-	106.1%
	営業利益		Operating profit	2933.3%	22.7%	-569.3%	49.9%	-194.1%	233.5%	-2020.0%	104.0%	70.6%	75.0%	286.6%	122.0%	120.1%	114.1%	-147.5%	406.1%	214.1%	249.6%	20.8%	106.0%	133.4%	-464.8%	-	151.0%
特殊電池およびその他	売上高	Specialized Batteries and Others	Net sales	183.6%	110.7%	97.8%	94.9%	95.5%	105.6%	119.4%	112.2%	114.2%	112.9%	127.4%	121.2%	116.9%	119.0%	114.9%	108.1%	112.5%	103.1%	105.3%	109.7%	114.4%	-	-	97.5%
	営業利益		Operating profit	-41.1%	-262.7%	-42.7%	42.2%	425.7%	2.6%	-339.5%	58.6%	985.3%	327.8%	227.8%	435.2%	284.3%	8085.7%	376.0%	772.8%	140.2%	220.4%	147.0%	142.8%	194.8%	177.6%	-	93.5%
合計	売上高	Total	Net sales	114.3%	100.5%	95.8%	97.7%	111.8%	116.7%	124.2%	120.6%	118.3%	119.7%	120.1%	119.2%	119.8%	108.2%	110.1%	109.2%	110.8%	109.8%	105.9%	108.3%	108.7%	105.8%	0.0%	104.8%
	営業利益		Operating profit	99.5%	104.1%	95.5%	113.1%	88.1%	101.6%	190.8%	137.8%	126.6%	131.4%	139.8%	133.2%	134.5%	129.0%	162.0%	147.6%	153.2%	150.7%	101.0%	125.7%	131.7%	128.6%	-	105.4%

(億円、100 million yen)

地域別売上/Results by Region		FY17	FY18	FY19	FY20	FY21	FY22										FY23						FY24		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual										実績 Actual						実績 Actual	予想 Forecast	Forecast
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
日本	Japan	2,060	2,091	2,129	2,054	2,275	461	550	1,011	677	1,688	763	1,441	2,451	554	624	1,177	826	2,003	812	1,637	2,815	558	-	-
アジア	Asia	1,104	1,115	1,032	959	1,054	328	379	708	390	1,097	337	727	1,434	320	400	720	379	1,100	333	712	1,433	332	-	-
欧州	Europe	-	-	-	-	512	164	159	324	188	511	180	367	691	169	186	355	192	547	208	400	754	206	-	-
北米	North America	-	-	-	-	156	54	53	107	51	158	50	101	208	58	48	106	46	152	53	99	205	55	-	-
その他	Other	283	290	246	278	325	106	97	203	92	295	98	189	393	104	106	210	104	314	109	213	423	125	-	-
欧米	Europe and North America	662	635	548	574	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
売上高	Net sales	4,110	4,131	3,956	3,865	4,321	1,114	1,238	2,352	1,397	3,749	1,429	2,825	5,177	1,205	1,363	2,568	1,548	4,116	1,513	3,061	5,629	1,276	2,630	5,900

※特殊電池およびその他セグメントに含まれる「その他の収益」は便宜上「日本」に含んでいます。

\*\*"Other revenues" in the Specialized Batteries and Others segment are included in "Japan" for convenience.

売上構成比	Composition of net sales	Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
日本	Japan	50.1%	50.6%	53.8%	53.1%	52.6%	41.4%	44.4%	43.0%	48.5%	45.0%	53.4%	51.0%	47.3%	45.9%	45.8%	45.8%	53.3%	48.7%	53.6%	53.5%	50.0%	43.8%	-	-
アジア	Asia	26.9%	27.0%	26.1%	24.8%	24.4%	29.5%	30.6%	30.1%	27.9%	29.3%	23.6%	25.7%	27.7%	26.6%	29.4%	28.1%	24.5%	26.7%	22.0%	23.3%	25.5%	26.0%	-	-
欧州	Europe	-	-	-	-	11.8%	14.8%	12.9%	13.8%	13.4%	13.6%	12.6%	13.0%	13.3%	14.0%	13.6%	13.8%	12.4%	13.3%	13.7%	13.1%	13.4%	16.2%	-	-
北米	North America	-	-	-	-	3.6%	4.8%	4.3%	4.5%	3.6%	4.2%	3.5%	3.6%	4.0%	4.8%	3.5%	4.1%	2.9%	3.7%	3.5%	3.2%	3.6%	4.3%	-	-
その他	Other	6.9%	7.0%	6.2%	7.2%	7.5%	9.5%	7.8%	8.6%	6.6%	7.9%	6.9%	6.7%	7.6%	8.6%	7.7%	8.2%	6.7%	7.6%	7.2%	7.0%	7.5%	9.8%	-	-
欧米	Europe and North America	16.1%	15.4%	13.9%	14.8%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

前年比	Year-on-year comparison	FY17/FY16	FY18/FY17	FY19/FY18	FY20/FY19	FY21/FY20	FY22/FY21										FY23/FY22						FY24/FY23		
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
日本	欧米 Japan	117.1%	101.5%	101.8%	96.5%	110.7%	98.6%	105.0%	102.0%	106.3%	103.7%	118.0%	112.2%	107.8%	120.1%	113.4%	116.5%	121.9%	118.7%	106.3%	113.7%	114.8%	100.9%	-	-
アジア	Asia	110.4%	101.0%	92.6%	92.9%	109.9%	136.0%	159.1%	147.5%	131.2%	141.3%	121.6%	126.6%	136.1%	97.6%	105.4%	101.8%	97.4%	100.2%	98.8%	98.0%	99.9%	103.5%	-	-
欧州	Europe	-	-	-	-	-	130.2%	127.4%	128.8%	144.9%	134.3%	137.2%	141.0%	135.0%	102.6%	116.7%	109.5%	102.4%	106.9%	115.5%	108.8%	109.1%	122.2%	-	-
北米	North America	-	-	-	-	-	152.0%	150.0%	151.0%	128.1%	142.8%	110.7%	118.8%	133.4%	107.8%	90.5%	99.2%	89.7%	96.2%	105.7%	97.7%	98.5%	94.2%	-	-
その他	Other	114.7%	102.3%	85.0%	112.8%	116.9%	126.7%	129.7%	128.2%	118.8%	125.1%	109.7%	113.9%	120.9%	98.1%	108.6%	103.1%	113.8%	106.4%	111.0%	112.3%	107.6%	120.0%	-	-
欧米	Europe and North America	112.5%	95.8%	86.4%	104.6%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
売上高	Net sales	114.3%	100.5%	95.8%	97.7%	111.8%	116.7%	124.2%	120.6%	118.3%	119.7%	120.1%	119.2%	119.8%	108.2%	110.1%	109.2%	110.8%	109.8%	105.9%	108.3%	108.7%	105.8%	102.4%	104.8%

地域別有形固定資産/Property, plant and equipment by Region		FY17	FY18	FY19	FY20	FY21	FY22										FY23						FY24		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual										実績 Actual						実績 Actual	予想 Forecast	Forecast
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
日本	Japan	893	880	860	888	990	-	-	-	-	-	-	-	1,036	-	-	-	-	-	-	-	-	1,297	-	-
中国	China	-	117	136	147	101	-	-	-	-	-	-	-	90	-	-	-	-	-	-	-	-	0	-	-
アジア	Asia	292	185	187	208	227	-	-	-	-	-	-	-	252	-	-	-	-	-	-	-	-	278	-	-
欧米	Europe and North America	24	42	64	66	70	-	-	-	-	-	-	-	232	-	-	-	-	-	-	-	-	257	-	-
その他	Other	19	19	31	37	42	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	53	-	-
有形固定資産	Property, plant and equipment	1,228	1,242	1,279	1,345	1,430	-	-	-	-	-	-	-	1,650	-	-	-	-	-	-	-	-	1,886	-	-

※2009年度以前は資産です。

\*The figures for fiscal 2009 and earlier are assets.

(億円、100 million yen)

自動車電池（国内）事業/Automotive Batteries (Japan)		FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	Forecast
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
		As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10
日本	Japan	-	-	-	-	810	176	199	375	254	628	246	499	874	195	214	410	278	687	251	529	939	208	-	-
アジア	Asia	-	-	-	-	5	1	1	2	1	3	1	2	4	1	0	1	0	1	1	1	2	0	-	-
欧州	Europe	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-
北米	North America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
その他	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
売上高	Net sales	892	915	881	836	815	177	200	377	255	631	247	501	878	196	215	411	278	689	252	530	940	208	-	1,000
営業利益	Operating profit	61	78	70	87	59	10	8	18	25	42	23	48	65	10	11	22	30	52	29	59	81	16	-	80
(営業利益率)	(Operating profit ratio)	6.9%	8.5%	7.9%	10.4%	7.2%	5.4%	4.0%	4.7%	9.7%	6.7%	9.4%	9.6%	7.5%	5.2%	5.3%	5.3%	10.9%	7.6%	11.4%	11.1%	8.6%	7.8%	-	8.0%

※営業利益はのれん等償却前営業利益、営業利益率はのれん等償却前営業利益率です。

\*Operating income has been operating income before amortization of goodwill and the operating income ratio has been the operating income ratio before amortization of goodwill.

EBITDA	EBITDA	80	95	101	118	87	-	-	-	-	-	-	-	92	-	-	-	-	-	-	-	-	-	-	-	109	-	-	-
(EBITDAマージン)	(EBITDA margin)	9.0%	10.4%	11.5%	14.1%	10.7%	-	-	-	-	-	-	-	10.5%	-	-	-	-	-	-	-	-	-	-	-	11.6%	-	-	-

※EBITDAは営業利益+減価償却費です。

\*EBITDA is operating income + depreciation.

セグメント資産	Segment assets	543	579	581	598	612	-	-	-	-	-	-	-	637	-	-	-	-	-	-	-	-	-	-	-	662	-	-	-
(セグメント資産利益率)	(ROA)	11.3%	13.4%	12.0%	14.5%	9.6%	-	-	-	-	-	-	-	10.3%	-	-	-	-	-	-	-	-	-	-	-	12.2%	-	-	-
減価償却費	Depreciation	19	18	32	31	29	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-
減損損失	Impairment loss	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
持分法適用会社への投資額	Investment in equity-method affiliates	10	11	11	13	13	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
有形固定資産及び無形固定資産の増加額	Increase in property, plant and equipment and intangible assets	24	35	23	27	38	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-

※減価償却費は無形固定資産の償却費を含む値です。

\*Depreciation expenses include depreciation of intangible assets.

設備投資	Capital investment	24	36	22	25	38	-	-	9	-	-	-	19	28	-	-	13	-	-	-	19	32	-	-	-	35	-	-	-
研究開発費	Research and development expenses	26	22	24	19	18	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
(売上高研究開発費率)	(Ratio of R&D expenses to net sales)	1.0%	0.8%	1.0%	0.8%	0.7%	-	-	-	-	-	-	-	0.6%	-	-	-	-	-	-	-	-	-	-	0.6%	-	-	-	

※自動車電池（国内）と（海外）の研究開発費は、FY17以降は合算で算出しています。

\*Research and development expenses in the “Automotive Batteries (Japan)” and “Automotive Batteries (Overseas)” segments have been totaled since fiscal 2017.

