INTERIM CONSOLIDATED FINANCIAL STATEMENTS OF SAMSUNG ELECTRONICS CO., LTD. AND ITS SUBSIDIARIES INDEX TO FINANCIAL STATEMENTS

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Independent Auditors' Review Report

[English Translation of Independent Auditors' Review Report Originally Issued in Korean on May 14, 2021]

To the Shareholders and the Board of Directors of Samsung Electronics Co., Ltd.

Reviewed Interim Consolidated Financial Statements

We have reviewed the accompanying interim consolidated financial statements of Samsung Electronics Co., Ltd. and its subsidiaries (collectively referred to as the "Company"). The interim consolidated financial statements consist of the consolidated statement of financial position as of March 31, 2021, and the related consolidated statements of profit or loss, comprehensive income, changes in equity and cash flows for the three-month periods ended March 31, 2021 and 2020, all expressed in Korean won, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Interim Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these interim consolidated financial statements in accordance with Korean International Financial Reporting Standards ("K-IFRS") No. 1034 *Interim Financial Reporting*, and for such internal control as management determines is necessary to enable the preparation of interim consolidated financial statements that are free from material misstatement, whether due to fraud or error.

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Auditor's Responsibility

Our responsibility is to express a conclusion on the accompanying interim consolidated financial statements based on our reviews.

We conducted our reviews in accordance with the Review Standards for Quarterly and Semi-annual Financial Statements established by the Securities and Futures Commission of the Republic of Korea. A review of interim consolidated financial statements consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Korean Standards on Auditing and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion

Based on our reviews, nothing has come to our attention that causes us to believe that the accompanying interim consolidated financial statements referred to above are not presented fairly, in all material respects, in accordance with K-IFRS No.1034 *Interim Financial Reporting*.

Other Matters

We have audited the consolidated statement of financial position of the Company as of December 31, 2020, and the related consolidated statements of profit or loss, comprehensive income, changes in equity and cash flows for the year then ended, in accordance with Korean Standards on Auditing. We expressed an unqualified opinion on those financial statements, not presented herein, in our audit report dated February 17, 2021. The consolidated statement of financial position as of December 31, 2020, presented herein for comparative purposes, is consistent, in all material respects, with the above audited consolidated statement of financial position as of December 31, 2020.

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Seoul, Korea

May 14, 2021

Notice to Readers

This review report is effective as of May 14, 2021, the auditors' review report date. Certain subsequent events or circumstances may have occurred between the auditors' review report date and the time the auditors' review report is read. Such events or circumstances could significantly affect the financial statements and may result in modifications to the auditors' review report.

INTERIM CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(In millions of Korean won, in thousands of US dollars (Note 2.3))

		March 31,	December 31,	March 31,	December 31,
	Notes	2021	2020	2021	2020
		KRW	KRW	USD	USD
Assets					
Current assets					
Cash and cash equivalents	3, 25	41,039,591	29,382,578	36,866,507	26,394,830
Short-term financial instruments	3, 25	87,159,273	92,441,703	78,296,540	83,041,830
Short-term financial assets at amortized cost Short-term financial assets at fair value	3, 25	3,526,888	2,757,111	3,168,259	2,476,756
through profit or loss	3, 4, 25	59,495	71,451	53,445	64,186
Trade receivables	3, 25	33,962,077	30,965,058	30,508,666	27,816,397
Non-trade receivables	3, 25	3,828,263	3,604,539	3,438,989	3,238,014
Prepaid expenses		2,660,029	2,266,100	2,389,546	2,035,673
Inventories	5	30,619,976	32,043,145	27,506,404	28,784,859
Other current assets	3, 25	4,594,468	3,754,462	4,127,282	3,372,691
Assets held-for-sale	28	1,705,293	929,432	1,531,891	834,923
		209,155,353	198,215,579	187,887,529	178,060,159
Non-current assets					
Financial assets at fair value through other comprehensive income Financial assets at fair value	3, 4, 25	13,399,200	12,575,216	12,036,711	11,296,513
through profit or loss	3, 4, 25	1,121,071	1,202,969	1,007,076	1,080,646
Investment in associates and joint ventures	6	8,096,721	8,076,779	7,273,411	7,255,497
Property, plant and equipment	7	132,747,712	128,952,892	119,249,349	115,840,403
Intangible assets	8	18,386,683	18,468,502	16,517,045	16,590,545
Net defined benefit assets	11	1,041,056	1,355,502	935,197	1,217,669
Deferred income tax assets		4,087,139	4,275,000	3,671,541	3,840,299
Other non-current assets	3, 25	4,791,339	5,113,279	4,304,135	4,593,339
		183,670,921	180,020,139	164,994,465	161,714,911
Total assets		392,826,274	378,235,718	352,881,994	339,775,070

INTERIM CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(In millions of Korean won, in thousands of US dollars (Note 2.3))

		March 31,	December 31,	March 31,	December 31,
	Notes	2021	2020	2021	2020
		KRW	KRW	USD	USD
Liabilities and Equity					
Current liabilities					
Trade payables	3, 25	11,133,583	9,739,222	10,001,472	8,748,896
Short-term borrowings	3, 9, 25	16,148,220	16,553,429	14,506,199	14,870,205
Other payables	3, 25	26,582,724	11,899,022	23,879,677	10,689,078
Advances received	14	1,785,500	1,145,423	1,603,943	1,028,951
Withholdings	3, 25	1,005,454	974,521	903,215	875,427
Accrued expenses	3, 14, 25	22,442,686	24,330,339	20,160,616	21,856,325
Current income tax liabilities		4,457,647	4,430,272	4,004,374	3,979,783
Current portion of long-term liabilities	3, 9, 10, 25	737,865	716,099	662,836	643,283
Provisions	12	4,509,377	4,349,563	4,050,844	3,907,281
Other current liabilities	3, 14, 25	1,105,971	1,127,719	993,511	1,013,048
Liabilities held-for-sale	28	200,435	338,742	180,054	304,297
		90,109,462	75,604,351	80,946,741	67,916,574
Non-current liabilities					
Debentures	3, 10, 25	962,755	948,137	864,858	851,726
Long-term borrowings	3, 9, 25	2,123,829	1,999,716	1,907,869	1,796,376
Long-term other payables	3, 25	1,509,926	1,682,910	1,356,390	1,511,784
Net defined benefit liabilities	11	489,469	464,458	439,698	417,230
Deferred income tax liabilities		20,206,147	18,810,845	18,151,498	16,898,077
Long-term provisions	12	1,113,153	1,051,428	999,963	944,514
Other non-current liabilities	3, 14, 25	2,042,942	1,725,857	1,835,206	1,550,364
		28,448,221	26,683,351	25,555,482	23,970,071
Total liabilities		118,557,683	102,287,702	106,502,223	91,886,645

