Consolidated 11-Year Summary Web

Resonac made former Hitachi Chemical a consolidated subsidiary, and started on July 1, 2020 to incorporate Hitachi Chemical's sales figures and income/losses into its consolidated financial statements.

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 *5
Financial Highlights (Consolidated) Millions of yen											
For the year											
Net sales	¥739,675	¥847,803	¥ 872,785	¥ 775,732	¥ 671,159	¥ 780,387	¥ 992,136	¥ 906,454	¥ 973,700	¥1,419,635	¥1,392,621
Operating income (loss)	28,108	25,953	20,551	33,508	42,053	77,708	180,003	120,798	(19,449)	87,198	61,726
Ratio of operating income (loss) to sales (%)	3.8	3.1	2.4	4.3	6.3	10.0	18.1	13.3	(2.0)	6.1	4.4
Net income (loss) attributable to owners of the parent	9,368	9,065	2,929	921	12,305	37,404	111,503	73,088	(76,304)	(12,094)	32,422
Net cash provided by operating activities	53,310	63,565	66,996	61,170	68,949	67,235	149,785	78,554	109,286	115,283	99,813
Net cash provided by (used in) investing activities	(41,741)	(55,203)	(46,876)	(42,497)	(53,754)	(29,866)	(49,338)	(48,156)	(930,047)	28,606	(54,667)
Free cash flow	11,569	8,362	20,120	18,674	15,195	37,369	100,447	30,397	(820,761)	143,889	45,145
Net cash provided by (used in) financing activities	(20,150)	(6,805)	(24,856)	(21,336)	(13,220)	(18,370)	(61,061)	(18,546)	896,521	(121,741)	(103,267)
R&D expenditures	20,633	20,435	20,362	20,289	17,313	18,539	19,735	20,605	34,379	46,750	47,135
Capital expenditures	42,503	44,370	47,318	44,059	39,276	41,787	41,727	50,216	69,052	78,647	107,074
Depreciation and amortization	46,232	39,779	40,673	42,137	38,761	38,565	39,459	37,704	68,643	97,726	91,964
At year-end											
Total assets	933,162	985,771	1,009,843	940,494	932,698	1,026,999	1,074,983	1,076,381	2,203,606	2,142,390	2,093,744
Total net assets	314,966	345,811	319,087	308,142	311,231	368,994	465,340	519,433	718,080	818,452	574,718
Shareholders' equity ratio(%)	29.2	30.6	29.7	31.5	31.8	34.3	41.5	46.4	18.4	24.0	26.3
Return on equity (ROE)(%)	3.6	3.2	1.0	0.3	4.1	11.5	27.9	15.5	(16.9)	(2.6)	6.1
Interest-bearing debt*1	342,262	353,686	383,124	368,835	359,929	346,726	287,968	303,192	1,060,146	850,603	1,062,637
Debt/equity ratio (gross, times)*1	1.09	1.02	1.20	1.20	1.16	0.94	0.62	0.60	1.84	1.15	1.07
Per share*2 (yen)											
Net income (loss)—primary*3	6.26	6.06	1.99	6.45	86.27	262.44	758.15	501.03	(523.06)	(77.40)	179.02
Net assets	182.24	201.27	209.76	2,076.05	2,080.85	2,473.06	3,057.16	3,423.25	2,782.79	2,838.51	3,038.35
Cash dividends (applicable to the period)	3.00	3.00	3.00	3.00	_	80.00 *4	120.00	130.00	65.00	65.00	65.00

^{*1} From the third quarter of 2020, due to former Hitachi Chemical, becoming a consolidated subsidiary, the D/E ratio reflects the following situation: regarding preferred shares issued by HC Holdings K.K., a subsidiary, posted under non-controlling interests on the consolidated balance sheets, the value equivalent to 50% is added to each of interest-bearing debt, and shareholders' equity, in consideration of the characteristics of the capital structure. For interest-bearing debt, net value is indicated after excluding cash and deposits and adding debt on lease. For Determination of the 50/50 allocation for preferred shares in light of the characteristics of the capital structure is based on the rating of Japan Credit Rating Agency, dated April 21, 2020. This change in accounting standards for the D/E ratio from 2020 has been retroactively reflected in 2019 figures. Furthermore, in regard to the subordinated loans taken out in order to purchase preferred stock, 50% of this amount is deducted from interest-bearing debt and added to shareholders' equity. Determination of the 50/50 allocation for the subordinated loan in light of the characteristics of the capital structure is based on the rating of Japan Credit Rating Agency, dated October 4, 2022.