従業員数（人）	Number of employees	1,205	1,223	1,221	1,281	1,287	-	-	-	-	-	-	-	1,249	-	-	-	-	-	-	-	-	-	-	-	1,257	-	-	-
---------	---------------------	-------	-------	-------	-------	-------	---	---	---	---	---	---	---	-------	---	---	---	---	---	---	---	---	---	---	---	-------	---	---	---

前年比	Year-on-year comparison	FY17/FY16	FY18/FY17	FY19/FY18	FY20/FY19	FY21/FY20	FY22/FY21								FY23/FY22								FY24/FY23			
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	Forecast	
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full	
		As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	As of May 10	
売上高	Net sales	132.0%	102.5%	96.3%	95.0%	97.4%	99.4%	114.6%	106.9%	107.9%	107.3%	108.9%	108.4%	107.7%	110.8%	107.5%	109.1%	109.1%	109.1%	102.1%	105.7%	107.1%	106.3%	-	-	106.3%
営業利益	Operating profit	108.2%	126.4%	89.8%	124.3%	67.8%	94.6%	104.3%	98.8%	99.3%	99.1%	144.1%	116.9%	111.4%	107.3%	143.7%	123.8%	122.3%	122.9%	123.9%	123.1%	123.3%	158.6%	-	-	99.1%

(億円、100 million yen)

自動車電池 (海外) 事業 / Automotive Batteries (Overseas)		FY17	FY18	FY19	FY20	FY21	FY22										FY23										FY24		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual										実績 Actual										実績 Actual	予想 Forecast	Forecast
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full				
日本	Japan	-	-	-	-	1	0	0	0	0	1	1	1	2	0	1	2	-1	1	1	-0	1	1	-	-				
アジア	Asia	-	-	-	-	979	310	355	665	366	1,031	319	684	1,350	302	378	680	355	1,035	312	667	1,347	313	-	-				
欧州	Europe	-	-	-	-	481	152	140	292	165	458	156	321	614	146	160	306	167	473	170	337	643	176	-	-				
北米	North America	-	-	-	-	96	33	28	62	29	91	32	62	123	33	29	62	28	91	33	61	124	40	-	-				
その他	Other	-	-	-	-	310	103	96	199	90	289	96	186	385	103	102	204	103	307	106	209	413	122	-	-				
売上高	Net sales	1,856	1,771	1,621	1,653	1,867	600	619	1,218	651	1,869	604	1,255	2,473	584	671	1,254	652	1,907	622	1,274	2,529	652	-	2,590				
営業利益	Operating profit	90	99	92	122	100	30	31	61	41	102	31	73	133	28	48	76	58	134	18	75	151	48	-	165				
(営業利益率)	(Operating profit ratio)	4.8%	5.6%	5.7%	7.4%	5.3%	5.0%	5.0%	5.0%	6.3%	5.5%	5.2%	5.8%	5.4%	4.7%	7.2%	6.1%	8.8%	7.0%	2.8%	5.9%	6.0%	7.4%	-	6.4%				

※営業利益はのれん等償却前営業利益、営業利益率はのれん等償却前営業利益率です。

\*Operating income has been operating income before amortization of goodwill and the operating income ratio has been the operating income ratio before amortization of goodwill.

のれん等償却前営業利益 (経インフレ会計適用前)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	52	-	191
(のれん等償却前営業利益率)	(Operating profit before amortization of goodwill ratio)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0%	8.0%	-	7.4%

EBITDA	EBITDA	131	139	136	167	149	-	-	-	-	-	-	-	201	-	-	-	-	-	-	-	-	-	-	226	-	-	-
(EBITDAマージン)	(EBITDA margin)	7.1%	7.9%	8.4%	10.1%	8.0%	-	-	-	-	-	-	-	8.1%	-	-	-	-	-	-	-	-	-	-	8.9%	-	-	-

※EBITDAは営業利益+減価償却費です。

\*EBITDA is operating income + depreciation.

セグメント資産	Segment assets	1,580	1,500	1,482	1,679	1,864	-	-	-	-	-	-	-	2,148	-	-	-	-	-	-	-	-	-	-	2,275	-	-	-
(セグメント資産利益率)	(ROA)	5.7%	6.6%	6.2%	7.3%	5.3%	-	-	-	-	-	-	-	6.2%	-	-	-	-	-	-	-	-	-	-	6.6%	-	-	-
減価償却費	Depreciation	42	40	44	45	49	-	-	-	-	-	-	-	67	-	-	-	-	-	-	-	-	-	-	75	-	-	-
減損損失	Impairment loss	-	10	-	-	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
持分法適用会社への投資額	Investment in equity-method affiliates	301	286	290	319	340	-	-	-	-	-	-	-	367	-	-	-	-	-	-	-	-	-	-	430	-	-	-
有形固定資産及び無形固定資産の増加額	Increase in property, plant and equipment and intangible assets	64	72	55	43	53	-	-	-	-	-	-	-	110	-	-	-	-	-	-	-	-	-	-	73	-	-	-

※減価償却費は無形固定資産の償却費を含む値です。

\*Depreciation expenses include depreciation of intangible assets.

設備投資	Capital investment	63	67	55	51	53	-	-	27	-	-	-	83	110	-	-	34	-	-	-	39	73	-	-	75			
研究開発費	Research and development expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(売上高研究開発費率)	(Ratio of R&D expenses to net sales)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

※自動車電池 (国内) と (海外) の研究開発費は、FY17以降は合算で算出しています。

\*Research and development expenses in the "Automotive Batteries (Japan)" and "Automotive Batteries (Overseas)" segments have been totaled since fiscal 2017.

従業員数 (人)	Number of employees	10,273	9,745	8,491	8,193	8,096	-	-	-	-	-	-	-	8,879	-	-	-	-	-	-	-	-	-	-	7,643	-	-	-
----------	---------------------	--------	-------	-------	-------	-------	---	---	---	---	---	---	---	-------	---	---	---	---	---	---	---	---	---	---	-------	---	---	---

前年比	Year-on-year comparison	FY17/FY16	FY18/FY17	FY19/FY18	FY20/FY19	FY21/FY20	FY22/FY21										FY23/FY22										FY24/FY23		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual										実績 Actual										実績 Actual	予想 Forecast	Forecast
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full				
売上高	Net sales	108.8%	95.4%	91.6%	101.9%	113.0%	134.0%	144.5%	139.1%	129.1%	135.4%	123.9%	126.5%	132.4%	97.3%	108.4%	102.9%	100.2%	102.0%	103.0%	101.6%	102.2%	111.7%	-	102.4%				
営業利益	Operating profit	85.7%	110.8%	92.6%	133.1%	81.5%	102.4%	222.3%	140.6%	148.2%	143.6%	109.8%	128.8%	133.9%	91.4%	157.8%	124.8%	139.4%	130.7%	56.3%	103.6%	113.3%	174.1%	-	109.1%				

※1 自動車電池事業 (海外) には従来より取り扱う海外産業用電池の取引高の一部を含んでいましたが、2018年度より、産業電池電源事業に変更しています。2017年度の売上高および営業利益は、変更後の報告セグメントにより記載しています。

\*1 The "automotive batteries (overseas)" segment previously included a portion of transaction amounts for industrial batteries handled overseas, but as of fiscal 2018, the category was changed to "industrial batteries and power supplies." Net sales and operating income for fiscal 2017 are indicated for the reporting segments after the change

※2 2019年度に自動車電池事業 (海外) の一部連結子会社を産業電池電源事業へ変更しました。それに伴い、2018年度の数値を変更後のセグメント区分に組み替えて記載しています。

\*2 In fiscal 2019, some consolidated subsidiaries in the "automotive batteries (overseas)" segment were shifted to the "industrial batteries and power supplies" segment. Accordingly, the figures for fiscal 2018 have been reclassified to reflect the revised segment categories.

(億円、100 million yen)

産業電池電源事業 / Industrial Batteries and Power Supplies		FY17	FY18	FY19	FY20	FY21	FY22										FY23										FY24		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual										実績 Actual										実績 Actual	Forecast	Forecast
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full				
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full				
日本	Japan	-	-	-	-	853	130	174	304	218	522	278	496	800	134	172	306	300	606	315	615	921	159	-	-				
アジア	Asia	-	-	-	-	68	17	23	40	23	62	17	40	80	17	21	39	23	61	20	43	82	17	-	-				
欧州	Europe	-	-	-	-	3	1	3	4	3	7	2	5	9	2	1	3	3	6	2	5	8	2	-	-				
北米	North America	-	-	-	-	56	19	23	42	20	62	17	37	79	24	17	42	16	57	20	35	77	14	-	-				
その他	Other	-	-	-	-	15	3	2	5	2	6	2	3	8	2	4	5	1	7	2	4	9	3	-	-				
売上高	Net sales	742	800	846	840	995	170	225	395	264	659	317	581	976	179	216	395	342	737	359	702	1,097	195	-	1,200				
営業利益	Operating profit	74	78	92	69	58	-5	11	6	27	33	53	80	85	2	12	14	51	64	67	118	132	9	-	130				
(営業利益率)	(Operating profit ratio)	9.9%	9.8%	10.8%	8.2%	5.8%	-3.1%	5.1%	1.5%	10.2%	5.0%	16.6%	13.7%	8.8%	0.8%	5.6%	3.5%	14.8%	8.7%	18.8%	16.8%	12.0%	4.8%	-	10.8%				
EBITDA	EBITDA	86	94	108	86	74	-	-	-	-	-	-	-	102	-	-	-	-	-	-	-	-	151	-	-	-			
(EBITDAマージン)	(EBITDA margin)	11.6%	11.8%	12.8%	10.2%	7.4%	-	-	-	-	-	-	-	10.5%	-	-	-	-	-	-	-	-	13.8%	-	-	-			

※EBITDAは営業利益+減価償却費です。

\*EBITDA is operating income + depreciation.

セグメント資産	Segment assets	412	528	572	566	729	-	-	-	-	-	-	-	738	-	-	-	-	-	-	-	-	-	-	-	752	-	-	-
(セグメント資産利益率)	(ROA)	17.9%	14.8%	16.0%	12.2%	7.9%	-	-	-	-	-	-	-	11.6%	-	-	-	-	-	-	-	-	-	-	-	17.5%	-	-	-
減価償却費	Depreciation	13	16	17	17	16	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-
減損損失	Impairment loss	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-
持分法適用会社への投資額	Investment in equity-method affiliates	1	5	3	3	5	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-
有形固定資産及び無形固定資産の増加額	Increase in property, plant and equipment and intangible assets	11	19	19	14	13	-	-	-	-	-	-	-	42	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-

※減価償却費は無形固定資産の償却費を含む値です。

\*Depreciation expenses include depreciation of intangible assets.

設備投資	Capital investment	11	21	17	14	13	-	-	19	-	-	-	23	42	-	-	6	-	-	-	-	-	-	-	15	20	-	-	50
研究開発費	Research and development expenses	21	24	23	21	26	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-
(売上高研究開発費率)	(Ratio of R&D expenses to net sales)	2.8%	2.9%	2.7%	2.5%	2.6%	-	-	-	-	-	-	2.7%	-	-	-	-	-	-	-	-	-	-	-	3.7%	-	-	-	

従業員数 (人)	Number of employees	1,544	1,528	2,046	1,973	2,354	-	-	-	-	-	-	-	2,319	-	-	-	-	-	-	-	-	-	-	-	2,094	-	-	-
----------	---------------------	-------	-------	-------	-------	-------	---	---	---	---	---	---	---	-------	---	---	---	---	---	---	---	---	---	---	---	-------	---	---	---

前年比	Year-on-year comparison	FY17/FY16	FY18/FY17	FY19/FY18	FY20/FY19	FY21/FY20	FY22/FY21										FY23/FY22										FY24/FY23		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual										実績 Actual										実績 Actual	Forecast	Forecast
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full				
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full				
売上高	Net sales	102.0%	107.8%	105.6%	99.4%	118.4%	85.8%	85.9%	85.9%	105.9%	92.9%	111.2%	108.7%	98.1%	105.2%	96.1%	100.0%	129.6%	111.9%	113.3%	120.7%	112.4%	109.1%	-	109.4%				
営業利益	Operating profit	84.6%	106.3%	117.0%	75.2%	83.8%	85.8%	244.1%	-374.4%	121.9%	160.8%	141.0%	134.0%	148.0%	-28.4%	107.1%	228.4%	189.4%	196.5%	127.8%	148.6%	154.2%	622.4%	-	98.6%				

※1 自動車電池事業 (海外) には従来より取り扱う海外産業用電池の取引高の一部を含んでいましたが、2018年度より、産業電池電源事業に変更しています。2017年度の売上高および営業利益は、変更後の報告セグメントにより記載しています。

\*1 The "automotive batteries (overseas)" segment previously included a portion of transaction amounts for industrial batteries handled overseas, but as of fiscal 2018, the category was changed to "industrial batteries and power supplies." Net sales and operating income for fiscal 2017 are indicated for the reporting segments after the change

※2 2019年度に自動車電池事業 (海外) の一部連結子会社を産業電池電源事業へ変更しました。それに伴い、2018年度の数値を変更後のセグメント区分に組み替えて記載しています。

\*2 In fiscal 2019, some consolidated subsidiaries in the "automotive batteries (overseas)" segment were shifted to the "industrial batteries and power supplies" segment. Accordingly, the figures for fiscal 2018 have been reclassified to reflect the revised segment categories.