INTERIM CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(In millions of Korean won, in thousands of US dollars (Note 2.3))

		March 31,	December 31,	March 31,	December 31,
	Notes	2021	2020	2021	2020
		KRW	KRW	USD	USD
Equity attributable to owners of the Company					
Preference shares	15	119,467	119,467	107,319	107,319
Ordinary shares	15	778,047	778,047	698,932	698,932
Share premium		4,403,893	4,403,893	3,956,086	3,956,086
Retained earnings	16	266,066,142	271,068,211	239,011,382	243,504,819
Other components of equity	17	(5,616,350)	(8,687,155)	(5,045,254)	(7,803,807)
Accumulated other comprehensive income attributable to assets held-for-sale	28	16,055	(12,132)	14,422	(10,898)
		265,767,254	267,670,331	238,742,887	240,452,451
Non-controlling interests		8,501,337	8,277,685	7,636,884	7,435,974
Total equity		274,268,591	275,948,016	246,379,771	247,888,425
Total liabilities and equity		392,826,274	378,235,718	352,881,994	339,775,070

INTERIM CONSOLIDATED STATEMENTS OF PROFIT OR LOSS

(In millions of Korean won, in thousands of US dollars (Note 2.3))

		For the	three-month per	iods ended Mar	ch 31,
	Notes	2021	2020	2021	2020
		KRW	KRW	USD	USD
Revenue	26	65,388,503	55,325,178	58,739,516	49,699,474
Cost of sales	18	41,499,985	34,806,694	37,280,086	31,267,398
Gross profit		23,888,518	20,518,484	21,459,430	18,432,076
Selling and administrative expenses	18, 19	14,505,650	14,071,139	13,030,653	12,640,325
Operating profit	26	9,382,868	6,447,345	8,428,777	5,791,751
Other non-operating income	20	299,742	315,506	269,263	283,424
Other non-operating expense	20	324,240	364,055	291,270	327,036
Share of net profit of associates and joint ventures	6	147,519	60,644	132,519	54,477
Financial income	21	2,238,638	3,791,378	2,011,004	3,405,854
Financial expense	21	1,993,882	3,493,966	1,791,135	3,138,684
Profit before income tax		9,750,645	6,756,852	8,759,158	6,069,786
Income tax expense	22	2,608,960	1,871,926	2,343,671	1,681,580
Profit for the period		7,141,685	4,884,926	6,415,487	4,388,206
Profit attributable to					
Owners of the Company		7,092,786	4,889,599	6,371,560	4,392,404
Non-controlling interests		48,899	(4,673)	43,927	(4,198)
Earnings per share (in Korean won, in US dollars)	23				
- Basic		1,044	720	0.94	0.65
- Diluted		1,044	720	0.94	0.65

The above interim consolidated statements of profit or loss should be read in conjunction with the accompanying notes.

INTERIM CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(In millions of Korean won, in thousands of US dollars (Note 2.3))

		For the t	hree-month pe	riods ended Ma	rch 31,
	Notes	2021	2020	2021	2020
		KRW	KRW	USD	USD
Profit for the period		7,141,685	4,884,926	6,415,487	4,388,206
Other comprehensive income (loss)					
Items that will not be reclassified subsequently to profit or loss:					
Gain (loss) on valuation of financial assets at fair value through other comprehensive income, net of tax Share of other comprehensive income (loss) of	17	1,885,011	(1,109,611)	1,693,335	(996,781)
associates and joint ventures, net of tax Remeasurement of net defined benefit liabilities (assets),	17	14,425	(46,974)	12,958	(42,197)
net of tax	17	(32,739)	(32,696)	(29,410)	(29,371)
Items that may be reclassified subsequently to profit or loss:					, ,
Share of other comprehensive income (loss) of associates and joint ventures, net of tax	17	(53,921)	28,944	(48,438)	26,000
Gain on overseas business translation, net of tax	17	2,457,265	2,228,543	2,207,400	2,001,935
Gain (loss) on valuation of cash flow hedge derivatives	17	29,085	(29,038)	26,128	(26,085)
Other comprehensive income for the period, net of tax		4,299,126	1,039,168	3,861,973	933,501
Total comprehensive income for the period		11,440,811	5,924,094	10,277,460	5,321,707
Comprehensive income attributable to:					
Owners of the Company		11,221,179	5,971,500	10,080,161	5,364,293
Non-controlling interests		219,632	(47,406)	197,299	(42,586)

(In millions of Korean won)

2020 KRW	Notes	Preference shares	Ordinary shares	Share premium	Retained earnings	Other components of equity	Equity attributable to owners of the parent company	Non- controlling interests	Total
Balance as of January 1, 2020		119,467	778,047	4,403,893	254,582,894	(4,968,829)	254,915,472	7,964,949	262,880,421
Profit for the period		-	-	-	4,889,599	-	4,889,599	(4,673)	4,884,926
Gain (loss) on valuation of financial assets at fair value through other comprehensive income, net of tax Share of other comprehensive income (loss) of associates and joint ventures, net of tax		-	-	-	11,854	(1,011,548) (18,090)	(999,694) (18,090)	(109,917)	(1,109,611) (18,030)
Gain on overseas business translation, net of tax		-	-	-	-	2,161,419	2,161,419	67,124	2,228,543
Remeasurement of net defined benefit liabilities (assets), net of tax Loss on valuation of cash flow hedge derivatives		-	-	-	-	(32,696) (29,038)	(32,696) (29,038)	-	(32,696) (29,038)
Total comprehensive income for the period		-	-	-	4,901,453	1,070,047	5,971,500	(47,406)	5,924,094
Dividends declared		_	_	-	(2,405,428)	_	(2,405,428)	(7,074)	(2,412,502)
Capital transactions under common control		-	-	-	-	(1,126)	(1,126)	(568)	(1,694)
Others		-	-	-	-	1,352	1,352	(3,948)	(2,596)
Total transactions with owners		-	-	-	(2,405,428)	226	(2,405,202)	(11,590)	(2,416,792)
Balance as of March 31, 2020		119,467	778,047	4,403,893	257,078,919	(3,898,556)	258,481,770	7,905,953	266,387,723