*2 Resonac consolidated every 10 shares of common stock into one share on July 1, 2016. "Per share" indicators for 2015 and 2016 (except for cash dividends) are calculated on the basis of the number of outstanding shares after this consolidation.

*4 Resonac resolved payment of dividends of \$30.00 per share based on the except and the extraordinary general meeting of shareholders held in June 2017. Cash dividends applicable to 2017 include this amount.

*5 Our subsidiary former Hittachi Chemical (current Resonac Corporation) and its Japaneses subsidiaries previously adopted the International Financial Reporting Standards (IFRS), but switched to Japanese Generally Accepted Accounting Principles (JGAAP) from fiscal 2023. This change has been applied retroactively and the

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		2014	2015	2016	2017		2018	2019	2020	2021	2022
Nonfinancial data	Scope up to 2017					Scope in and after 2018					
Number of employees (persons)	2014-2017: Former Showa	10,577	10,561	10,146	10,864	Consolidated	33,465	33,908	33,684	26,054	25,803
Ratio of employees working outside Japan (%)	Denko (non-consolidated)	43.9	44.4	40.1	44.0	Consolidated	54.2	54.5	54.6	51.2	50.8
Number of female managers (persons)	2014-2017: Former Showa	18	23	26	28	2018-2021: Resonac (non-consoli- dated) + Subsidiaries of former Showa Denko in and outside	162	170	170	148	397
Ratio of female managers (%)	Denko (consolidated)	2.3	3.0	3.4	3.7	Japan 2022: Consolidated	7.0	7.1	7.1	7.3	12.6
Greenhouse gas emissions (Scope 1 + Scope 2; kt-C0 ₂)		3,650	3,683	3,714	3,654	Consolidated	4,708	4,562	4,213	4,422	4,270
Amount of Water used (excluding seawater; thousand m³)	2014-2017: Former Showa Denko (consolidated in Japan)	62,620	60,040	58,720	59,470	2018-2021: Resonac (non-consolidated) and former Showa Denko subsidiaries (in and outside Japan) 2022: Consolidated	67,306	68,060	67,522	64,261	68,292
Ratio of industrial waste sent to landfills (%)		1.08	0.95	0.32	0.38	Resonac (consolidated in Japan) and former Hitachi Chemical Subsidiaries (outside Japan)	1.8	1.8	1.0	1.4	2.5

For non-financial data, boundaries (scope of data) differ depending on the item and time period.

Upon the integration of the former Showa Denko and the former Hitachi Chemical, we have re-examined boundaries and figures for past fiscal years, making some adjustments in our disclosures. Additionally, water intake data up until 2017 is expressed in units of 10,000 m³.

For performance data on ESG (environment, society, governance) please refer to our website.

Consolidated Balance Sheets Web

Note: The U.S. dollar amounts appearing on the following pages represent the arithmetical results of translating yen into U.S. dollars at the rate of ¥132.70 to US\$1.00, the approximate rate of exchange as at December 31, 2022.

	Millions	of yen	Thousands of U.S. dollars
	2022	2021	2022
ASSETS			
Current assets			
Cash and deposits	¥ 187,126	¥ 236,237	\$ 1,410,140
Notes and accounts receivable	297,681	319,546	2,243,262
Allowance for doubtful accounts	(1,254)	(1,426)	(9,449
Inventories	250,574	203,879	1,888,273
Other current assets	54,057	40,295	407,363
Total current assets	788,183	798,531	5,939,588
Property, plant and equipment			
Land	234,425	242,556	1,766,577
Buildings and structures	361,289	343,574	2,722,599
Machinery, equipment and vehicles	1,039,169	955,138	7,830,963
Leased assets	28,740	30,429	216,580
Construction in progress	50,866	38,782	383,313
	1,714,488	1,610,479	12,920,032
Less: Accumulated depreciation	(1,032,570)	(950,958)	(7,781,238
Net property, plant and equipment	681,918	659,521	5,138,794
Investments and other assets			
Goodwill	295,355	311,766	2,225,735
Customer related assets	133,639	141,141	1,007,079
Investment securities	84,041	103,798	633,318
Long-term loans	777	674	5,853
Net defined benefit asset	18,046	33,088	135,990
Deferred tax assets	17,169	15,207	129,379
Other	81,915	79,131	617,291
Allowance for doubtful accounts	(622)	(466)	(4,687
Total investments and other assets	630,320	684,338	4,749,959
Total assets	¥ 2,100,421	¥ 2,142,390	\$15,828,342