※3 2023年度より、従来「産業電池電源」に含まれていた一部の連結子会社について、「特殊電池およびその他」に変更しております。2022年度は、変更後のセグメントにより記載しております。

\*3 Some consolidated subsidiaries in the "Industrial Batteries and Power Supplies" segment were transferred to the "Specialized Batteries and Others" segment in fiscal 2023. In conjunction with this change, figures for fiscal 2022 were restated according to the modified segments.

(億円、100 million yen)

車載用リチウムイオン電池事業 / Automotive Lithium-ion Batteries		FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	As of May 10
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
日本	Japan	-	-	-	-	458	116	137	253	163	416	183	346	599	180	192	371	206	578	188	395	766	137	-	-
アジア	Asia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
欧州	Europe	-	-	-	-	19	8	13	21	16	37	18	34	55	15	20	34	17	52	30	47	82	24	-	-
北米	North America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
その他	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
売上高	Net sales	448	456	423	360	476	124	150	273	179	452	201	380	654	195	211	406	224	629	218	442	848	161	-	900
営業利益	Operating profit	13	3	-17	-9	17	4	-2	2	8	10	10	18	20	4	3	7	17	24	2	19	26	-20	-	40
(営業利益率)	(Operating profit ratio)	2.9%	0.7%	-4.0%	-2.4%	3.5%	3.1%	-1.3%	0.7%	4.4%	2.2%	5.0%	4.7%	3.0%	2.2%	1.4%	1.8%	7.6%	3.9%	1.0%	4.3%	3.1%	-12.6%	-	4.4%
EBITDA	EBITDA	65	47	16	27	49	-	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-	-	-
(EBITDAマージン)	(EBITDA margin)	14.6%	10.3%	3.7%	7.4%	10.4%	-	-	-	-	-	-	-	9.3%	-	-	-	-	-	-	-	-	-	-	-

※EBITDAは営業利益+減価償却費です。

\*EBITDA is operating income + depreciation.

セグメント資産	Segment assets	454	479	493	526	629	-	-	-	-	-	-	-	703	-	-	-	-	-	-	-	-	-	-	-
(セグメント資産利益率)	(ROA)	2.9%	0.6%	-3.5%	-1.6%	2.6%	-	-	-	-	-	-	-	2.8%	-	-	-	-	-	-	-	-	-	-	-
減価償却費	Depreciation	52	44	33	35	33	-	-	-	-	-	-	-	41	-	-	-	-	-	-	-	-	-	-	-
減損損失	Impairment loss	-	-	-	28	-	-	-	-	-	-	-	-	29	-	-	-	-	-	-	-	-	-	-	-
持分法適用会社への投資額	Investment in equity-method affiliates	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
有形固定資産及び無形固定資産の増加額	Increase in property, plant and equipment and intangible assets	14	50	47	42	116	-	-	-	-	-	-	-	72	-	-	-	-	-	-	-	-	-	-	-

※減価償却費は無形固定資産の償却費を含む値です。

\*Depreciation expenses include depreciation of intangible assets.

設備投資	Capital investment	13	52	50	56	110	-	-	47	-	-	-	25	72	-	-	50	-	-	-	-	100	150	-	-	105
研究開発費	Research and development expenses	61	50	44	69	77	-	-	-	-	-	-	-	77	-	-	-	-	-	-	-	-	76	-	-	-
うちHGVB	/ HGVB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
(売上高研究開発費率)	(Ratio of R&D expenses to net sales)	13.6%	11.0%	10.3%	19.2%	16.2%	-	-	-	-	-	-	-	11.8%	-	-	-	-	-	-	-	-	9.0%	-	-	-

従業員数 (人)	Number of employees	504	363	397	405	370	-	-	-	-	-	-	-	403	-	-	-	-	-	-	-	-	-	-	-	482
----------	---------------------	-----	-----	-----	-----	-----	---	---	---	---	---	---	---	-----	---	---	---	---	---	---	---	---	---	---	---	-----

前年比	Year-on-year comparison	FY17/FY16	FY18/FY17	FY19/FY18	FY20/FY19	FY21/FY20	FY22/FY21								FY23/FY22								FY24/FY23		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	As of May 10
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
売上高	Net sales	113.9%	101.8%	92.7%	85.1%	132.5%	138.7%	157.8%	148.5%	120.7%	136.1%	139.7%	130.0%	137.2%	157.5%	141.1%	148.5%	124.9%	139.1%	108.6%	116.2%	129.7%	82.6%	-	106.1%
営業利益	Operating profit	2933.3%	22.7%	-569.3%	49.9%	-194.1%	233.5%	-2020.0%	104.0%	70.6%	75.0%	286.6%	122.0%	120.1%	114.1%	-147.5%	406.1%	214.1%	249.6%	20.8%	106.0%	133.4%	-464.8%	-	151.0%

個別売上高・営業利益	Sales and operating income by individual company	FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24			
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	As of May 10	
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full	
BEC 売上高	Net sales	171	138	142	219	314	-	-	-	-	-	-	-	435	-	-	-	-	-	-	-	-	-	-	-	587
営業利益	Operating profit	20	18	4	23	33	-	-	-	-	-	-	-	36	-	-	-	-	-	-	-	-	-	-	-	10
(営業利益率)	(Operating profit ratio)	11.8%	12.8%	2.8%	10.6%	10.7%	-	-	-	-	-	-	-	8.4%	-	-	-	-	-	-	-	-	-	-	-	1.8%
LEJ 売上高	Net sales	283	327	287	219	253	-	-	-	-	-	-	-	211	-	-	-	-	-	-	-	-	-	-	-	-
営業利益	Operating profit	3	2	2	4	13	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-
(営業利益率)	(Operating profit ratio)	0.9%	0.5%	0.6%	1.6%	5.1%	-	-	-	-	-	-	-	7.4%	-	-	-	-	-	-	-	-	-	-	-	-

※BECは株式会社ブルーエナジー、LEJは株式会社リチウムエナジー ジャパンの略です。

\*BEC : Blue Energy Co., Ltd. / LEJ : Lithium Energy Japan Ltd



(億円、100 million yen)

特殊電池およびその他事業 / Specialized Batteries and Others		FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	As of May 10
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
日本	Japan	-	-	-	-	153	39	40	79	43	121	55	98	177	44	44	88	44	132	55	99	187	54	-	-
アジア	Asia	-	-	-	-	3	0	0	1	0	1	0	0	1	0	0	1	1	2	1	1	2	0	-	-
欧州	Europe	-	-	-	-	9	3	4	7	3	10	3	7	14	7	5	11	5	16	6	11	22	4	-	-
北米	North America	-	-	-	-	3	1	2	3	1	4	1	2	5	1	1	2	1	3	1	2	4	1	-	-
その他	Other	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
売上高	Net sales	171	189	185	176	168	44	45	89	48	136	60	108	196	52	50	102	51	154	62	113	215	60	-	210
営業利益	Operating profit	3	-8	3	1	6	0	1	1	9	11	6	15	16	6	5	11	13	24	8	22	32	10	-	30
営業利益率	(Operating profit ratio)	1.7%	-4.0%	1.7%	0.8%	3.4%	0.2%	2.9%	1.5%	19.7%	7.9%	9.6%	14.0%	8.4%	10.9%	9.7%	10.3%	25.5%	15.4%	13.7%	19.0%	14.9%	16.9%	-	14.3%

※特殊電池およびその他セグメントに含まれる「その他の収益」は便宜上「日本」に含んでいます。

\*“Other revenues” in the Specialized Batteries and Others segment are included in “Japan” for convenience.

EBITDA	EBITDA	59	53	55	53	61	-	-	-	-	-	-	-	74	-	-	-	-	-	-	-	-	-	-	89	-	-	-
(EBITDAマージン)	(EBITDA margin)	34.4%	27.9%	29.6%	30.4%	36.4%	-	-	-	-	-	-	-	37.9%	-	-	-	-	-	-	-	-	-	-	41.4%	-	-	-

※EBITDAは営業利益+減価償却費です。

\*EBITDA is operating income + depreciation.

セグメント資産	Segment assets	923	756	726	950	973	-	-	-	-	-	-	-	1,184	-	-	-	-	-	-	-	-	-	-	1,960	-	-	-
(セグメント資産利益率)	(ROA)	0.3%	-1.0%	0.4%	0.1%	0.6%	-	-	-	-	-	-	-	1.4%	-	-	-	-	-	-	-	-	-	-	1.6%	-	-	-
減価償却費	Depreciation	56	60	52	52	55	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	-	57	-	-	-
減損損失	Impairment loss	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
持分法適用会社への投資額	Investment in equity-method affiliates	-	-	24	31	36	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	14	-	-	-
有形固定資産及び無形固定資産の増加額	Increase in property, plant and equipment and intangible assets	46	24	55	65	79	-	-	-	-	-	-	-	77	-	-	-	-	-	-	-	-	-	-	218	-	-	-

※減価償却費は無形固定資産の償却費を含む値です。

\*Depreciation expenses include depreciation of intangible assets.

設備投資	Capital investment	42	39	38	85	72	-	-	37	-	-	-	39	77	-	-	49	-	-	-	-	-	-	-	169	218	-	-	535
研究開発費	Research and development expenses	4	3	4	3	3	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	3	-	-	-	
(売上高研究開発費率)	(Ratio of R&D expenses to net sales)	2.4%	1.8%	2.1%	1.6%	1.7%	-	-	-	-	-	-	-	2.2%	-	-	-	-	-	-	-	-	-	-	1.5%	-	-	-	

従業員数 (人)	Number of employees	1,059	1,358	1,387	1,453	1,464	-	-	-	-	-	-	-	1,467	-	-	-	-	-	-	-	-	-	-	1,416	-	-	-
----------	---------------------	-------	-------	-------	-------	-------	---	---	---	---	---	---	---	-------	---	---	---	---	---	---	---	---	---	---	-------	---	---	---

前年比	Year-on-year comparison	FY17/FY16	FY18/FY17	FY19/FY18	FY20/FY19	FY21/FY20	FY22/FY21								FY23/FY22								FY24/FY23		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	As of May 10
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
売上高	Net sales	183.6%	110.7%	97.8%	94.9%	95.5%	105.6%	119.4%	112.2%	114.2%	112.9%	127.4%	121.2%	116.9%	119.0%	110.9%	114.9%	108.1%	112.5%	103.1%	105.3%	109.7%	114.4%	-	97.5%
営業利益	Operating profit	-41.1%	-262.7%	-42.7%	42.2%	425.7%	2.6%	-339.5%	58.6%	985.3%	327.8%	227.8%	435.2%	284.3%	8085.7%	376.0%	772.8%	140.2%	220.4%	147.0%	142.8%	194.8%	177.6%	-	93.5%

※2023年度より、従来「産業電池電源」に含まれていた一部の連結子会社について、「特殊電池およびその他」に変更しております。2022年度は、変更後のセグメントにより記載しております。

\*Some consolidated subsidiaries in the “Industrial Batteries and Power Supplies” segment were transferred to the “Specialized Batteries and Others” segment in fiscal 2023. In conjunction with this change, figures for fiscal 2022 were restated according to the modified segments.

(億円、100 million yen)

Table for Factors for Operating Income Change (year-on-year comparison) with columns for FY17-FY20 and FY22-FY23, and rows for Operating profit and various cost components like Quantity, Raw material price, etc.

Table for 自動車電池 (国内) 事業 / Automotive Batteries (Japan) with columns for FY17-FY20 and FY22-FY23, and rows for Operating profit and various cost components.

Table for 自動車電池 (海外) 事業 / Automotive Batteries (Overseas) with columns for FY17-FY20 and FY22-FY23, and rows for Operating profit and various cost components.

Table for 産業電池電源事業 / Industrial Batteries and Power Supplies with columns for FY17-FY20 and FY22-FY23, and rows for Operating profit and various cost components.