(In thousands of US dollars (Note 2.3))

2020 USD	Notes	Preference shares	Ordinary shares	Share premium	Retained earnings	Other components of equity	Equity attributable to owners of the parent company	Non- controlling interests	Total
Balance as of January 1, 2020		107,319	698,932	3,956,086	228,695,801	(4,463,577)	228,994,561	7,155,038	236,149,599
Profit for the period		-	-	-	4,392,404	-	4,392,404	(4,198)	4,388,206
Gain (loss) on valuation of financial assets at fair value through other comprehensive income, net of tax Share of other comprehensive income (loss) of associates and joint ventures, net of tax		-	-	-	10,648 -	(908,689) (16,251)	(898,041) (16,251)	(98,740) 54	(996,781) (16,197)
Gain on overseas business translation, net of tax		-	-	-	-	1,941,637	1,941,637	60,298	2,001,935
Remeasurement of net defined benefit liabilities (assets), net of tax Loss on valuation of cash flow hedge derivatives		-	-	-	-	(29,371) (26,085)	(29,371) (26,085)	-	(29,371) (26,085)
Total comprehensive income for the period		-	_	-	4,403,052	961,241	5,364,293	(42,586)	5,321,707
Dividends declared		_	_	_	(2,160,834)	_	(2,160,834)	(6,355)	(2,167,189)
Capital transactions under common control		-	-	-	-	(1,012)	(1,012)	(510)	(1,522)
Others		-	-	-	-	1,215	1,215	(3,547)	(2,332)
Total transactions with owners		-	-	-	(2,160,834)	203	(2,160,631)	(10,412)	(2,171,043)
Balance as of March 31, 2020		107,319	698,932	3,956,086	230,938,019	(3,502,133)	232,198,223	7,102,040	239,300,263

(In millions of Korean won)

2021 KRW	Notes	Preference shares	Ordinary shares	Share premium	Retained earnings	Other components of equity	Accumulated other comprehensive income attributable to assets held- for-sale	Equity attributable to owners of the parent company	Non- controlling interests	Total
Balance as of January 1, 2021		119,467	778,047	4,403,893	271,068,211	(8,687,155)	(12,132)	267,670,331	8,277,685	275,948,016
Profit for the period		-	-	-	7,092,786	-	-	7,092,786	48,899	7,141,685
Gain on valuation of financial assets at fair value through other comprehensive income, net of tax Share of other comprehensive income (loss)	17 17	-	-	-	1,029,405	727,402	-	1,756,807	128,204	1,885,011 (39,496)
of associates and joint ventures, net of tax Gain on overseas business translation, net of tax	17	-	-	-	-	(25,556) 2,400,810	-	(25,556) 2,400,810	(13,940) 56,455	(39,496) 2,457,265
Remeasurement of net defined benefit liabilities (assets), net of tax Gain on valuation of cash flow hedge	17	-	-	-	-	(32,753)	-	(32,753)	14	(32,739)
derivatives	17	-	-	-	-	29,085	-	29,085	-	29,085
Reclassification to assets held-for-sale	28	-	-	-	-	(28,187)	28,187	-	-	-
Total comprehensive income for the period		-	-	-	8,122,191	3,070,801	28,187	11,221,179	219,632	11,440,811
Dividends declared		-	-	-	(13,124,260)	-	-	(13,124,260)	(310)	(13,124,570)
Capital transactions under common control		-	-	-	-	-	-	-	(288)	(288)
Others		-	-	-	-	4	-	4	4,618	4,622
Total transactions with owners		-	-	-	(13,124,260)	4	-	(13,124,256)	4,020	(13,120,236)
Balance as of March 31, 2021		119,467	778,047	4,403,893	266,066,142	(5,616,350)	16,055	265,767,254	8,501,337	274,268,591

(In thousands of US dollars (Note 2.3))

2021 USD	Notes	Preference shares	Ordinary shares	Share premium	Retained earnings	Other components of equity	Accumulated other comprehensive income attributable to assets held- for-sale	Equity attributable to owners of the parent company	Non- controlling interests	Total
Balance as of January 1, 2021		107,319	698,932	3,956,086	243,504,819	(7,803,807)	(10,898)	240,452,451	7,435,974	247,888,425
Profit for the period		-	-	-	6,371,560	-	-	6,371,560	43,927	6,415,487
Gain on valuation of financial assets at fair value through other comprehensive income, net of tax	17	-	-	-	924,731	653,436	-	1,578,167	115,168	1,693,335
Share of other comprehensive income (loss) of associates and joint ventures, net of tax	17	-	_	-	-	(22,957)	-	(22,957)	(12,523)	(35,480)
Gain on overseas business translation, net of tax	17	-	-	-	-	2,156,686	-	2,156,686	50,714	2,207,400
Remeasurement of net defined benefit liabilities (assets), net of tax Gain on valuation of cash flow hedge derivatives	17 17	-	-	-	-	(29,423) 26,128	-	(29,423) 26,128	13	(29,410) 26,128
Reclassification to assets held-for-sale	28	-	-	-	-	(25,320)	25,320	-	-	-
Total comprehensive income for the period		-	-	-	7,296,291	2,758,550	25,320	10,080,161	197,299	10,277,460
Dividends declared		-	-	-	(11,789,728)	-	-	(11,789,728)	(278)	(11,790,006)
Capital transactions under common control		-	-	-	-	-	-	-	(259)	(259)
Others		-	-	-	-	3	-	3	4,148	4,151
Total transactions with owners		-	-	-	(11,789,728)	3	-	(11,789,725)	3,611	(11,786,114)
Balance as of March 31, 2021		107,319	698,932	3,956,086	239,011,382	(5,045,254)	14,422	238,742,887	7,636,884	246,379,771

INTERIM CONSOLIDATED STATEMENTS OF CASH FLOWS

(In millions of Korean won, in thousands of US dollars (Note 2.3))