	Millions	of yen	Thousands of U.S. dollars
_	2022	2021	2022
LIABILITIES AND NET ASSETS			
Current liabilities			
Short-term debt	¥ 72,419	¥ 74,451	\$ 545,734
Current portion of long-term debt	42,677	72,857	321,603
Notes and accounts payable	263,402	239,897	1,984,947
Income taxes payable	5,983	17,180	45,083
Provision for repairs	19	4,848	143
Provision for bonuses	9,489	8,815	71,505
Provision for bonuses for directors	47	71	356
Provision for stock payments	21	39	155
Other current liabilities	68,495	70,492	516,167
Total current liabilities	462,551	488,650	3,485,693
Noncurrent liabilities	000 /00	100 / 10	
Long-term debt less current portion	932,400	683,448	7,026,372
Deferred tax liabilities	51,416	60,144	387,457
Provision for repairs	1,260	96	9,495
Provision for stock payments	302	196	2,272
Provision for business structure improvement	772	812	5,819
Net defined benefit liability	9,981	17,523	75,212
Deferred tax liabilities for land revaluation	29,525	30,128	222,497
Other noncurrent liabilities	37,538	42,941	282,877
Total noncurrent liabilities Contingent liabilities	1,063,192	835,287	8,011,999
Net assets			
Shareholders' equity			
Capital stock			
Authorized, 330,000,000 shares			
Issued (2022): 184,901,292 shares	182,146	_	1,372,616
Issued (2021): 184,901,292 shares	-	182.146	-
Capital surplus	108,140	119,772	814,922
Retained earnings	163,425	143,335	1,231,540
Less: Treasury stock at cost (2022): 3,784,720 shares	(11,612)	,	(87,505)
Less: Treasury stock at cost (2021): 3,824,243 shares	-	(11,655)	(0.,000,
Total shareholders' equity	442,100	433,598	3,331,573
Accumulated other comprehensive income	,	,	· ·
Valuation difference on available-for-sale securities	559	2,838	4,214
Deferred gains or losses on hedges	1,461	1,167	11,007
Revaluation reserve for land	27,915	28,928	210,362
Foreign currency translation adjustments	72,008	38,421	542,638
Remeasurements of defined benefit plans	6,211	9,036	46,804
Total accumulated other comprehensive income	108,154	80,391	815,026
Non-controlling interests	24,423	304,463	184,050
Total net assets	574,677	818,452	4,330,649
Total liabilities and net assets	¥ 2,100,421	¥ 2,142,390	\$15,828,342

Consolidated Statements of Operations

Resonac Holdings Corporation and Consolidated Subsidiaries For the years ended December 31, 2022 and 2021