Table for 車載用リチウムイオン電池事業 / Automotive Lithium-Ion Batteries with columns for FY17-FY20 and FY22-FY23, and rows for Operating profit and various cost components.

※1 自動車電池事業 (海外) には従来より取り扱う海外産業用電池の取引額の一部を含んでいましたが、2018年度より、産業電池電源事業に変更しています。

\*1 The "Automotive batteries (overseas)" segment previously included a portion of transaction amounts for industrial batteries handled overseas, but as of fiscal 2018, the category was changed to "Industrial batteries and power supplies."

\*2 2019年度、自動車電池事業 (海外) の一部連結子会社を産業電池電源事業へ変更しました。それに伴い、2018年度の数値を変更後のセグメント区分に組み替えて記載しています。

\*2 In fiscal 2019, some consolidated subsidiaries in the "Automotive batteries (overseas)" segment were shifted to the "Industrial batteries and power supplies" segment. Accordingly, the figures for fiscal 2018 have been reclassified to reflect the revised segment categories.

※3 上記※1、※2に伴いFY17/FY16、FY18/FY17に営業利益 (前年差) はセグメント区分の変更により修正しておりますが、修正前の値を記載しております。

\*3 Operating profit (year-on-year comparison) has been revised for FY17 / FY16 and FY18 / FY17 due to the change in segment classification due to the above \* 1 and \* 2, but the values before the revision are shown.

※4 自動車電池 (国内) 事業のFY21/FY20の営業利益 (前年差) は会計基準の変更により修正しておりますが、修正前の値を記載しております。

\*4 The operating profit (year-on-year comparison) of FY21 / FY20 in the automobile battery (domestic) business has been revised due to changes in accounting standards, but the values before the revision are shown.

※5 2023年度より、従来「産業電池電源」に含まれていた一部の連結子会社について、「特殊電池およびその他」に変更しております。2022年度は、変更後のセグメントにより記載しております。

\*5 Some consolidated subsidiaries in the "Industrial Batteries and Power Supplies" segment were transferred to the "Specialized Batteries and Others" segment in fiscal 2023. In conjunction with this change, figures for fiscal 2022 were restated according to the modified segments.

※6 増減要因については訴求修正しておりません。

\*6 No revisions have been made to the reasons for the increase or decrease.

(億円、100 million yen)

連結貸借対照表／Consolidated Balance Sheets		FY17	FY18	FY19	FY20	FY21	FY22							FY23							FY24				
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual							実績 Actual							実績 Actual	予想 Forecast	Forecast		
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
資産	Assets																								
流動資産	Current assets																								
現金及び預金	Cash and deposits	189	236	252	363	259	315	-	260	-	252	-	363	376	-	280	-	642	-	-	639	674	-	-	
受取手形、売掛金及び契約資産	Notes and accounts receivable - trade, and contract assets	799	702	687	743	854	782	-	859	-	910	-	976	845	-	907	-	1,030	-	-	1,038	881	-	-	
電子記録債権	Electronically recorded monetary claims - operating	-	42	69	50	72	63	-	58	-	79	-	69	69	-	67	-	78	-	-	74	55	-	-	
売上債権	Accounts receivable	799	744	756	793	926	845	-	917	-	990	-	1,044	914	-	974	-	1,108	-	-	1,112	936	-	-	
有価証券	Securities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
商品及び製品	Merchandise and finished goods	378	371	359	372	550	669	-	677	-	652	-	601	668	-	713	-	620	-	-	602	699	-	-	
仕掛品	Work in process	166	169	147	150	192	239	-	241	-	223	-	218	249	-	254	-	264	-	-	227	256	-	-	
原材料及び貯蔵品	Raw materials and supplies	153	139	137	157	188	256	-	263	-	283	-	281	280	-	285	-	290	-	-	321	344	-	-	
棚卸資産	Inventory	697	678	643	679	931	1,164	-	1,182	-	1,158	-	1,101	1,196	-	1,251	-	1,173	-	-	1,150	1,299	-	-	
その他流動資産	Other current assets	140	102	106	109	148	196	-	135	-	143	-	153	173	-	146	-	241	-	-	268	289	-	-	
流動資産合計	Total current assets	1,826	1,760	1,757	1,943	2,263	2,520	-	2,494	-	2,542	-	2,661	2,658	-	2,650	-	3,163	-	-	3,169	3,198	-	3,250	
固定資産	Non-current assets																								
有形固定資産	Property, plant and equipment																								
建物及び構築物（純額）	Buildings and structures, net	504	548	517	528	563	606	-	609	-	595	-	601	596	-	595	-	571	-	-	670	680	-	-	
機械装置及び運搬具（純額）	Machinery, equipment and vehicles, net	350	334	329	387	371	440	-	429	-	445	-	510	497	-	508	-	465	-	-	519	531	-	-	
土地	Land	240	224	221	227	233	242	-	245	-	240	-	284	281	-	292	-	357	-	-	365	394	-	-	
建設仮勘定	Construction in progress	79	85	114	97	153	130	-	173	-	162	-	110	167	-	177	-	208	-	-	185	197	-	-	
その他有形固定資産	Other property, plant and equipment	54	52	97	106	110	112	-	115	-	110	-	145	150	-	160	-	136	-	-	148	151	-	-	
有形固定資産合計	Total property, plant and equipment	1,228	1,242	1,279	1,345	1,430	1,531	-	1,572	-	1,551	-	1,650	1,691	-	1,731	-	1,737	-	-	1,886	1,953	-	-	
無形固定資産	Intangible assets																								
のれん	Goodwill	43	33	20	7	0	44	-	43	-	40	-	12	10	-	12	-	10	-	-	10	11	-	-	
その他無形固定資産	Other intangible assets	79	70	44	38	29	29	-	28	-	27	-	40	37	-	39	-	37	-	-	40	41	-	-	
無形固定資産合計	Total intangible assets	122	104	64	44	29	74	-	71	-	67	-	52	47	-	51	-	47	-	-	51	52	-	-	
投資その他の資産	Investments and other assets																								
投資有価証券	Investment securities	567	561	537	643	663	655	-	655	-	654	-	633	687	-	733	-	727	-	-	774	759	-	-	
その他の投資その他の資産	Other investments and other assets	169	176	217	342	422	439	-	444	-	437	-	412	422	-	427	-	426	-	-	687	694	-	-	
投資その他の資産合計	Total investments and other assets	736	736	754	986	1,085	1,094	-	1,099	-	1,091	-	1,045	1,109	-	1,161	-	1,153	-	-	1,461	1,453	-	-	
固定資産合計	Total non-current assets	2,087	2,082	2,096	2,375	2,544	2,699	-	2,742	-	2,709	-	2,748	2,848	-	2,943	-	2,937	-	-	3,397	3,457	-	3,660	
繰延資産	Deferred assets	1	1	1	1	0	0	-	0	-	0	-	0	0	-	0	-	0	-	-	0	0	-	-	
資産合計	Total assets	3,913	3,842	3,854	4,319	4,808	5,220	-	5,236	-	5,252	-	5,409	5,506	-	5,593	-	6,100	-	-	6,567	6,655	-	6,910	

連結貸借対照表／Consolidated Balance Sheets		FY17		FY18		FY19		FY20		FY21		FY22						FY23						FY24											
		実績	Actual	実績	Actual	実績	Actual	実績	Actual	実績	Actual	実績 Actual						実績 Actual						実績	Actual	予想	Forecast								
		Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full					
		As of May 10																																	
負債	Liabilities																																		
流動負債	Current liabilities																																		
支払手形及び買掛金	Notes and accounts payable - trade	365	352	308	347	442	560	-	532	-	541	-	-	517	539	-	550	-	536	-	-	586	602	-	-	-	-	-	-	-	-	-	-		
電子記録債務	Electronically recorded obligations - operating	151	171	149	164	199	193	-	197	-	230	-	-	253	254	-	279	-	317	-	-	331	273	-	-	-	-	-	-	-	-	-	-		
設備関係支払手形	Notes payable - facilities	1	10	4	4	3	6	-	4	-	3	-	-	2	2	-	1	-	2	-	-	1	3	-	-	-	-	-	-	-	-	-	-		
設備関係電子記録債務	Electronically recorded obligations - facilities	-	-	20	33	68	69	-	68	-	67	-	-	35	76	-	80	-	35	-	-	114	152	-	-	-	-	-	-	-	-	-	-		
仕入債務	Trade payables	518	533	480	547	711	828	-	802	-	841	-	-	807	871	-	911	-	890	-	-	1,031	1,029	-	-	-	-	-	-	-	-	-	-		
短期借入金	Short-term borrowings	175	99	148	134	188	268	-	408	-	412	-	-	423	451	-	417	-	361	-	-	262	318	-	-	-	-	-	-	-	-	-	-		
1年内償還予定の社債	Current portion of bonds payable	-	-	-	-	-	-	-	-	-	-	-	-	100	100	-	100	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1年内償還予定の新株予約権付社債	Current portion of bonds with subscription rights to shares	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
コマーシャル・ペーパー	Commercial papers	-	30	-	-	20	110	-	60	-	85	-	-	-	-	55	-	200	-	-	100	145	-	-	-	-	-	-	-	-	-	-	-		
未払金	Accounts payable - other	88	108	100	160	120	102	-	105	-	93	-	-	142	113	-	98	-	110	-	-	143	102	-	-	-	-	-	-	-	-	-	-		
未払法人税等	Income taxes payable	30	32	38	48	29	25	-	29	-	29	-	-	41	23	-	32	-	32	-	-	24	24	-	-	-	-	-	-	-	-	-	-		
未払金等	Accounts payable, etc.	118	141	138	207	149	127	-	135	-	123	-	-	183	136	-	130	-	142	-	-	167	126	-	-	-	-	-	-	-	-	-	-		
その他流動負債	Other current liabilities	186	165	254	189	226	233	-	223	-	214	-	-	239	269	-	249	-	316	-	-	324	306	-	-	-	-	-	-	-	-	-	-		
流動負債合計	Total current liabilities	1,247	967	1,020	1,078	1,294	1,565	-	1,628	-	1,775	-	-	1,753	1,826	-	1,862	-	2,010	-	-	1,885	1,925	-	-	-	-	-	-	-	-	-	-		
固定負債	Non-current liabilities																																		
社債	Bonds payable	100	200	200	200	200	200	-	200	-	100	-	-	100	100	-	100	-	-	-	100	100	-	-	-	-	-	-	-	-	-	-	-		
転換社債型新株予約権付社債	Convertible bonds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
長期借入金	Long-term borrowings	227	340	298	320	417	421	-	380	-	377	-	-	414	354	-	302	-	301	-	-	300	300	-	-	-	-	-	-	-	-	-	-		
その他固定負債	Other non-current liabilities	283	258	283	375	398	412	-	406	-	394	-	-	433	455	-	462	-	459	-	-	543	534	-	-	-	-	-	-	-	-	-	-		
固定負債合計	Total non-current liabilities	610	798	781	895	1,014	1,033	-	986	-	871	-	-	947	908	-	865	-	759	-	-	943	934	-	-	-	-	-	-	-	-	-	-		
負債合計	Total liabilities	1,857	1,765	1,801	1,973	2,308	2,599	-	2,613	-	2,645	-	-	2,700	2,734	-	2,726	-	2,769	-	-	2,828	2,859	-	-	-	-	-	-	-	-	-	-	-	
純資産	Net assets																																		
株主資本	Shareholders' equity																																		
資本金	Share capital	330	330	330	330	330	330	-	330	-	330	-	-	330	330	-	330	-	528	-	-	528	528	-	-	-	-	-	-	-	-	-	-	-	
資本剰余金	Capital surplus	553	553	553	553	553	553	-	553	-	553	-	-	532	532	-	532	-	739	-	-	740	740	-	-	-	-	-	-	-	-	-	-	-	
利益剰余金	Retained earnings	668	777	872	959	937	911	-	922	-	967	-	-	1,035	1,023	-	1,066	-	1,172	-	-	1,315	1,298	-	-	-	-	-	-	-	-	-	-	-	
自己株式	Treasury shares	-14	-23	-37	-47	-4	-4	-	-3	-	-3	-	-	-3	-3	-	-3	-	-3	-	-	-3	-3	-	-	-	-	-	-	-	-	-	-		
株主資本合計	Total shareholders' equity	1,538	1,637	1,718	1,795	1,816	1,790	-	1,801	-	1,847	-	-	1,894	1,882	-	1,926	-	2,437	-	-	2,581	2,564	-	-	-	-	-	-	-	-	-	-	-	
その他の包括利益累計額	Accumulated other comprehensive income																																		
その他有価証券評価差額金	Valuation difference on available-for-sale securities	147	149	119	172	162	162	-	142	-	142	-	-	142	169	-	168	-	160	-	-	199	185	-	-	-	-	-	-	-	-	-	-	-	
為替換算調整勘定	Foreign currency translation adjustment	53	-5	-63	4	72	172	-	209	-	153	-	-	187	234	-	267	-	235	-	-	272	338	-	-	-	-	-	-	-	-	-	-	-	
その他	Others	20	2	-12	51	103	110	-	104	-	103	-	-	84	79	-	79	-	78	-	-	248	244	-	-	-	-	-	-	-	-	-	-	-	
その他の包括利益累計額	Total Accumulated other comprehensive income	220	146	45	227	336	443	-	455	-	398	-	-	413	482	-	513	-	473	-	-	719	767	-	-	-	-	-	-	-	-	-	-	-	
非支配株主持分	Non-controlling interests	299	294	290	323	347	387	-	367	-	362	-	-	402	408	-	428	-	421	-	-	439	466	-	-	-	-	-	-	-	-	-	-	-	
純資産合計	Total net assets	2,056	2,077	2,053	2,346	2,499	2,621	-	2,623	-	2,607	-	-	2,709	2,772	-	2,867	-	3,331	-	-	3,739	3,797	-	-	-	-	-	-	-	-	-	-	-	
負債純資産合計	Total liabilities and net assets	3,913	3,842	3,854	4,319	4,808	5,220	-	5,236	-	5,252	-	-	5,409	5,506	-	5,593	-	6,100	-	-	6,567	6,655	-	-	-	-	-	-	-	-	-	-	-	