		For the three-month periods ended December 31,						
	Notes	2021	2020	2021	2020			
		KRW	KRW	USD	USD			
Operating activities								
Profit for the period		7,141,685	4,884,926	6,415,487	4,388,206			
Adjustments	24	10,883,856	9,475,166	9,777,138	8,511,690			
Changes in assets and liabilities arising from operating activities	24	(3,334,668)	(2,352,885)	(2,995,584)	(2,113,634)			
Cash generated from operations		14,690,873	12,007,207	13,197,041	10,786,262			
Interest received		326,714	497,163	293,492	446,609			
Interest paid		(77,591)	(110,968)	(69,701)	(99,684)			
Dividends received		54,930	29,033	49,344	26,081			
Income tax paid		(1,191,848)	(592,556)	(1,070,655)	(532,302)			
Net cash from operating activities		13,803,078	11,829,879	12,399,521	10,626,966			
Investing activities								
Net decrease (increase) in short-term financial instruments		7,511,917	(590,616)	6,748,073	(530,560)			
Net decrease (increase) in short-term financial assets at amortized cost Net decrease in short-term financial assets at fair value		(695,948)	991,685	(625,181)	890,846			
through profit or loss		11,956	549,031	10,740	493,203			
Disposal of long-term financial instruments		2,940,505	2,140,624	2,641,502	1,922,956			
Acquisition of long-term financial instruments		(3,260,672)	(2,180,111)	(2,929,113)	(1,958,428)			
Disposal of financial assets at fair value through other comprehensive income Acquisition of financial assets at fair value		1,906,245	18,478	1,712,410	16,599			
through other comprehensive income Disposal of financial assets at fair value through profit or loss Acquisition of financial assets at fair value		(56,131) 13,053	(3,514) 5,858	(50,423) 11,726	(3,157) 5,262			
through profit or loss		(8,153)	(41,884)	(7,324)	(37,625)			
Acquisition of investment in associates and joint ventures		(14,500)	(12,924)	(13,026)	(11,610)			
Disposal of property, plant and equipment		99,129	69,837	89,049	62,736			
Acquisition of property, plant and equipment		(9,997,540)	(8,564,279)	(8,980,947)	(7,693,426)			
Disposal of intangible assets		15	588	13	528			
Acquisition of intangible assets		(671,020)	(969,194)	(602,788)	(870,642)			
Cash outflow from business combinations		(5,926)	(27,412)	(5,323)	(24,625)			
Cash outflow from other investing activities		649,461	84,631	583,421	76,027			
Net cash used in investing activities		(1,577,609)	(8,529,202)	(1,417,191)	(7,661,916)			

INTERIM CONSOLIDATED STATEMENTS OF CASH FLOWS

(In millions of Korean won, in thousands of US dollars (Note 2.3))

		For the	three-month per	riods ended Ma	rch 31,
	Notes	2021	2020	2021	2020
		KRW	KRW	USD	USD
Financing activities					
Net decrease in short-term borrowings		(400,336)	(2,761,970)	(359,628)	(2,481,121)
Repayment of debentures and long-term borrowings		(193,240)	(203,582)	(173,591)	(182,881)
Dividends paid		(458)	(6,367)	(411)	(5,720)
Net decrease in non-controlling interests		(289)	(1,694)	(260)	(1,521)
Net cash used in financing activities		(594,323)	(2,973,613)	(533,890)	(2,671,243)
Reclassification to assets held-for-sale	28	(551,129)	-	(495,088)	-
Effect of foreign exchange rate changes		576,996	703,620	518,325	632,073
Net increase in cash and cash equivalents		11,657,013	1,030,684	10,471,677	925,880
Cash and cash equivalents					
Beginning of the year		29,382,578	26,885,999	26,394,830	24,152,114
End of the period		41,039,591	27,916,683	36,866,507	25,077,994

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

As of March 31, 2021 and December 31, 2020, and For the three-month periods ended March 31, 2021 and 2020

1. General Information

1.1 Company Overview

Samsung Electronics Co., Ltd. ("SEC") was incorporated under the laws of the Republic of Korea in 1969 and listed its shares on the Korea Stock Exchange in 1975. SEC and its subsidiaries (collectively referred to as the "Company") operate four business divisions: Consumer Electronics ("CE"), Information technology & Mobile communications ("IM"), Device Solutions ("DS") and Harman. CE division includes digital TVs, monitors, air conditioners and refrigerators and IM division includes mobile phones, communication systems, and computers. DS division includes semiconductor products such as memory, foundry, and system LSI ("Semiconductor"), and display products such as LCD and OLED panels ("DP"). Harman division includes connected car systems, audio and visual products, enterprise automation solutions and connected services. The Company is domiciled in the Republic of Korea and is located in Suwon, the Republic of Korea.

These consolidated financial statements have been prepared in accordance with Korean International Financial Reporting Standards (*"Korean IFRS"*) 1110, *Consolidated Financial Statements*. SEC, as the controlling Company, consolidates its 238 subsidiaries, including Samsung Display and Samsung Electronics America. The Company also applies the equity method of accounting for its 44 associates and joint ventures, including Samsung Electro-Mechanics Co., Ltd..

1.2 Consolidated Subsidiaries

Area	Subsidiaries	Industry	Percentage of ownership (%) ¹
	Samsung Electronics America, Inc. (SEA)	Sale of electronic devices	100.0
	Samsung International, Inc. (SII)	Manufacture of electronic devices	100.0
	Samsung Mexicana S.A. de C.V (SAMEX)	Manufacture of electronic devices	100.0
	Samsung Electronics Home Appliances America, LLC (SEHA)	Manufacture of home appliances	100.0
	Samsung Research America, Inc. (SRA)	R&D	100.0
	Samsung Next LLC (SNX)	Management of overseas subsidiaries	100.0
	Samsung Next Fund LLC (SNXF)	Technology business, venture capital investments	100.0
	NeuroLogica Corp.	Manufacture and sale of medical equipment	100.0
	Samsung HVAC America, LLC	Sale of air conditioning products	100.0
<u> </u>	Prismview, LLC	Manufacture and sale of LED displays	100.0
America	Joyent, Inc.	Cloud services	100.0
	Dacor Holdings, Inc.	Management of overseas subsidiaries	100.0
	Dacor, Inc.	Manufacture and sale of home appliances	100.0
	Dacor Canada Co.	Sale of home appliances	100.0
	SmartThings, Inc.	Sale of smart home electronics	100.0
	TeleWorld Solutions, Inc. (TWS)	Installation of network devices	100.0
	TWS LATAM B, LLC	Management of overseas subsidiaries	100.0
	TWS LATAM S, LLC	Management of overseas subsidiaries	100.0
	SNB Technologies, Inc. Mexico, S.A. de C.V.	Installation of network devices	100.0
	Zhilabs Inc.	Sale of network solutions	100.0