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Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses — (32,767) — Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) — (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes Current 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746		Millions	of yen	Thousands of U.S. dollars
Cost of sales 1,089,639 1,081,642 8,211,295 Gross profit 302,983 337,994 2,283,214 Selling, general and administrative expenses 243,611 250,796 1,835,805 Operating income 59,371 87,198 447,410 Other income (expenses) 447,410 1,834 2,267 13,821 Equity in earnings of unconsolidated subsidiaries and affiliates 3,630 5,251 27,352 Gain on sales of investment securities, net 4,731 5,814 35,654 Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses 3,504) (12,078) (26,405) Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly	_	2022	2021	2022
Gross profit 302,983 337,994 2,283,214 Selling, general and administrative expenses 243,611 250,796 1,835,805 Operating income 59,371 87,198 447,410 Other income (expenses) 1,834 2,267 13,821 Equity in earnings of unconsolidated subsidiaries and affiliates 3,630 5,251 27,352 Gain on sales of investment securities, net 4,731 5,814 35,654 Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses - (32,767) - Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) - (42,042) Other, net (10,788) (64	Net sales	¥ 1,392,621	¥ 1,419,635	\$10,494,509
Selling, general and administrative expenses 243,611 250,796 1,835,805 Operating income 59,371 87,198 447,410 Other income (expenses) 1,834 2,267 13,821 Equity in earnings of unconsolidated subsidiaries and affiliates 3,630 5,251 27,352 Gain on sales of investment securities, net 4,731 5,814 35,654 Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses - (32,767) - Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) - (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) </td <td>Cost of sales</td> <td>1,089,639</td> <td>1,081,642</td> <td>8,211,295</td>	Cost of sales	1,089,639	1,081,642	8,211,295
Operating income 59,371 87,198 447,410 Other income (expenses) 1,834 2,267 13,821 Equity in earnings of unconsolidated subsidiaries and affiliates 3,630 5,251 27,352 Gain on sales of investment securities, net 4,731 5,814 35,654 Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses - (32,767) - Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) - (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income taxes (8,092) (6,688) (60,976)	Gross profit	302,983	337,994	2,283,214
Other income (expenses) 1,834 2,267 13,821 Equity in earnings of unconsolidated subsidiaries and affiliates 3,630 5,251 27,352 Gain on sales of investment securities, net 4,731 5,814 35,654 Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses - (32,767) - Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) - (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes (8,092) (6,688) (60,976) Net income 38,058 2,657 286,7	Selling, general and administrative expenses	243,611	250,796	1,835,805
Interest and dividends income 1,834 2,267 13,821 Equity in earnings of unconsolidated subsidiaries and affiliates 3,630 5,251 27,352 Gain on sales of investment securities, net 4,731 5,814 35,654 Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses - (32,767) - Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) - (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes (8,092) (6,688) (Operating income	59,371	87,198	447,410
Equity in earnings of unconsolidated subsidiaries and affiliates 3,630 5,251 27,352 Gain on sales of investment securities, net 4,731 5,814 35,654 Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses - (32,767) - Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) - (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796	Other income (expenses)			
Gain on sales of investment securities, net 4,731 5,814 35,654 Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses - (32,767) - Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) - (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746 <td>Interest and dividends income</td> <td>1,834</td> <td>2,267</td> <td>13,821</td>	Interest and dividends income	1,834	2,267	13,821
Foreign exchange gain 10,632 4,281 80,124 Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses - (32,767) - Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) - (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes (20,767) 140,291 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Equity in earnings of unconsolidated subsidiaries and affiliates	3,630	5,251	27,352
Gain on sales of noncurrent assets, net 13,470 1,104 101,505 Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses — (32,767) — Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) — (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes Current 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Gain on sales of investment securities, net	4,731	5,814	35,654
Interest expenses (15,744) (10,006) (118,642) Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses — (32,767) — Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) — (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes Current 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Foreign exchange gain	10,632	4,281	80,124
Loss on retirement of noncurrent assets (6,045) (4,838) (45,555) Impairment loss (10,091) (11,564) (76,042) Business structuring expenses — (32,767) — Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) — (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes Current 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Gain on sales of noncurrent assets, net	13,470	1,104	101,505
Impairment loss (10,091) (11,564) (76,042) Business structuring expenses — (32,767) — Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) — (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes Urrent 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Interest expenses	(15,744)	(10,006)	(118,642)
Business structuring expenses — (32,767) — Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) — (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes Urrent 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Loss on retirement of noncurrent assets	(6,045)	(4,838)	(45,555)
Loss on sale of businesses (3,504) (12,078) (26,405) Loss related to the Antimonopoly Act (5,579) — (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes Current 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Impairment loss	(10,091)	(11,564)	(76,042)
Loss related to the Antimonopoly Act (5,579) — (42,042) Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes Current 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Business structuring expenses	_	(32,767)	_
Other, net (4,123) (11,737) (31,068) Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes 20,926 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Loss on sale of businesses	(3,504)	(12,078)	(26,405)
Total (10,788) (64,272) (81,299) Income before income taxes 48,583 22,926 366,111 Income taxes 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Loss related to the Antimonopoly Act	(5,579)	_	(42,042)
Income before income taxes 48,583 22,926 366,111 Income taxes 18,617 26,957 140,291 Current (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Other, net	(4,123)	(11,737)	(31,068)
Income taxes 18,617 26,957 140,291 Current (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Total	(10,788)	(64,272)	(81,299)
Current 18,617 26,957 140,291 Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Income before income taxes	48,583	22,926	366,111
Deferred (8,092) (6,688) (60,976) Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Income taxes			
Net income 38,058 2,657 286,796 Net income attributable to non-controlling interests 7,265 14,751 54,746	Current	18,617	26,957	140,291
Net income attributable to non-controlling interests 7,265 14,751 54,746	Deferred	(8,092)	(6,688)	(60,976)
	Net income	38,058	2,657	286,796
Not income (locs) attributable to expert of the parent Y 20.702 Y (12.00/) # 222.051	Net income attributable to non-controlling interests	7,265	14,751	54,746
Net income (toss) and ibutable to owners of the parent # 50,775 # (12,074) \$ 232,031	Net income (loss) attributable to owners of the parent	¥ 30,793	¥ (12,094)	\$ 232,051

	Yen		U.S. dollars
Per share amounts			
Net income (loss) attributable to owners of the parent: Basic	¥170.03	¥(77.40)	\$1.28
Net income (loss) attributable to owners of the parent: Diluted	170.03	(77.40)	1.28
Cash dividends (applicable to the period)	65.00	65.00	0.49

Notes: Net income per share has been computed based on the average number of shares of common stock outstanding during the respective fiscal year.