(億円、100 million yen)

連結貸借対照表／Consolidated Balance Sheets		FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24		
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual								実績 Actual								実績 Actual	予想 Forecast	
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
総資産	Total assets	3,913	3,842	3,854	4,319	4,808	5,220	-	5,236	-	5,252	-	-	5,409	5,506	-	5,593	-	6,100	-	-	6,567	6,655	-	6,910
純資産	Net assets	2,056	2,077	2,053	2,346	2,499	2,621	-	2,623	-	2,607	-	-	2,709	2,772	-	2,867	-	3,331	-	-	3,739	3,797	-	3,800
自己資本 (自己資本比率)	Total equity (Equity ratio)	1,758	1,783	1,763	2,022	2,152	2,234	-	2,256	-	2,245	-	-	2,307	2,365	-	2,439	-	2,910	-	-	3,300	3,331	-	-
借入金総額	Total debt	752	669	645	654	825	999	-	1,048	-	1,074	-	-	1,037	1,004	-	974	-	962	-	-	762	863	-	950
1株あたり純資産 (円)	Net assets per share (yen)	2,138.45	2,179.03	2,173.37	2,509.08	2,675.70	-	-	2,804.31	-	-	-	-	2,867.23	-	-	3,031.12	-	-	-	-	3,289.95	-	-	-

(億円、100 million yen)

連結キャッシュ・フロー計算書/Consolidated Statements of Cash Flows		FY17	FY18	FY19	FY20	FY21	FY22							FY23							FY24				
		実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual														実績 Actual	予想 Forecast			
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
営業活動によるキャッシュ・フロー	Cash flows from operating activities	219	315	331	358	129	-	-	19	-	-	-	-	283	-	-	193	-	-	-	-	632	-	-	500
うち利息の支払額	/ Equity in earnings of affiliates	-9	-6	-8	-8	-9	-	-	-13	-	-	-	-	-33	-	-	-20	-	-	-	-	-36	-	-	-
投資活動によるキャッシュ・フロー	Cash flows from investing activities	-208	-176	-207	-193	-302	-	-	-157	-	-	-	-	-266	-	-	-175	-	-	-	-	-462	-	-	-850
財務活動によるキャッシュ・フロー	Cash flows from financing activities	-67	-117	-102	-70	52	-	-	119	-	-	-	-	88	-	-	-117	-	-	-	-	35	-	-	-3
現金及び現金同等物の増減額	Net increase (decrease) in cash and cash equivalents	-49	36	13	111	-100	-	-	-1	-	-	-	-	102	-	-	-83	-	-	-	-	243	-	-	-353
現金及び現金同等物の期首残高	Cash and cash equivalents at beginning of period	247	198	234	247	358	-	-	258	-	-	-	-	258	-	-	360	-	-	-	-	360	-	-	603
現金及び現金同等物の期末残高	Cash and cash equivalents at end of period	198	234	247	358	258	-	-	257	-	-	-	-	360	-	-	277	-	-	-	-	603	-	-	250
四半期報告書 CF情報	Quarterly report cash flows information																								
減価償却費	Depreciation	181	178	177	180	182	48	51	98	51	149	60	111	210	53	60	113	55	168	60	115	228	58	-	-
のれんの償却額	Amortization of goodwill	12	15	14	13	7	2	2	5	2	7	-4	-2	3	1	1	1	1	2	1	2	3	1	-	-
フリー・キャッシュ・フロー	Free cash Flows	11	139	124	165	-173	-	-	-137	-	-	-	-	18	-	-	18	-	-	-	-	170	-	-	-350
インタレスト・カバレッジ・レシオ	Interest coverage ratio	25.48	49.75	40.59	43.79	13.61	-	-	1.50	-	-	-	-	8.60	-	-	9.81	-	-	-	-	17.33	-	-	-

P14

(億円、100 million yen)

通期業績予想／Full-year earnings forecast				FY17	FY18	FY19	FY20	FY21	FY22				FY23				FY24	FY25			
				実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	第2四半期目標 Target As of May 13, 2019	予想 Forecast As of May 12	予想 Forecast As of November 8	実績 Actual	予想 Forecast		実績 Actual	予想 Forecast		実績 Actual	予想 Forecast	第六次中計目標 Target	Target
				Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full
自動車電池 (国内) 売上高	Automotive Batteries (Japan)	Net sales	892	915	881	836	815	850	920	880	878	940	950	940	1,000	1,000	1,000				
		営業利益	61	78	70	87	59	70	50	50	65	55	70	70	81	80	70	90			
		(営業利益率)	6.9%	8.5%	7.9%	10.4%	7.2%	8.2%	5.4%	5.7%	7.5%	5.9%	7.4%	7.4%	8.6%	8.0%	7.0%	9.0%			
自動車電池 (海外) 売上高	Automotive Batteries (Overseas)	Net sales	1,856	1,771	1,621	1,653	1,867	2,000	2,360	2,400	2,473	2,520	2,470	2,470	2,529	2,590	2,400	2,600			
		営業利益	90	99	92	122	100	130	140	140	133	150	160	175	151	165	170	170			
		(営業利益率)	4.8%	5.6%	5.7%	7.4%	5.3%	6.5%	5.9%	5.8%	5.4%	6.0%	6.5%	7.1%	6.0%	6.4%	7.1%	6.5%			
産業電池電源	Industrial Batteries and Power Supplies	Net sales	742	800	846	840	995	1,000	1,080	1,080	976	1,110	1,100	1,100	1,097	1,200	1,400	1,200			
		営業利益	74	78	92	69	58	80	90	90	85	90	95	110	132	130	110	130			
		(営業利益率)	9.9%	9.8%	10.8%	8.2%	5.8%	8.0%	8.3%	8.3%	8.8%	8.1%	8.6%	10.0%	12.0%	10.8%	7.9%	10.8%			
車載用リチウムイオン電池	Automotive Lithium-ion Batteries	Net sales	448	456	423	360	476	550	700	690	654	1,030	880	880	848	900	1,100	1,000			
		営業利益	13	3	-17	-9	17	10	10	10	20	40	40	45	26	40	60	50			
		(営業利益率)	2.9%	0.7%	-4.0%	-2.4%	3.5%	1.8%	1.4%	1.4%	3.0%	3.9%	4.5%	5.1%	3.1%	4.4%	5.5%	5.0%			
特殊電池およびその他	Specialized Batteries and Others	Net sales	171	189	185	176	168	200	140	150	196	200	200	200	215	210	200	200			
		営業利益	3	-8	3	1	6	-10	0	0	16	5	10	25	32	30	0	20			
		(営業利益率)	1.7%	-4.0%	1.7%	0.8%	3.4%	-5.0%	0.0%	0.0%	8.4%	2.5%	5.0%	12.5%	14.9%	14.3%	0.0%	10.0%			
合計	Total	Net sales	4,110	4,131	3,956	3,865	4,321	4,600	5,200	5,200	5,177	5,800	5,600	5,600	5,629	5,900	6,100	6,000			
		営業利益	241	251	239	271	239	280	290	290	321	340	375	425	422	445	410	460			
		(営業利益率)	5.9%	6.1%	6.1%	7.0%	5.5%	6.1%	5.6%	5.6%	6.2%	5.9%	6.7%	7.6%	7.5%	7.5%	6.7%	7.7%			

※上記営業利益はのれん等償却前営業利益です。

\*The above operating income is before amortization of goodwill.

のれん等償却前営業利益 (繰インフラ会計適用前)	(Operating income before amortization of goodwill (before application of hyperinflationary accounting))	-	-	-	-	-	-	-	-	-	-	-	-	449	471	-	486
(のれん等償却前営業利益率)	(Operating profit before amortization of goodwill ratio)	-	-	-	-	-	-	-	-	-	-	-	-	8.0%	8.0%	-	8.1%

売上高	Net sales	4,110	4,131	3,956	3,865	4,321	4,600	5,200	5,200	5,177	5,800	5,600	5,600	5,629	5,900	6,100	6,000
営業利益	Operating profit	219	227	217	248	227	-	280	280	315	330	370	420	416	440	-	-
経常利益	Ordinary profit	214	247	231	273	247	-	280	280	242	270	320	380	440	440	-	-
親会社株主帰属純利益	Profit attributable to owners of parent	115	135	137	115	85	-	120	120	139	140	160	210	321	260	-	-
1株あたり純利益 (円)	EPS (yen)	138.90	164.74	168.23	141.91	105.23	-	149.11	149.17	173.11	174.03	198.87	242.16	369.74	259.21	-	-

営業利益増減要因 (当初計画差) / Factors for Operating Income Change (Initial forecast comparison)				FY17	FY18	FY19	FY20	FY21	FY22				FY23				FY24	FY25		
				実績 Actual	実績 Actual	実績 Actual	実績 Actual	実績 Actual	第2四半期目標 Target As of May 13, 2019	予想 Forecast As of May 12	予想 Forecast As of November 8	実績 Actual	予想 Forecast		実績 Actual	予想 Forecast	第六次中計目標 Target	Target		
				Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full		
のれん等償却前営業利益				Operating profit before amortization of goodwill	241	251	239	271	239	280	290	290	321	340	375	425	422	445	410	460
営業利益 (当初計画差)				Operating profit (Initial forecast comparison)	-	-	19	-	-	-	51	-	31	19	-	-	82	23	-	-
数量・構成変化				Quantity, composition change	-	-	-62	-	-	-	169	-	-154	146	-	-	-130	97	-	-
原材料価格・売価				Raw material price, sales price	-	-	41	-	-	-	-16	-	63	105	-	-	149	28	-	-
経費等				Expenses, etc.	-	-	39	-	-	-	-101	-	60	-206	-	-	30	-86	-	-
為替				Exchange rate	-	-	-4	-	-	-	5	-	25	-17	-	-	18	-14	-	-
特殊電池およびその他				Specialized batteries and Others	-	-	13	-	-	-	-6	-	37	-9	-	-	15	-2	-	-
リチウム				Lithium	-	-	-8	-	-	-	-	-	-	-	-	-	-	-	-	-