The consolidated subsidiaries as of March 31, 2021 are as follows:

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

Area	Subsidiaries	Industry	Percentage of ownership (%) ¹
	Samsung Semiconductor, Inc. (SSI)	Sale of semiconductor and display panels	100.0
	Samsung Austin Semiconductor LLC. (SAS)	Manufacture of semiconductors	100.0
	Samsung Oak Holdings, Inc. (SHI)	Management of overseas subsidiaries	100.0
	SEMES America, Inc.	Semiconductor equipment	100.0
	Samsung Electronics Canada, Inc. (SECA)	Sale of electronic devices	100.0
	AdGear Technologies Inc.	Digital advertising platforms	100.0
	Samsung Eletronica da Amazonia Ltda. (SEDA)	Manufacture and sale of electronic devices	100.0
	Samsung Electronics Mexico S.A. De C.V. (SEM)	Sale of electronic devices	100.0
	Samsung Electronics Digital Appliance Mexico, S.A. de C.V. (SEDAM)	Manufacture of home appliances	100.0
	Samsung Electronics Latinoamerica (Zona Libre), S. A. (SELA)	Sale of electronic devices	100.0
	Samsung Electronics Latinoamerica Miami, Inc. (SEMI)	Sale of electronic devices	100.0
	Samsung Electronica Colombia S.A. (SAMCOL)	Sale of electronic devices	100.0
	Samsung Electronics Argentina S.A. (SEASA)	Marketing and services	100.0
	Samsung Electronics Chile Limitada (SECH)	Sale of electronic devices	100.0
	Samsung Electronics Peru S.A.C. (SEPR)	Sale of electronic devices	100.0
	Samsung Electronics Venezuela, C.A. (SEVEN)	Marketing and services	100.0
America	Samsung Electronics Panama. S.A. (SEPA)	Consulting	100.0
	Harman International Industries, Inc.	Management of overseas subsidiaries	100.0
	Harman Becker Automotive Systems, Inc.	Manufacture and sale of audio products, R&D	100.0
	Harman Connected Services, Inc.	Connected service provider	100.0
	Harman Connected Services Engineering Corp.	Connected service provider	100.0
	Harman da Amazonia Industria Eletronica e Participacoes Ltda.	Manufacture and sale of audio products	100.0
	Harman de Mexico, S. de R.L. de C.V.	Manufacture of audio products	100.0
	Harman do Brasil Industria Eletronica e Participacoes Ltda.	Sale of audio products, R&D	100.0
	Harman Financial Group LLC	Management company	100.0
	Harman International Industries Canada Ltd.	Sale of audio products	100.0
	Harman International Mexico, S. de R.L. de C.V.	Sale of audio products	100.0
	Harman KG Holding, LLC	Management of overseas subsidiaries	100.0
	Harman Professional, Inc.	Sale of audio products, R&D	100.0
	RT SV CO-INVEST, LP	Venture capital investments	99.9
	Beijing Integrated Circuit Industry International Fund, L.P	Venture capital investments	61.4
	China Materialia New Materials 2016 Limited Partnership	Venture capital investments	99.0

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

Area	Subsidiaries	Industry	Percentage of ownership (%) ¹
	Samsung Electronics (UK) Ltd. (SEUK)	Sale of electronic devices	100.0
	Samsung Electronics Ltd. (SEL)	Management of overseas subsidiaries	100.0
	Samsung Semiconductor Europe Limited (SSEL)	Sale of semiconductor and display panels	100.0
	Samsung Electronics GmbH (SEG)	Sale of electronic devices	100.0
	Samsung Electronics Holding GmbH (SEHG)	Management of overseas subsidiaries	100.0
	Samsung Semiconductor Europe GmbH (SSEG)	Sale of semiconductor and display panels	100.0
	Samsung Electronics France S.A.S. (SEF)	Sale of electronic devices	100.0
	Samsung Electronics Italia S.P.A. (SEI)	Sale of electronic devices	100.0
	Samsung Electronics Iberia, S.A. (SESA)	Sale of electronic devices	100.0
	Samsung Electronics Portuguesa S.A. (SEP)	Sale of electronic devices	100.0
	Samsung Electronics Hungarian Private Co., Ltd. (SEH)	Manufacture and sale of electronic devices	100.0
	Samsung Electronics Europe Logistics B.V. (SELS)	Logistics	100.0
	Samsung Electronics Benelux B.V. (SEBN)	Sale of electronic devices	100.0
	Samsung Electronics Europe Holding Cooperatief U.A. (SEEH)	Management of overseas subsidiaries	100.0
	Samsung Electronics Nordic Aktiebolag (SENA)	Sale of electronic devices	100.0
	Samsung Electronics Slovakia s.r.o (SESK)	Manufacture of TV and monitors	100.0
	Samsung Display Slovakia s.r.o. (SDSK)	Toll processing of display panels	100.0
	Samsung Electronics Polska, SP.Zo.o (SEPOL)	Sale of electronic devices	100.0
Europe /CIS	Samsung Electronics Poland Manufacturing SP.Zo.o (SEPM)	Manufacture of home appliances	100.0
Europe/CIS	Samsung Electronics Romania LLC (SEROM)	Sale of electronic devices	100.0
	Samsung Electronics Austria GmbH (SEAG)	Sale of electronic devices	100.0
	Samsung Electronics Switzerland GmbH (SESG)	Sale of electronic devices	100.0
	Samsung Electronics Czech and Slovak s.r.o. (SECZ)	Sale of electronic devices	100.0
	Samsung Electronics Baltics SIA (SEB)	Sale of electronic devices	100.0
	Samsung Electronics Greece S.M.S.A (SEGR)	Sale of electronic devices	100.0
	Samsung Electronics Air Conditioner Europe B.V. (SEACE)	Sale of air conditioning products	100.0
	Samsung Nanoradio Design Center (SNDC)	R&D	100.0
	Samsung Denmark Research Center ApS (SDRC)	R&D	100.0
	Samsung Cambridge Solution Centre Limited (SCSC)	R&D	100.0
	Zhilabs, S.L.	Development and sale of network solutions	100.0
	Foodient Ltd.	R&D	100.0
	Samsung Electronics Rus Company LLC (SERC)	Sale of electronic devices	100.0
	Samsung Electronics Rus Kaluga LLC (SERK)	Manufacture of TV	100.0
	Samsung Electronics Ukraine Company LLC (SEUC)	Sale of electronic devices	100.0
	Samsung Electronics Central Eurasia LLP (SECE)	Sale of electronic devices	100.0
	Samsung Electronics Overseas B.V. (SEO)	Sale of electronic devices	100.0
	Samsung R&D Institute Rus LLC (SRR)	R&D	100.0
	Samsung Electronics Caucasus Co., Ltd. (SECC)	Marketing	100.0