See notes to financial statements.

Consolidated Statements of Comprehensive Income

Resonac Holdings Corporation and Consolidated Subsidiaries For the years ended December 31, 2022 and 2021

	Millions o	Thousands of U.S. dollars	
	2022	2021	2022
Net income	¥38,058	¥ 2,657	\$286,796
Other comprehensive income:			
Valuation difference on available-for-sale securities, net of tax	(2,246)	(949)	(16,925)
Deferred gains or losses on hedges, net of tax	294	259	2,213
Foreign currency translation adjustments	32,932	39,074	248,170
Remeasurements of defined benefit plans, net of tax	(2,805)	8,927	(21,140)
Share of other comprehensive income of unconsolidated subsidiaries and affiliates accounted for using equity method	1.763	958	13,285
Total other comprehensive income	¥29,937	¥48,268	\$225,602
Comprehensive income	¥67,995	¥50,925	\$512,399
Comprehensive income attributable to:			
Owners of the parent	59,569	35,111	448,899
Non-controlling interests	8,426	15,814	63,499

See notes to financial statements.

Consolidated Statements of Changes in Net Assets

Resonac Holdings Corporation and Consolidated Subsidiaries For the years ended December 31, 2022 and 2021

	Thousands						Millions of yen					
						Valuation difference			Foreign currency			
	Number of shares of capital stock	Capital stock	Canital surnlus	Retained earnings	Treasury stock	on available-for- sale securities	Deferred gains or losses on hedges	Revaluation reserve for land	translation adjustments	Remeasurements of defined benefit plans	Non-controlling interests	Total net assets
Balance as at December 31, 2020	149,711	¥140,564	¥ 78,190	¥165,572	¥(11,657)	¥ 3.728	¥908	¥29.034	¥ (506)	¥ 128	¥ 312,119	¥ 718,080
Issuance of new shares	35,190	41.583	41,583	-	-	-	_	-	_	_	-	83,165
Dividends from surplus	_	_	_	(9,500)	_	_	_	_	_	_	_	(9.500)
Net loss attributable to owners of the parent	_	_	_	(12,094)	_	_	_	_	_	_	_	(12,094)
Purchase of treasury stock	_	_	_		(6)	_	_	_	_	_	_	(6)
Disposal of treasury stock	_	_	0	_	7	_	_	_	_	_	_	7
Increase by increase of consolidated subsidiaries	_	_	_	45	_	_	_	_	_	_	_	45
Increase by decrease of consolidated subsidiaries	_	_	_	_	_	_	_	_	_	_	_	_
Decrease by decrease of consolidated subsidiaries	_	_	_	(690)	_	_	_	_	_	_	_	(690)
Change in treasury shares of the parent arising from transactions with non-controlling shareholders	_	_	_	_	_	_	_	_	_	_	_	_
Changes in liabilities for written put options												
over non-controlling interests	_	_	_	_	_	_	_	_	_	_	_	_
Reversal of revaluation reserve for land	_	_	_	1	_	_	_	_	_	_	_	1
Net changes of items other than shareholders' equity	_	_	_	_	_	(890)	259	(106)	38,928	8,909	(7,656)	39,443
Balance as at December 31, 2021	184,901	¥182,146	¥119,772	¥143,335	¥(11,655)	¥2,838	¥1,167	¥28,928	¥38,421	¥9,036	¥ 304,463	¥ 818,452
Issuance of new shares	_	_	-	_	_	-	-	-	_	-	-	_
Dividends from surplus	_	_	_	(11,788)	_	_	_	_	_	_	_	(11,788)
Net income attributable to owners of the												
parent	_	_	_	30,793	_	_	_	_	_	_	_	30,793
Purchase of treasury stock	_	_	_	_	(3)	_	_	-	_	_	_	(3)
Disposal of treasury stock	-	-	(0)	-	46	-	_	-	_	_	_	46
Increase by increase of consolidated subsidiaries	_	_	_	_	_	_	_	-	_	_	_	_
Increase by decrease of consolidated subsidiaries	-	-	-	72	_	-	_	-	_	_	_	72
Decrease by decrease of consolidated subsidiaries	_	_	_	_	_	_	_	-	_	_	_	_
Change in treasury shares of the parent arising from transactions with non-controlling shareholders	_	_	(29)	_	_	_	_	_	_	_	_	(29)
Changes in liabilities for written put options over non-controlling interests	_	_	(11,603)) –	_	_	_	_	_	_	_	(11,603)
Reversal of revaluation reserve for land	_	_	_	1,013	_	_	_	_	_	_	_	1,013
Net changes of items other than shareholders' equity	_	_	_	· –	_	(2,279)	294	(1,013)	33,587	(2,826)	(280,040)	(252,277)
Balance as at December 31, 2022	184,901	¥182,146	¥108,140	¥163,425	¥(11,612)	¥ 559	¥1,461	¥27,915	¥72,008	¥6,211	¥ 24,423	¥ 574,677