財務分析/Financial analysis		FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24		
		実績	Actual	実績	Actual	実績	Actual	実績	Actual	実績	Actual	実績				Actual				実績	Actual	予想	Forecast		
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	As of May 10	Full
		Full	Full	Full	Full	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full
ROICツリー	ROIC Tree																								
投下資本利益率 (のれん等償却前)	ROIC (before amortization of goodwill)	10.9%	11.3%	10.9%	12.0%	9.7%	-	-	-	-	-	-	11.4%	-	-	-	-	-	-	-	13.7%	-	-	12.5%	
売上高営業利益率 (のれん等償却前)	Operating profit ratio (before amortization of goodwill)	5.9%	6.1%	6.1%	7.0%	5.5%	3.4%	4.0%	3.7%	7.9%	5.3%	8.6%	8.3%	6.2%	4.1%	5.9%	5.0%	10.9%	7.2%	8.2%	9.6%	7.5%	5.0%	-	7.5%
売上高成長率	Sales growth rate	14.3%	0.5%	-4.2%	-2.3%	11.8%	16.7%	24.2%	20.6%	18.3%	19.7%	20.1%	19.2%	19.8%	8.2%	10.1%	9.2%	10.8%	9.8%	5.9%	8.3%	8.7%	5.8%	-	-
売上原価率	Cost of sales ratio	77.4%	77.0%	76.5%	75.0%	77.6%	78.4%	79.7%	79.1%	76.9%	78.3%	77.8%	77.3%	78.1%	78.6%	78.5%	78.5%	75.5%	77.4%	78.1%	76.8%	77.6%	77.7%	-	-
販管費率	SG&A expense ratio	17.3%	17.5%	18.0%	18.6%	17.1%	18.4%	16.5%	17.4%	15.4%	16.7%	13.5%	14.4%	15.8%	17.4%	15.7%	16.5%	13.7%	15.5%	13.8%	13.8%	15.0%	17.4%	-	-
投下資本回転率	Invested capital turnover	1.9	1.9	1.8	1.7	1.8	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	1.8	-	-	-
運転資本回転率	Working capital turnover	4.4	4.4	4.4	4.2	4.2	-	-	-	-	-	-	-	4.2	-	-	-	-	-	-	-	4.4	-	-	-
売上債権回転率	Accounts receivable turnover	5.4	5.4	5.3	5.0	5.0	-	-	-	-	-	-	-	5.3	-	-	-	-	-	-	-	5.2	-	-	-
棚卸資産回転率	Inventory turnover	6.2	6.0	6.0	5.8	5.4	-	-	-	-	-	-	-	5.1	-	-	-	-	-	-	-	5.0	-	-	-
仕入債務回転率	Trade payables turnover	6.5	6.1	6.0	5.6	5.3	-	-	-	-	-	-	-	5.3	-	-	-	-	-	-	-	4.7	-	-	-
固定資産回転率	Fixed asset turnover	2.0	2.0	1.9	1.7	1.8	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	1.8	-	-	-

※固定資産回転率は貸借対照表の固定資産合計額を使用しております。

\*Fixed asset turnover is calculated using the total amount of fixed assets listed on the balance sheet.

デュボンスシステム		DuPont Analysis																								
自己資本利益率	ROE	6.8%	6.8%	7.7%	6.1%	4.1%	-	-	-	-	-	-	-	6.2%	-	-	-	-	-	-	-	11.4%	-	-	-	
売上高当期純利益率	Net profit ratio	2.8%	3.3%	3.5%	3.0%	2.0%	0.6%	0.9%	0.7%	4.4%	2.1%	4.3%	4.3%	2.7%	1.4%	3.2%	2.3%	7.6%	4.3%	9.5%	8.5%	5.7%	3.8%	2.3%	4.4%	
総資産回転率	Total asset turnover rate	1.1	1.1	1.0	0.9	0.9	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	0.9	-	-	-	
財務レバレッジ (期末)	Financial Leverage (End of term)	2.2	2.2	2.2	2.1	2.2	2.3	-	2.3	-	2.3	-	-	2.3	2.3	-	2.3	-	2.1	-	-	2.0	2.0	-	-	
キャッシュ・コンバージョン・サイクル		Cash conversion cycle																								
売上債権回転期間 (月)	Accounts receivable turnover rate	2.2	2.2	2.3	2.4	2.4	-	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	2.3	-	-	-	
棚卸資産回転期間 (月)	Inventory turnover rate	1.9	2.0	2.0	2.1	2.2	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	2.4	-	-	-	
仕入債務回転期間 (月)	Trade payables turnover rate	1.9	2.0	2.0	2.1	2.3	-	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	2.5	-	-	-	
キャッシュ・コンバージョン・サイクル	Cash conversion cycle	2.3	2.3	2.3	2.3	2.4	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	2.2	-	-	-	







市場データ/Market data	FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24					
						実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual		実績 Actual	予想 Forecast		
						Full		Full		Full		Full		Full		Full		Full		Full		Full		Full	As of May 10		
						1Q		2Q		1st H		3Q		3Q total		4Q		2nd H		Full		1Q		2Q		1Q	1st H
経済産業省生産動態統計	Monthly Report of Current Production Statistics																										
鉛蓄電池 (自動車用 (二輪自動車用を除く))	Lead-acid storage batteries for automobiles(except for motorcycles)																										
販売数量 (千個)	Sales quantity (1000n)	24,849	24,837	23,982	22,919	22,519	4,494	5,138	9,632	6,323	15,955	6,101	12,424	22,056	4,676	5,218	9,894	6,675	16,569	5,823	12,498	22,392	4,788				
販売容量 (鉛量t)	Sales capacity (lead(t))	196,653	197,770	190,557	178,427	178,719	35,834	41,204	77,038	50,273	127,311	48,560	98,833	175,871	37,531	42,080	79,611	53,452	133,063	46,265	99,717	179,328	38,172				
販売金額 (百万円)	Sales value (million yen)	122,549	130,479	124,145	120,793	123,757	26,240	30,596	56,836	39,106	95,942	37,391	76,497	133,333	29,048	32,932	61,980	43,239	105,219	38,666	81,905	143,885	31,352				
(前年対比)	(Year-on-year comparison)	110.3%	106.5%	95.1%	97.3%	102.5%	100.4%	113.8%	107.2%	108.6%	107.8%	107.7%	108.1%	107.7%	110.7%	107.6%	109.1%	110.6%	109.7%	103.4%	107.1%	107.9%	107.9%				
その他の鉛蓄電池	Other lead acid (storage) batteries																										
販売数量 (千個)	Sales quantity (1000n)	7,595	7,302	7,086	6,784	6,961	1,612	1,693	3,305	1,818	5,123	1,784	3,602	6,907	1,534	1,574	3,108	1,742	4,850	1,675	3,417	6,525	1,472				
販売容量 (鉛量t)	Sales capacity (lead(t))	79,489	80,696	81,408	77,967	79,432	17,365	18,696	36,061	20,457	56,518	21,016	41,473	77,534	16,342	18,381	34,723	20,854	55,577	20,826	41,680	76,403	16,538				
販売金額 (百万円)	Sales value (million yen)	65,706	67,443	68,248	64,079	64,939	13,933	16,649	30,582	18,722	49,304	20,587	39,309	69,891	14,672	17,645	32,317	20,210	52,527	22,220	42,430	74,747	15,208				
(前年対比)	(Year-on-year comparison)	101.5%	102.6%	101.2%	93.9%	101.3%	97.6%	105.5%	101.8%	107.3%	103.8%	118.1%	112.7%	107.6%	105.3%	106.0%	105.7%	107.9%	106.5%	107.9%	107.9%	106.9%	103.7%				

リチウムイオン蓄電池 (車載用)	Small sized sealed lithium ion rechargeable batteries for automobiles																										
販売数量 (千個)	Sales quantity (1000n)	797,133	786,312	606,768	578,952	904,461	208,284	200,901	409,185	286,405	695,590	269,755	556,160	965,345	234,252	208,257	442,509	145,268	587,777	138,708	283,976	726,485	128,870	-	-		
販売容量 (千Ah)	Sales capacity (1000Ah)	3,270,193	3,141,753	2,618,090	2,953,310	4,110,040	1,064,285	931,211	1,995,496	1,420,857	3,416,353	1,536,443	2,957,300	4,952,796	1,424,097	1,391,479	2,815,576	1,113,374	3,928,950	943,168	2,056,542	4,872,118	857,804	-	-		
販売金額 (百万円)	Sales value (million yen)	290,299	306,871	290,772	336,327	434,310	112,977	134,697	247,674	181,739	429,413	196,980	378,719	626,393	197,107	201,646	398,753	183,798	582,551	181,013	364,811	763,564	154,124	-	-		
(前年対比)	(Year-on-year comparison)	122.7%	105.7%	94.8%	115.7%	129.1%	107.2%	137.3%	121.7%	155.7%	134.1%	172.8%	164.1%	144.2%	174.5%	149.7%	161.0%	101.1%	135.7%	91.9%	96.3%	121.9%	78.2%	-	-		
リチウムイオン蓄電池 (その他)	Other small sized sealed lithium ion rechargeable batteries																										
販売数量 (千個)	Sales quantity (1000n)	555,300	450,623	400,140	363,771	374,178	78,665	65,940	144,605	62,948	207,553	54,682	117,630	262,235	44,763	50,788	95,551	61,386	156,937	58,328	119,714	215,265	63,872	-	-		
販売容量 (千Ah)	Sales capacity (1000Ah)	1,271,297	1,049,120	1,006,969	921,407	983,468	184,824	166,167	350,991	161,998	512,989	157,064	319,062	670,053	109,167	152,721	261,888	184,193	446,081	205,684	389,877	651,765	183,464	-	-		
販売金額 (百万円)	Sales value (million yen)	159,147	130,689	126,054	130,788	147,573	33,900	33,226	67,126	32,189	99,315	27,801	59,990	127,116	22,505	31,928	54,433	37,926	92,359	38,895	76,821	131,254	38,560	-	-		
(前年対比)	(Year-on-year comparison)	105.9%	82.1%	96.5%	103.8%	112.8%	88.0%	92.6%	90.2%	85.5%	88.6%	78.3%	82.0%	86.1%	66.4%	96.1%	81.1%	117.8%	93.0%	139.9%	128.1%	103.3%	171.3%	-	-		

※参考：経済産業省生産動態統計調査 (<https://www.meti.go.jp/statistics/tyo/seidou/index.html>)

\*Ministry of Economy, Trade and Industry Production Statistics (<https://www.meti.go.jp/statistics/tyo/seidou/index.html>)

電池工業会	BAJ																											
二次電池販売数量 (千個)	Secondary battery sales volume																											
自動車用鉛電池	Lead-acid battery for automobiles	26,030	25,148	24,019	22,945	22,724	-	-	-	-	-	-	-	22,529	-	-	-	-	-	-	-	-	-	-	-	21,284	-	-
その他鉛電池	Other lead-acid batteries	6,098	5,910	5,652	5,358	5,329	-	-	-	-	-	-	-	5,301	-	-	-	-	-	-	-	-	-	-	-	5,032	-	-
鉛電池合計	Lead-acid battery total	32,128	31,058	29,671	28,303	28,053	-	-	-	-	-	-	-	27,830	-	-	-	-	-	-	-	-	-	-	-	26,316	-	-
(前年対比)	(Year-on-year comparison)	101.8%	96.7%	95.5%	95.4%	99.1%	-	-	-	-	-	-	-	99.2%	-	-	-	-	-	-	-	-	-	-	-	94.6%	-	-
リチウムイオン電池	Lithium-ion battery	542,752	484,396	409,999	405,271	417,850	-	-	-	-	-	-	-	310,483	-	-	-	-	-	-	-	-	-	-	-	243,555	-	-
(前年対比)	(Year-on-year comparison)	85.0%	89.2%	84.6%	98.8%	103.1%	-	-	-	-	-	-	-	74.3%	-	-	-	-	-	-	-	-	-	-	-	78.4%	-	-