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

Area	Subsidiaries	Industry	Percentage of ownership (%
	AKG Acoustics GmbH	Manufacture and sale of audio products	100.0
	AMX UK Limited	Sale of audio products	100.0
	A&R Cambridge Limited	Sale of audio products	100.0
	Harman Audio Iberia Espana Sociedad Limitada	Sale of audio products	100.0
	Harman Automotive UK Limited	Manufacture of audio products	100.0
	Harman Becker Automotive Systems GmbH	Manufacture and sale of audio products, R&D	100.0
	Harman Becker Automotive Systems Italy S.R.L.	Sale of audio products	100.0
	Harman Becker Automotive Systems Manufacturing Kft	Manufacture of audio products, R&D	100.0
	Harman Belgium SA	Sale of audio products	100.0
	Harman Connected Services AB.	Connected service provider	100.0
	Harman Finland Oy	Connected service provider	100.0
	Harman Connected Services GmbH	Connected service provider	100.0
	Harman Connected Services Limited	Connected service provider	100.0
	Harman Connected Services Poland Sp.zoo	Connected service provider	100.0
	Harman Connected Services UK Ltd.	Connected service provider	100.0
	Harman Consumer Nederland B.V.	Sale of audio products	100.0
	Harman Deutschland GmbH	Sale of audio products	100.0
	Harman Finance International GP S.a.r.l	Management of overseas subsidiaries	100.0
urope/CIS	Harman France SNC	Sale of audio products	100.0
	Harman Holding GmbH & Co. KG	Management company	100.0
	Harman Hungary Financing Ltd.	Financing company	100.0
	Harman Inc. & Co. KG	Management of overseas subsidiaries	100.0
	Harman International Estonia OU	R&D	100.0
	Harman International Industries Limited	Sale of audio products, R&D	100.0
	Harman International Romania SRL	R&D	100.0
	Harman Finance International, SCA	Financing company	100.0
	Harman International s.r.o	Manufacture of audio products	100.0
	Harman Management GmbH	Management of overseas subsidiaries	100.0
	Harman Professional Kft	Manufacture of audio products, R&D	100.0
	Martin Manufacturing (UK) Ltd.	Manufacture of audio products	100.0
	Harman Professional Denmark ApS	Sale of audio products, R&D	100.0
	Red Bend Software Ltd.	Software design	100.0
	Red Bend Software SAS	Software design	100.0
	Studer Professional Audio GmbH	Sale of audio products, R&D	100.0
	Harman Connected Services OOO	Connected service provider	100.0
	Harman RUS CIS LLC	Sale of audio products	100.0

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

Area	Subsidiaries	Industry	Percentage of ownership (%) ¹
	Samsung Gulf Electronics Co., Ltd. (SGE)	Sale of electronic devices	100.0
	Samsung Electronics Turkey (SETK)	Sale of electronic devices	100.0
	Samsung Electronics Industry and Commerce Ltd. (SETK-P)	Manufacture of electronic devices	100.0
	Samsung Electronics Levant Co.,Ltd. (SELV)	Sale of electronic devices	100.0
	Samsung Electronics Maghreb Arab (SEMAG)	Sale of electronic devices	100.0
	Samsung Electronics Egypt S.A.E (SEEG)	Manufacture and sale of electronic devices	100.0
	Samsung Electronics Israel Ltd. (SEIL)	Marketing	100.0
	Samsung Electronics Tunisia S.A.R.L (SETN)	Marketing	100.0
	Samsung Electronics Pakistan (Private) Ltd. (SEPAK)	Marketing	100.0
Middle East	Samsung Electronics Saudi Arabia Ltd. (SESAR)	Sale of electronic devices	100.0
& Africa	Samsung Semiconductor Israel R&D Center, Ltd. (SIRC)	R&D	100.0
	Corephotonics Ltd.	R&D	100.0
	Samsung Electronics South Africa (Pty) Ltd. (SSA)	Sale of electronic devices	100.0
	Samsung Electronics South Africa Production (pty) Ltd. (SSAP)	Manufacture of TV and monitors	100.0
	Samsung Electronics West Africa Ltd. (SEWA)	Marketing	100.0
	Samsung Electronics East Africa Ltd. (SEEA)	Marketing	100.0
	Global Symphony Technology Group Private Ltd.	Management of overseas subsidiaries	100.0
	Harman Connected Services Morocco	Connected service provider	100.0
	Harman Industries Holdings Mauritius Ltd.	Management of overseas subsidiaries	100.0
	Red Bend Ltd.	Manufacture of audio products	100.0
	Samsung Asia Pte. Ltd. (SAPL)	Management of overseas subsidiaries	100.0
	Samsung Electronics Singapore Pte. Ltd.(SESP)	Sale of electronic devices	100.0
	Samsung Malaysia Electronics (SME) Sdn. Bhd. (SME)	Sale of electronic devices	100.0
	Samsung Electronics Display (M) Sdn. Bhd. (SDMA)	Manufacture of electronic devices	100.0
	Samsung Electronics (M) Sdn. Bhd. (SEMA)	Manufacture of home appliances	100.0
	Samsung Vina Electronics Co., Ltd. (SAVINA)	Sale of electronic devices	100.0
	Samsung Electronics Vietnam Co., Ltd. (SEV)	Manufacture of electronic devices	100.0
	Samsung Electronics Vietnam THAINGUYEN Co., Ltd. (SEVT)	Manufacture of communication equipment	100.0
	Samsung Electronics HCMC CE Complex Co., Ltd. (SEHC)	Manufacture and sale of electronic devices	100.0
	Samsung Display Vietnam Co., Ltd. (SDV)	Manufacture of display panels	100.0
	PT Samsung Electronics Indonesia (SEIN)	Manufacture and sale of electronic devices	100.0
Asia	PT Samsung Elecommunications Indonesia (STIN)	Sale of electronic devices and services	100.0
(Excluding	Thai Samsung Electronics Co., Ltd. (TSE)	Manufacture and sale of electronic devices	91.8
China)	Laos Samsung Electronics Sole Co., Ltd. (LSE)	Marketing	100.0
,	Samsung Electronics Philippines Corporation (SEPCO)	Sale of electronic devices	100.0
	Samsung Electronics Australia Pty. Ltd. (SEAU)	Sale of electronic devices	100.0
	Samsung Electronics New Zealand Limited (SENZ)	Sale of electronic devices	100.0
	Samsung India Electronics Private Ltd. (SIEL)	Manufacture and sale of electronic devices	100.0
	Samsung Display Noida Private Limited (SDN)	Manufacture of display panels	100.0 100.0
	Samsung R&D Institute India-Bangalore Private Limited (SRI-B)	R&D	
	Samsung R&D Institute BanglaDesh Limited (SRBD)	R&D	100.0
	Samsung Nepal Services Pvt, Ltd. (SNSL)	Service	100.0
	Samsung Japan Corporation (SJC)	Sale of semiconductor and display panels	100.0
	Samsung R&D Institute Japan Co., Ltd. (SRJ)	R&D	100.0
	Samsung Electronics Japan Co., Ltd. (SEJ)	Sale of electronic devices	100.0