	Thousands					Th	ousands of U.S. doll	ars				
						Valuation difference			Foreign currency			
	Number of shares of capital stock	Capital stock	Capital surplus	Retained earnings	Treasury stock	on available-for- sale securities	Deferred gains or losses on hedges	Revaluation reserve for land	translation adjustments	Remeasurements of defined benefit plans	Non-controlling interests	Total net assets
Balance as at December 31, 2021	184,901	\$1,372,616	\$902,579		\$(87,830)	\$ 21,390		\$217,996	\$289,535	\$ 68,097	\$ 2,294,372	\$ 6,167,688
Issuance of new shares	_	_	_	-	_	_	_	_	-	_	_	_
Dividends from surplus	_	_	_	(88,829)	_	_	_	_	_	_	_	(88,829)
Net loss attributable to owners of the parent	_	_	_	232,051	_	_	_	_	_	_	_	232,051
Purchase of treasury stock	_	_	_	_	(23)	_	_	_	_	_	_	(23)
Disposal of treasury stock	_	_	(1) –	349	_	_	_	_	_	_	347
Increase by increase of consolidated subsidiaries	_	_	_	_	_	_	_	_	_	_	_	_
Increase by decrease of consolidated subsidiaries	_	_	_	544	_	_	_	_	_	_	_	544
Decrease by decrease of consolidated subsidiaries	_	_	_	_	_	_	_	_	_	_	_	_
Change in treasury shares of the parent arising from transactions with non-controlling shareholders	_	_	(218) –	_	_	_	_	_	_	_	(218
Changes in liabilities for written put options over non-controlling interests	_	_	(87,438) –	_	_	_	_	_	_	_	(87,438
Change due to merger	_	_	_	_	_	_	_	_	_	_	_	_
Reversal of revaluation reserve for land	_	_	_	7,634	_	_	_	_	_	_	_	7,634
Net changes of items other than shareholders' equity	_	_	_	_	_	(17,175	2,213	(7,634)	253,103	(21,292)	(2,110,322)	(1,901,107
Balance as at December 31, 2022	184,901	\$1,372,616	\$814,922	\$1,231,540	\$(87,505)	\$ 4,214	\$11,007	\$210,362	\$542,638	\$ 46,804	\$ 184,050	\$ 4,330,649

Consolidated Statements of Cash Flows

Resonac Holdings Corporation and Consolidated Subsidiaries For the years ended December 31, 2022 and 2021