二次電池販売金額 (百万円)	Secondary battery sales value																											
自動車用鉛電池	Lead-acid battery for automobiles	125,019	127,306	118,285	113,322	116,819	-	-	-	-	-	-	-	127,358	-	-	-	-	-	-	-	-	-	-	-	131,089	-	-
その他鉛電池	Other lead-acid batteries	60,953	62,553	63,173	58,762	59,269	-	-	-	-	-	-	-	63,873	-	-	-	-	-	-	-	-	-	-	-	68,754	-	-
鉛電池合計	Lead-acid battery total	185,972	189,859	181,458	172,084	176,088	-	-	-	-	-	-	-	191,231	-	-	-	-	-	-	-	-	-	-	-	199,843	-	-
(前年対比)	(Year-on-year comparison)	109.2%	102.1%	95.6%	94.8%	102.3%	-	-	-	-	-	-	-	108.6%	-	-	-	-	-	-	-	-	-	-	-	104.5%	-	-
リチウムイオン電池	Lithium-ion battery	151,915	156,038	139,314	148,643	175,599	-	-	-	-	-	-	-	154,421	-	-	-	-	-	-	-	-	-	-	-	145,607	-	-
(前年対比)	(Year-on-year comparison)	103.4%	102.7%	89.3%	106.7%	118.1%	-	-	-	-	-	-	-	87.9%	-	-	-	-	-	-	-	-	-	-	-	94.3%	-	-

※参考：一般財団法人電池工業会 統計資料 (<https://www.baj.or.jp/statistics/voluntary/index.html>)

\*Battery Association of Japan data sheets (<https://www.baj.or.jp/statistics/voluntary/index.html>)

市場データ/Market data	FY17 実績 Actual Full	FY18 実績 Actual Full	FY19 実績 Actual Full	FY20 実績 Actual Full	FY21 実績 Actual Full	FY22								FY23								FY24			
						実績 Actual								実績 Actual								実績 Actual 1Q	予想 Forecast As of May 10 1st H	Full	
						1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full				
						1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	Full		
日本自動車工業会	JAMA																								
国内自動車生産台数(台)	Domestic automobile production																								
乗用車	8,339,404	8,369,480	8,171,124	6,842,912	6,340,237	1,399,312	1,706,626	3,105,938	1,811,878	4,917,816	1,896,906	3,708,784	6,814,722	1,821,164	1,954,847	3,776,011	2,094,141	5,870,152	1,674,892	3,769,033	7,545,044	-	-	-	
トラック	1,224,728	1,265,838	1,196,578	1,064,697	1,130,201	254,722	313,847	568,569	324,130	892,699	303,248	627,378	1,195,947	253,096	275,713	528,809	295,413	824,222	210,382	505,795	1,034,604	-	-	-	
バス	119,130	114,703	121,602	61,915	74,703	19,246	21,316	40,562	24,416	64,978	25,216	49,632	90,194	24,009	27,523	51,532	27,262	78,794	19,998	47,260	98,792	-	-	-	
全車種合計	9,683,262	9,750,021	9,489,304	7,969,524	7,545,141	1,673,280	2,041,789	3,715,069	2,160,424	5,875,493	2,225,370	4,385,794	8,100,863	2,098,269	2,258,083	4,356,352	2,416,816	6,773,168	1,905,272	4,322,088	8,678,440	-	-	-	
(前年対比)	(Year-on-year comparison)	103.5%	100.7%	97.3%	84.0%	94.7%	85.3%	124.4%	103.1%	109.0%	105.2%	113.5%	111.3%	107.4%	125.4%	110.6%	117.3%	111.9%	115.3%	85.6%	98.5%	107.1%	-	-	-

※参考：一般財団法人日本自動車工業会 統計資料 (https://jamaserv.jama.or.jp/newdb/)

\*Japan Automobile Manufacturers Association data sheets (https://jamaserv.jama.or.jp/newdb/eng/index.html)

自動車検査登録情報協会	Automobile Inspection & Registration Information Association																							
国内自動車保有台数(台)	Number of domestic automobiles owned																							
四輪車	77,919,101	78,119,628	78,151,466	78,292,842	78,280,281	-	-	-	-	-	-	-	78,465,110	-	-	-	-	-	-	-	78,507,746	-	-	-
三輪車	19,414	20,369	21,407	22,633	23,967	-	-	-	-	-	-	-	24,922	-	-	-	-	-	-	-	25,495	-	-	-
二輪車	3,624,586	3,649,321	3,676,909	3,762,277	3,870,696	-	-	-	-	-	-	-	3,961,318	-	-	-	-	-	-	-	4,035,432	-	-	-
全車種合計	81,563,101	81,789,318	81,849,782	82,077,752	82,174,944	-	-	-	-	-	-	-	82,451,350	-	-	-	-	-	-	-	82,568,673	-	-	-
(前年対比)	(Year-on-year comparison)	100.4%	100.3%	100.1%	100.3%	100.1%	-	-	-	-	-	-	100.3%	-	-	-	-	-	-	-	100.1%	-	-	-

※参考：一般財団法人自動車検査登録情報協会 統計情報 (https://www.aria.or.jp/publish/statistics/number.html)

\*Automobile Inspection & Registration Information Association data sheets (https://www.aria.or.jp/publish/statistics/number.html)

日本自動車工業会	JAMA																								
日系OEMの海外自動車生産台数(台)	Overseas automobile production volume by Japanese OEMs																								
アジア	10,995,002	11,321,202	10,107,980	9,839,921	10,206,135	2,375,189	2,875,634	5,250,823	2,512,707	7,763,530	2,547,097	5,059,804	10,310,627	2,331,974	2,509,909	4,841,883	2,617,598	7,459,481	2,258,673	4,876,271	9,718,154	-	-	-	
中近東	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
欧州	1,938,195	1,815,871	1,568,918	1,245,021	1,134,180	301,836	278,155	579,991	327,670	907,661	298,909	626,579	1,206,570	340,563	277,061	617,624	371,997	989,621	343,404	715,401	1,333,025	-	-	-	
うちEU	1,503,821	1,209,764	580,598	435,603	444,186	159,791	154,762	314,553	180,565	495,118	145,855	326,420	640,973	176,585	121,042	297,627	180,603	478,230	176,192	356,795	654,422	-	-	-	
北米	4,694,535	4,517,101	4,257,000	3,447,471	3,377,812	854,397	918,634	1,773,031	855,392	2,628,423	987,069	1,842,461	3,615,492	1,054,993	1,043,848	2,098,841	1,087,135	3,185,976	1,142,820	2,229,955	4,328,796	-	-	-	
うち米国	3,724,098	3,627,803	3,378,345	2,650,122	2,717,261	676,953	745,548	1,422,501	693,862	2,116,363	776,228	1,470,090	2,892,591	830,062	818,162	1,648,224	846,755	2,494,979	895,946	1,742,701	3,390,925	-	-	-	
中南米	1,894,355	1,887,584	1,679,653	1,316,655	1,507,534	364,004	383,394	747,398	350,457	1,097,855	448,227	798,684	1,546,082	466,146	471,836	937,982	425,125	1,363,107	426,438	851,563	1,789,545	-	-	-	
アフリカ	206,335	218,151	198,951	164,910	217,409	28,609	78,120	106,729	56,025	162,754	56,625	112,650	219,379	57,821	63,496	121,317	53,108	174,425	38,108	91,216	212,533	-	-	-	
大洋州	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
自動車合計	19,728,422	19,759,909	17,812,502	16,013,978	16,443,070	3,924,035	4,533,937	8,457,972	4,102,251	12,560,223	4,337,927	8,440,178	16,898,150	4,251,497	4,366,150	8,617,647	4,554,963	13,172,610	4,209,443	8,764,406	17,382,053	-	-	-	
(前年対比)	(Year-on-year comparison)	101.9%	100.2%	90.1%	89.9%	102.7%	97.3%	126.3%	111.0%	92.8%	104.3%	98.6%	95.7%	102.8%	108.3%	96.3%	101.9%	111.0%	104.9%	97.0%	103.8%	102.9%	-	-	-

二輪車	Total for Motorcycles	-	28,488,119	26,496,833	20,499,184	23,392,274	-	-	-	-	-	-	25,635,128	-	-	-	-	-	-	-	25,461,743	-	-	-
(前年対比)	(Year-on-year comparison)	-	-	93.0%	77.4%	114.1%	-	-	-	-	-	-	109.6%	-	-	-	-	-	-	-	99.3%	-	-	-

※参考：一般財団法人日本自動車工業会 統計速報 海外生産 (https://www.jama.or.jp/statistics/foreign\_prdct/index.html)

\*Japan Automobile Manufacturers Association Statistical Report: Overseas Production (https://www.jama.or.jp/statistics/foreign\_prdct/index.html)

国際自動車工業連合会	OICA																							
世界自動車生産台数(台)	Global automobile production																							
欧州	21,634,302	22,262,540	21,268,772	16,692,847	16,137,638	-	-	-	-	-	-	-	16,032,840	-	-	-	-	-	-	-	18,122,449	-	-	-
アメリカ	20,714,030	20,847,618	20,160,401	15,692,927	16,190,835	-	-	-	-	-	-	-	17,753,536	-	-	-	-	-	-	-	19,136,891	-	-	-
アジア・オセアニア	53,395,211	52,656,826	49,333,841	44,276,549	46,768,800	-	-	-	-	-	-	-	50,021,217	-	-	-	-	-	-	-	55,115,837	-	-	-
アフリカ(エジプト除く)	1,003,259	1,102,036	1,095,151	776,247	907,302	-	-	-	-	-	-	-	1,022,783	-	-	-	-	-	-	-	1,171,422	-	-	-
グローバル合計	96,746,802	96,869,020	91,858,165	77,438,570	80,004,575	-	-	-	-	-	-	-	84,830,376	-	-	-	-	-	-	-	93,546,599	-	-	-
(前年対比)	(Year-on-year comparison)	101.8%	100.1%	94.8%	84.3%	103.3%	-	-	-	-	-	-	106.0%	-	-	-	-	-	-	-	110.3%	-	-	-

※参考：国際自動車工業連合会 生産統計 (https://www.oica.net/production-statistics/)

\*Organisation Internationale des Constructeurs d'Automobiles Production Statistics (https://www.oica.net/production-statistics/)

※上記国際自動車工業連合会のデータにおけるFYは1~12月です。

\*The FY in the above OICA data is January to December.

市場データ/Market data		FY17	FY18	FY19	FY20	FY21	FY22								FY23								FY24						
		実績	Actual	実績	Actual	実績	Actual	実績	Actual	実績								実績								実績	Actual	予想	Forecast
		Full	Full	Full	Full	Full	1Q								1Q								1Q	Actual	As of May 10				
							1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	2Q	1st H	3Q	3Q total	4Q	2nd H	Full	1Q	1st H	Full				
日本自動車工業会	JAMA																												
世界自動車保有台数 (台)	Number of global automobiles owned																												
乗用車	Passenger cars	1,015,643,207	-	1,083,527,538	1,109,785,827	1,134,056,475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
バス	Truck/Bus	357,763,944	-	408,517,067	425,470,331	437,245,137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
グローバル合計	Global Total	1,373,407,151	-	1,492,044,605	1,535,256,158	1,571,301,612	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
(前年対比)	(Year-on-year comparison)	-	-	-	<b>102.9%</b>	<b>102.3%</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					

※参考：一般財団法人日本自動車工業会 日本の自動車工業 (<https://www.jama.or.jp/library/publish/index.html#carindustry>)  
 \*Japan Automobile Manufacturers Association Motor Industry of Japan (<https://www.jama.or.jp/english/reports/mioj.html>)  
 ※上記日本自動車工業会のデータにおけるFYは1~12月です。  
 \*The FY in the above JAMA data is January to December.