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

Area	Subsidiaries	Industry	Percentage o ownership (%
	Harman Connected Services Corp. India Pvt. Ltd.	Connected service provider	100.0
Asia	Harman International (India) Private Limited	Sale of audio products, R&D	100.0
(Excluding	Harman International Industries PTY Ltd.	Management of overseas subsidiaries	100.0
China)	Harman International Japan Co., Ltd.	Sale of audio products, R&D	100.0
	Harman Singapore Pte. Ltd.	Sale of audio products	100.0
	Samsung (CHINA) Investment Co., Ltd. (SCIC)	Sale of electronic devices	100.0
	Samsung Electronics Hong Kong Co., Ltd. (SEHK)	Sale of electronic devices	100.0
	Samsung Electronics Taiwan Co., Ltd. (SET)	Sale of electronic devices	100.0
	Samsung Electronics Huizhou Co., Ltd. (SEHZ)	Manufacture of electronic devices	100.0
	Tianjin Samsung Electronics Co., Ltd. (TSEC)	Manufacture of TV and monitors	91.2
	Suzhou Samsung Electronics Co., Ltd. (SSEC)	Manufacture of home appliances	88.3
	Samsung Suzhou Electronics Export Co., Ltd. (SSEC-E)	Manufacture of home appliances	100.0
	Samsung Electronics Suzhou Computer Co., Ltd. (SESC)	Manufacture of electronic devices, R&D	100.0
	Tianjin Samsung Telecom Technology Co., Ltd. (TSTC)	Manufacture of communication equipment	90.0
	Shenzhen Samsung Electronics Telecommunication Co., Ltd. (SSET)	Manufacture of communication equipment	100.0
	Beijing Samsung Telecom R&D Center (SRC-Beijing)	R&D	100.0
	Samsung Electronics China R&D Center (SRC-Nanjing)	R&D	100.0
	Samsung Mobile R&D Center China-Guangzhou (SRC-Guangzhou)	R&D	100.0
	Samsung R&D Institute China-Shenzhen (SRC-Shenzhen)	R&D	100.0
	Shanghai Samsung Semiconductor Co., Ltd. (SSS)	Sale of semiconductor and display panels	100.0
	Samsung (China) Semiconductor Co., Ltd. (SCS)	Manufacture of semiconductors	100.0
China	Samsung SemiConductor Xian Co., Ltd. (SSCX)	Sale of semiconductor and display panels	100.0
	Samsung Electronics Suzhou Semiconductor Co., Ltd. (SESS)	Toll processing of semiconductors	100.0
	Tianjin Samsung LED Co., Ltd. (TSLED)	Manufacture of LED	100.0
	Samsung Semiconductor (China) R&D Co., Ltd. (SSCR)	R&D	100.0
	Samsung Display Dongguan Co., Ltd. (SDD)	Manufacture of display panels	100.0
	Samsung Display Tianjin Co., Ltd. (SDT)	Manufacture of display panels	95.0
	Samsung Suzhou Module Co., Ltd. (SSM)	Manufacture of display panels	100.0
	Samsung Suzhou LCD Co., Ltd. (SSL)	Manufacture of display panels	60.0
	SEMES (XIAN) Co., Ltd.	Semiconductor equipment services	100.0
	Harman (China) Technologies Co., Ltd.	Manufacture of audio products	100.0
	Harman (Suzhou) Audio and Infotainment Systems Co., Ltd.	Sale of audio products	100.0
	Harman Automotive Electronic Systems (Suzhou) Co., Ltd.	Manufacture of audio products, R&D	100.0
	Harman Commercial (Shanghai) Co., Ltd.	Sale of audio products	100.0
	Harman Connected Services Solutions (Chengdu) Co., Ltd.	Connected service provider	100.0
	Harman Holding Limited	Sale of audio products	100.0
	Harman International (China) Holdings Co., Ltd.	Sale of audio products, R&D	100.0
	Harman Technology (Shenzhen) Co., Ltd.	Sale of audio products, R&D	100.0

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

Area	Subsidiaries	Industry	Percentage of ownership (%) ¹
	Samsung Display Co., Ltd.	Manufacture and sale of display panels	84.8
	SU Materials	Manufacture of display components	50.0
	STECO Co., Ltd.	Manufacture of semiconductor components	70.0
	SEMES Co., Ltd.	Manufacture and sale of semiconductor/FPD	91.5
	Samsung Electronics Service Co., Ltd.	Repair services for electronic devices	99.3
	Samsung Electronics Service Customer Satisfaction Co., Ltd.	Call center for repair services for electronic devices	100.0
	Samsung Electronics Sales Co., Ltd.	Sale of electronic devices	100.0
	Samsung Electronics Logitech Co., Ltd.	General logistics agency	100.0
	Samsung Medison Co., Ltd.	Manufacture and sale of medical equipment	68.5
	Mirero System Co., Ltd.	Development and supply of semiconductor process defect and quality control software	99.9
	Dowooinssys Co., Ltd.	Manufacture of display components	52.5
	Gf-System Co., Ltd.	Manufacture of display components	100.0
	Harman International Korea	Software development and supply, etc.	100.0
	Samsung Venture Capital Union #21	Technology business, Venture capital investments	99.0
Domestic	Samsung Venture Capital Union #22	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #26	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #27	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #28	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #29	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #32	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #33	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #37	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #40	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #42	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #43	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #45	Technology business, Venture capital investments	99.0
	Samsung Venture Capital Union #48	Technology business, Venture capital investments	99.0
	Growth type private equity trust specialized in semiconductors	Investment on semiconductor industry	66.7
	System LSI Mutual benefit private equity trust	Investment on semiconductor industry	62.5