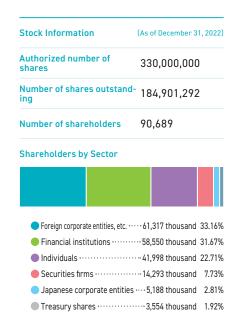
RESONAC REPORT 2023

	Millions	of yen	Thousands of U.S. dollars
_	2022	2021	2022
Cash flows from operating activities			
Income before income taxes	¥ 48,583	¥ 22,926	\$ 366,111
Adjustments for:			
Depreciation and amortization	92,716	97,726	698,690
Impairment loss	10,091	11,564	76,042
Amortization of goodwill	16,843	17,720	126,923
Increase (decrease) in net defined benefit liability	(2,383)	4,038	(17,960
Interest and dividends income	(1,834)	(2,267)	(13,82
Interest expenses	15,744	10,006	118,64
Equity in (earnings) losses of unconsolidated subsidiaries and affiliates	(3,630)	(5,251)	(27,35
Loss (gain) on sales and valuation of investment securities	(4,952)	(5,101)	(37,31
Loss on retirement of noncurrent assets	6,045	4,838	45,55
Loss (gain) on sales of noncurrent assets	(13,470)	(1,104)	(101,50
Loss (gain) on sales of businesses	3,504	(3,045)	26,40
Business structuring expenses	_	32,767	_
Loss related to the Antimonopoly Act	5.579	_	42.04
Decrease (increase) in notes and accounts receivable-trade	23.653	(51.628)	178,24
Decrease (increase) in inventories	(40,083)	(43,739)	(302,05
Increase (decrease) in notes and accounts payable-trade	(18,592)	72,694	(140,10
Other, net	1,157	(34,230)	8,72
Subtotal	138,971	127,914	1,047,26
Interest and dividends income received	8,686	7,266	65,45
Interest expenses paid	(15,641)	(9,999)	(117,86
Income taxes (paid) refund	(31,667)	(9,898)	(238,63
Net cash provided by (used in) operating activities	100,349	115,283	756,20
Cash flows from investing activities	,	,=	,
Payments into time deposits	(1,606)	(1,666)	(12,10
Proceeds from withdrawal of time deposits	2.570	1.507	19,36
Purchase of property, plant and equipment	(87,857)	(67,741)	(662,06
Proceeds from sales of property, plant and equipment	20,960	2,223	157.94
Purchase of investment securities	(1,667)	(3,270)	(12,56
Proceeds from sales of investment securities	22,019	9,318	165,92
Proceeds from sales of investments in subsidiaries resulting in change in scope of consolidation		84,133	-
Net decrease (increase) in short-term loans receivable	774	(1,230)	5,83
Payments of long-term loans receivable	(410)	(246)	(3,08
Collection of long-term loans receivable	251	14,271	1,89
Other, net	(9.701)	(8,693)	(73,10
Net cash provided by (used in) investing activities	(54,667)	28,606	(411,96

	Millions o	f yen	Thousands of U.S. dollars
	2022	2021	2022
Cash flows from financing activities			
Net increase (decrease) in short-term debt	(3,162)	11,352	(23,832)
Proceeds from long-term loans payable	409,600	24,300	3,086,662
Repayments of long-term loans payable	(285,642)	(307,247)	(2,152,536)
Proceeds from share issuance of bonds	112,536	99,539	848,045
Redemption of bonds	(20,000)	(25,000)	(150,716)
Proceeds from issuance of preferred stock	_	82,405	_
Purchase of treasury stock	(3)	(7)	(23)
Cash dividends paid	(11,758)	(9,479)	(88,609)
Proceeds from stock issuance to non-controlling shareholders	_	29,766	_
Cash dividends paid to non-controlling shareholders	(13,025)	(16,117)	(98,152)
Purchase of investments in subsidiaries without change in scope of consolidation	(287,635)	(5,293)	(2,167,558)
Other, net	(4,875)	(5,960)	(36,745)
Net cash provided by (used in) financing activities	(103,964)	(121,741)	(783,451)
Effect of exchange rate changes on cash and cash equivalents	10,027	14,634	75,565
Net increase (decrease) in cash and cash equivalents	(48,255)	36,782	(363,641)
Cash and cash equivalents at the beginning of the year	234,938	197,928	1,770,446
Increase in cash and cash equivalents resulting from newly consolidated subsidiaries		229	_
Cash and cash equivalents at the end of the year	¥ 186,683	¥ 234,938	\$ 1,406,805

Corporate Data/Stock Information

Corporate Data	(As of June 30, 2023)
Company Name	Resonac Holdings Corporation
Head Office	Tokyo Shiodome Bldg., 1-9-1,
	Higashi-Shimbashi, Minato-ku,
	Tokyo 105-7325, Japan
Formed	June 1939
Capital (As of March 31, 2023)	¥182,146 million
Consolidated Number of Employees (As of December 31, 2022)	25,803
Affiliates	
(As of March 31, 2023)	Consolidated Subsidiaries: 104
Subsidiaries (Japan)	Equity method applied: 12





	Stake in the Company			
Name of shareholders	Number of shares held (in thousands)	Rate of shareholding (%)		
The Master Trust Bank of Japan Ltd. (Trust Account)	28,130	15.51		
KOREA SECURITIES DEPOSITORY - SAMSUNG	9,062	5.00		
Custody Bank of Japan, Ltd. (Trust Account)	7,667	4.23		
STATE STREET BANK AND TRUST COMPANY 510312	4,905	2.70		
STATE STREET BANK AND TRUST COMPANY 505223	4,850	2.67		
Fukoku Mutual Life Insurance Company	4,517	2.49		
JPMorgan Securities Japan Co., Ltd.	4,474	2.47		
STATE STREET BANK AND TRUST COMPANY 510311	4,135	2.28		
SMBC Nikko Securities Inc.	3,051	1.68		
HSBC BANK PLC A/C M AND G (ACS)	2,854	1.57		

Note: Each rate of shareholding was calculated after deducting the number of treasury shares (3,554 thousand) from the number of shares outstanding.