日本自動車販売協会連合会		Domestic registration numbers by fuel																							
国内燃料別登録台数 (台)																									
ガソリン	Gasoline	-	-	1,497,861	1,363,152	1,067,228	207,570	231,303	438,873	216,127	655,000	287,855	503,982	942,855	217,365	234,919	452,284	208,305	660,589	190,564	398,869	851,153	192,391	-	-
ハイブリッド	Hybrid	-	-	1,031,449	946,259	1,033,216	214,443	269,852	484,295	296,277	780,572	412,547	708,824	1,193,119	325,676	348,267	673,943	373,644	1,047,587	425,021	798,665	1,472,608	336,918	-	-
(前年対比)	(Year-on-year comparison)	-	-	-	<b>91.7%</b>	<b>109.2%</b>	<b>99.2%</b>	<b>105.4%</b>	<b>102.6%</b>	<b>117.3%</b>	<b>107.7%</b>	<b>133.7%</b>	<b>126.3%</b>	<b>115.5%</b>	<b>151.9%</b>	<b>129.1%</b>	<b>139.2%</b>	<b>126.1%</b>	<b>134.2%</b>	<b>103.0%</b>	<b>112.7%</b>	<b>123.4%</b>	<b>103.5%</b>	-	-
プラグインハイブリッド	Plug-in Hybrid	-	-	17,076	16,775	27,067	8,528	11,633	20,161	7,275	27,436	12,465	19,740	39,901	12,698	14,534	27,232	12,446	39,678	13,385	25,831	53,063	8,195	-	-
EV	EV	-	-	19,476	14,379	24,154	6,561	7,482	14,043	9,358	23,401	12,158	21,516	35,559	10,699	10,618	21,317	10,516	31,833	8,494	19,010	40,327	24,598	-	-
(前年対比)	(Year-on-year comparison)	-	-	-	<b>73.8%</b>	<b>168.0%</b>	<b>203.1%</b>	<b>114.1%</b>	<b>143.5%</b>	<b>151.5%</b>	<b>146.6%</b>	<b>148.4%</b>	<b>149.8%</b>	<b>147.2%</b>	<b>163.1%</b>	<b>141.9%</b>	<b>151.8%</b>	<b>112.4%</b>	<b>136.0%</b>	<b>69.9%</b>	<b>88.4%</b>	<b>113.4%</b>	<b>229.9%</b>	-	-
その他	Others	-	-	167,842	154,898	134,924	22,492	32,342	54,834	30,861	85,695	44,096	74,957	129,791	33,168	34,433	67,601	34,988	102,589	27,181	62,169	129,770	7,355	-	-
全車種合計	Total for all vehicles	-	-	2,733,704	2,495,463	2,286,589	459,594	552,612	1,012,206	559,898	1,572,104	769,121	1,329,019	2,341,225	599,606	642,771	1,242,377	639,899	1,882,276	664,645	1,304,544	2,546,921	569,457	-	-
(前年対比)	(Year-on-year comparison)	-	-	-	<b>91.3%</b>	<b>91.6%</b>	<b>84.1%</b>	<b>99.0%</b>	<b>91.6%</b>	<b>105.5%</b>	<b>96.1%</b>	<b>118.1%</b>	<b>112.5%</b>	<b>102.4%</b>	<b>130.5%</b>	<b>116.3%</b>	<b>122.7%</b>	<b>114.3%</b>	<b>119.7%</b>	<b>86.4%</b>	<b>98.2%</b>	<b>108.8%</b>	<b>95.0%</b>	-	-

※参考：一般財団法人日本自動車販売協会連合会 統計データ (<https://www.jada.or.jp/pages/342/>)  
 \*Japan Automobile dealers association statistical data (<https://www.jada.or.jp/pages/342/>)

日本産業車両協会		Domestic forklift production volume																							
国内フォークリフト生産台数 (台)																									
バッテリー式	Battery type	55,790	59,808	59,432	56,970	63,191	16,303	16,420	32,723	18,103	50,826	16,685	34,788	67,511	16,924	16,855	33,779	16,909	50,688	14,872	31,781	65,560	16,412	-	-
(バッテリー式比率)	(Battery-powered ratio)	48.0%	49.0%	53.1%	54.1%	51.5%	53.5%	52.5%	53.0%	53.9%	53.3%	59.4%	56.4%	54.7%	64.4%	65.8%	65.1%	67.1%	65.8%	66.1%	66.6%	65.8%	66.7%	-	-
エンジン式	Engine type	60,414	62,300	52,487	48,387	59,488	14,171	14,875	29,046	15,499	44,545	11,387	26,886	55,932	9,354	8,749	18,103	8,289	26,392	7,632	15,921	34,024	8,188	-	-
フォークリフト合計	Forklift total	116,204	122,108	111,919	105,357	122,679	30,474	31,295	61,769	33,602	95,371	28,072	61,674	123,443	26,278	25,604	51,882	25,198	77,080	22,504	47,702	99,584	24,600	-	-
(前年対比)	(Year-on-year comparison)	105.7%	105.1%	91.7%	94.1%	116.4%	102.0%	106.7%	104.3%	104.2%	104.3%	89.9%	97.2%	100.6%	86.2%	81.8%	84.0%	75.0%	80.8%	80.2%	77.3%	80.7%	93.6%	-	-

※参考：一般財団法人日本産業車両協会 統計資料 (<http://www.jiva.or.jp/data.html>)  
 \*Japan industrial vehicles association data sheets (<http://www.jiva.or.jp/data.html>)



参考：テクニカルレポート／Reference：Technical Report		内容	リンク（日本語サイトに飛びます／Jump to Japanese site）
<b>第21巻・2024年発行</b>			
第21巻（令和6年）12月25日発行	Volume 21, published in 2024		
第1号（2024年（令和6年）6月25日発行）	No.1 June 25, 2024	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol21.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol21.php</a>
総説	Review	宇宙用太陽電池の現状と今後の展望／Present and future of space solar cells in Japan	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol21/021_01_001.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol21/021_01_001.pdf</a>
報文	Bulletin	HEV用リチウムイオン電池EHW4S8の開発／Development of Li-ion cell EHW4S8 for HEV	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol21/021_01_007.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol21/021_01_007.pdf</a>
<b>第20巻・2023年発行</b>			
第20巻（令和5年）12月25日発行	Volume 20, published in 2023		
第2号（2023年（令和5年）12月25日発行）	No.2 December 25, 2023	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol20_2.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol20_2.php</a>
総説	Review	カーボンニュートラル社会に向けたグリーン水素の製造技術／Production methods of green hydrogen for carbon neutral energy society	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20_2/020_02_001.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20_2/020_02_001.pdf</a>
報文	Bulletin	ユニット方式UPS“FULLBACK MLUシリーズ”の開発／Development of unit type UPS “FULLBACK MLU Series”	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20_2/020_02_007.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20_2/020_02_007.pdf</a>
		In-situ XRD 測定を活用したLi(Ni <sub>1-x</sub> Co <sub>x</sub> Al) <sub>2</sub> O <sub>2</sub> 黒鉛系全固体電池の容量低下要因の解析／Analysis of the factors contributing to capacity fading in an all-solid-state Li(Ni <sub>1-x</sub> Co <sub>x</sub> Al) <sub>2</sub> O <sub>2</sub> /graphite cell by means of in-situ XRD	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20_2/020_02_012.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20_2/020_02_012.pdf</a>
第1号（2023年（令和5年）6月23日発行）	No.1 June 23, 2023	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol20.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol20.php</a>
総説	Review	表面修飾による電池材料の高性能化／Improving Battery Material Performances by Surface Modification	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20/020_01_001.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20/020_01_001.pdf</a>
報文	Bulletin	高効率AC-DC モジュールの製品化／Commercialization of high-efficiency AC-DC modules	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20/020_01_009.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20/020_01_009.pdf</a>
		触媒デバイスを搭載した自動車用EN 型液式鉛蓄電池の開発／Development of Automotive Flooded Lead-acid Batteries for European Norm Type with Catalytic Device	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20/020_01_014.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20/020_01_014.pdf</a>
		SIO 負極を備える400 Wh kg <sup>-1</sup> 級高エネルギー密度リチウムイオン電池の開発／Development of 400 Wh kg <sup>-1</sup> Class High Energy Density Lithium Ion Batteries with SIO Negative Electrode	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20/020_01_021.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol20/020_01_021.pdf</a>
<b>第19巻・2022年発行</b>			
第19巻（令和4年）12月23日発行	Volume 19, published in 2022		
第2号（2022年（令和4年）12月23日発行）	No.2 December 23, 2022	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol19_2.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol19_2.php</a>
総説	Review	表面活性化接合によるX on diamond 構造／X on Diamond Structures Fabricated Using Surface Activated Bonding Technologies	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19_2/019_02_001.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19_2/019_02_001.pdf</a>
報文	Bulletin	コンテナ式LEPS-2 蓄電システムの開発／Development of container type LEPS-2 energy storage system	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19_2/019_02_010.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19_2/019_02_010.pdf</a>
		機能性フィラーをもちいたアンダーコートによるリチウムイオン電池の安全化技術の開発／Development of Safety Technology for Li-ion Batteries by Undercoat Layer Containing Functional Filler	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19_2/019_02_017.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19_2/019_02_017.pdf</a>
		リチウムイオン電池用ホウ素ドーパカーボン負極の開発／Development of Boron-Doped Carbon Negative Electrodes for Lithium Ion Batteries	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19_2/019_02_023.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19_2/019_02_023.pdf</a>
第1号（2022年（令和4年）6月24日発行）	No.1 June 24, 2022	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol19.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol19.php</a>
総説	Review	材料シミュレーションによる金属リチウムとガリウム型固体電解質界面の構造評価／Characterization of the interface between metallic lithium and garnet-type solid electrolyte by first-principles calculations	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19/019_01_001.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19/019_01_001.pdf</a>
報文	Bulletin	LiPF <sub>6</sub> 系電解液におけるリン酸エステルの生成メカニズムの解明／Clarification of formation mechanism of phosphate esters in LiPF <sub>6</sub> -based electrolyte	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19/019_01_008.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19/019_01_008.pdf</a>
		SIO負極を備える300 Wh kg <sup>-1</sup> 級高エネルギー密度リチウムイオン電池の開発／Development of 300 Wh kg <sup>-1</sup> Class High Energy Density Lithium Ion Batteries with SIO Negative Electrode	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19/019_01_017.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19/019_01_017.pdf</a>
		内部短絡時安全性の定量的評価手法の開発／Quantitative safety evaluation for internal short-circuit	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19/019_01_024.pdf">https://www.gs-yuasa.com/jp/technology/technical_report/pdf/vol19/019_01_024.pdf</a>
<b>第18巻・2021年発行</b>			
第18巻（令和3年）12月24日発行	Volume 18, published in 2021		
第2号（2021年（令和3年）12月24日発行）	No.2 December 24, 2021	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol18_2.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol18_2.php</a>
第1号（2021年（令和3年）6月25日発行）	No.1 June 25, 2021	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol18.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol18.php</a>
<b>第17巻・2020年発行</b>			
第17巻（令和2年）12月25日発行	Volume 17, published in 2020		
第2号（2020年（令和2年）12月25日発行）	No.2 December 25, 2020	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol17_2.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol17_2.php</a>
第1号（2020年（令和2年）6月25日発行）	No.1 June 25, 2020	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol17.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol17.php</a>
<b>第16巻・2019年発行</b>			
第16巻（平成31年）12月25日発行	Volume 16, published in 2019		
第2号（2019年（平成31年）12月25日発行）	No.2 December 25, 2019	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol16_2.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol16_2.php</a>
第1号（2019年（平成31年）6月25日発行）	No.1 June 25, 2019	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol16.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol16.php</a>
<b>第15巻・2018年発行</b>			
第15巻（平成30年）12月25日発行	Volume 15, published in 2018		
第2号（2018年（平成30年）12月25日発行）	No.2 December 25, 2018	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol15_2.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol15_2.php</a>
第1号（2018年（平成30年）6月25日発行）	No.1 June 25, 2018	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol15.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol15.php</a>
<b>第14巻・2017年発行</b>			
第14巻（平成29年）12月25日発行	Volume 14, published in 2017		
第2号（2017年（平成29年）12月25日発行）	No.2 December 25, 2017	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol14_2.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol14_2.php</a>
第1号（2017年（平成29年）6月28日発行）	No.1 June 28, 2017	ニュースリリース・トピックなどはこちらから／Click here for news releases, topics, etc.	<a href="https://www.gs-yuasa.com/jp/technology/technical_report/vol14.php">https://www.gs-yuasa.com/jp/technology/technical_report/vol14.php</a>