Stock Information

	Fiscal 2018	Fiscal 2019	Fiscal 2020	Fiscal 2021	Fiscal 2022
Year-end stock price (yen)	3,270	2,899	2,197	2,415	2,020
Dividends per share (yen)	120	130	65	65	65
Payout ratio (%)	67.7	40.5	34.8	33.1	35.5
Total shareholder return (TSR)		Past year	Past 3 years	Past 5 years	Past 10 years
Resonac		86.3%	76.4%	51.2%	201.1%
TOPIX (including dividends)		97.5%	118.1%	117.2%	274.2%

- * TSR: Total shareholder return. The total rate of return on investments, consisting of capital gains and dividend
- * TSR for Resonac is calculated based on accumulated dividends and stock price fluctuations. TSR for TOPIX is calculated based on dividend included stock index (see Japan Exchange Group's monthly statistics report data).

Editorial Policies

Caution Regarding

Forward-Looking

Statements

Editorial Policies			
Publication Date	July 2023		
Reporting Period	January 1, 2022 to December 31, 2022 Some information on disclosure items and business activities from after January 1, 2023, is also provided.		
Scope	Resonac Holdings Corporation and its consolidated subsidiaries		
Referenced Guidelines	This report was prepared while referencing the International Integrated Reporting Framework of the Value Reporting Foundation; the SASB Standards of the Sustainability Accounting Standards Board of the United States; the Guidance for Integrated Corporate Disclosure and Company-Investor Dialogue for Collaborative Value Creation: ESG Integration, Non-Financial Information Disclosure, and Intangible Assets into Investment of the Ministry of Economy, Trade and Industry; the Sustainability Reporting Standards of the Global Reporting Initiative; and the final report of the Task Force on Climate-related Financial Disclosures.		
Display Methods in This Report	Figures and information in this report refer to the Resonac Group. Official names are used when referring to Resonac Holdings Corporation or Resonac Corporation as a non-consolidated entity. When figures or information for the former Showa Denko or the former Hitachi Chemical (Showa Denko Materials) before 2023 is provided, they are indicated as "former Showa Denko" or "former Hitachi Chemical."		
Scope for Results Data	Financial: Resonac Holdings Corporation and its 121 consolidated subsidiaries and affiliates accounted for using equity method 122 companies in total Others: Resonac Holdings Corporation and its consolidated subsidiaries *However, please refer to the relevant website for details on the scope of environmental and safety data.		
Third-Party Verification of Environmental and Safety Data	Data disclosed by the Company are submitted to third-party verification each year to ensure reliability. For details, please refer to the relevant website.		

Performance forecasts and other forward-looking statements are based on

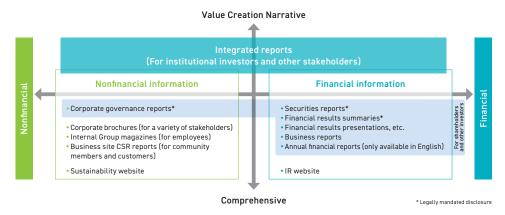
information available as of the time of publication of this report and certain

due to risks, uncertainty, or other factors.

assumptions judged to be reasonable. Actual performance may vary materially

Disclosure Materials

Resonac discloses information through its integrated reports and a variety of other communication tools.



Process of Preparing Resonac Report 2023

- 1 Decision of direction and message during meetings of the Sustainability Promotion Council, attended by the CEO and all other chief officers
- Planning and preparation of content by means of monthly planning meetings

 Members: CFO Hideki Somemiya, CSO Tomomitsu Maoka, and staff from the Investor Relations Department, the Organization & Talent Development Department, the Culture Communication Department, the Corporate

Planning Department, the Brand Communication Department, and the Sustainability Department

- 3 Collaboration with content and support members from relevant divisions and draft writing
- 4 Discussion and approval by the Management Committee and the Board of Directors



Data

Company Data

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Kick-off of planning meeting













A video highlighting Resonac's corporate philosophy as a Co-creative Chemical Company is available on our YouTube channel.

Resonac Holdings Corporation Resonac Corporation

Tokyo Shiodome Bldg., 1-9-1, Higashi-Shimbashi, Minato-ku, Tokyo 105-7325, Japan

Head Office of Resonac was relocated to Shiodome in June 2023.

https://www.resonac.com/

Video Interactive safety patrol in new office