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

1.3 Summary of Financial Data of Major Consolidated Subsidiaries

Summary of financial data of major consolidated subsidiaries is as follows:

(1) 2021

(In millions of Korean won)	As of March	As of March 31, 2021 For the period ended M		ed March 31, 2021
Major subsidiaries ¹	Assets	Liabilities	Sales	Profit (loss) for the period
Samsung Display	48,839,598	5,549,175	6,058,152	11,822
Samsung Electronics America, Inc. (SEA)	40,953,200	18,906,476	9,596,228	203,584
Samsung Electronics Vietnam THAINGUYEN Co., Ltd. (SEVT)	16,676,248	2,534,093	8,110,735	663,922
Samsung (CHINA) Investment Co., Ltd. (SCIC)	16,393,564	13,098,055	733,700	114,462
Samsung (China) Semiconductor Co., Ltd. (SCS)	16,279,311	4,708,549	1,485,543	382,193
Harman and its subsidiaries ²	14,892,266	5,730,612	2,358,724	62,282
Samsung Electronics Vietnam Co., Ltd. (SEV)	13,510,741	1,738,349	5,356,282	492,386
Samsung Electronics Europe Holding Cooperatief U.A. (SEEH)	12,427,817	7,911,919	-	913
Samsung Semiconductor, Inc. (SSI)	9,851,635	4,366,894	5,833,416	23,442
Shanghai Samsung Semiconductor Co., Ltd. (SSS)	8,672,842	5,638,776	7,014,404	74,237
Samsung Austin Semiconductor LLC. (SAS)	7,650,938	734,608	922,961	267,988
Samsung India Electronics Private Ltd. (SIEL)	7,090,574	3,027,364	3,459,334	192,905
Samsung Eletronica da Amazonia Ltda. (SEDA)	5,914,617	1,350,134	1,531,207	141,928
Samsung Display Vietnam Co., Ltd. (SDV)	5,507,791	2,139,081	4,436,301	190,755
Samsung Electronics (UK) Ltd. (SEUK)	3,035,346	2,122,311	1,497,466	(16,323)
Thai Samsung Electronics Co., Ltd. (TSE)	2,987,967	535,410	1,079,687	(7,362)
Samsung Electronics HCMC CE Complex Co., Ltd. (SEHC)	2,621,031	891,842	1,768,061	79,336
Samsung Electronics Europe Logistics B.V. (SELS)	2,418,628	1,776,935	4,091,964	498,192
Samsung Electronics GmbH (SEG)	2,287,854	2,286,361	1,774,465	(59,360)
Samsung Electronics Hungarian Private Co. Ltd. (SEH)	2,257,557	565,745	1,010,623	(24,549)
SEMES Co., Ltd.	2,164,007	1,066,144	869,288	85,575
Samsung Electronics Benelux B.V. (SEBN)	2,142,728	676,820	729,325	5,251
Samsung Electronics Taiwan Co., Ltd. (SET)	1,917,064	1,426,593	1,223,980	4,999
Samsung Display Dongguan Co., Ltd. (SDD)	1,900,510	338,298	943,609	47,368
Samsung Electronics Hong Kong Co., Ltd. (SEHK)	1,655,629	1,192,743	216,458	12,675

¹ Summary of financial information is based on separate financial statements of each subsidiary.

² Consolidated financial data of an intermediate company that includes Harman International Industries, Inc. and its subsidiaries.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(2) 2020

(In millions of Korean won)	As of Decemb	er 31, 2020	For the period ended March 31, 202		
Major subsidiaries ¹	Assets	Liabilities	Sales	Profit (loss) for the period	
Samsung Display	50,039,755	7,612,332	5,351,135	(382,889)	
Samsung Electronics America, Inc. (SEA)	36,765,070	15,828,083	8,895,272	720,795	
Samsung Electronics Vietnam THAINGUYEN Co., Ltd. (SEVT)	15,500,024	2,574,442	8,188,977	746,562	
Samsung (CHINA) Investment Co., Ltd. (SCIC)	15,438,819	12,358,881	608,433	53,010	
Harman and its subsidiaries ²	14,702,005	5,776,884	2,090,238	(219,846)	
Samsung (China) Semiconductor Co., Ltd. (SCS)	14,348,735	3,511,003	974,755	109,769	
Samsung Electronics Vietnam Co., Ltd. (SEV)	12,623,956	1,805,326	5,459,986	429,629	
Samsung Electronics Europe Holding Cooperatief U.A. (SEEH)	11,495,430	7,641,709	-	(194)	
Samsung Semiconductor, Inc. (SSI)	9,669,349	4,427,701	4,589,450	65,151	
Samsung Asia Pte. Ltd. (SAPL)	9,552,755	523,402	482,404	66,852	
Shanghai Samsung Semiconductor Co., Ltd. (SSS)	7,678,989	5,010,041	6,222,379	72,151	
Samsung Display Vietnam Co., Ltd. (SDV)	7,400,563	4,354,887	4,171,676	129,019	
Samsung Austin Semiconductor LLC. (SAS)	6,912,610	538,288	1,102,177	308,262	
Samsung Eletronica da Amazonia Ltda. (SEDA)	6,280,131	1,556,057	1,688,661	224,117	
Samsung India Electronics Private Ltd. (SIEL)	6,250,492	2,523,027	2,560,825	168,213	
Thai Samsung Electronics Co., Ltd. (TSE)	2,920,299	451,055	905,750	18,614	
Samsung Electronics (UK) Ltd. (SEUK)	2,767,563	1,886,447	1,115,159	(30,103)	
Samsung Electronics GmbH (SEG)	2,687,535	2,626,979	1,505,578	41,689	
Samsung Electronics HCMC CE Complex Co., Ltd. (SEHC)	2,609,150	1,026,901	1,265,222	135,062	
Samsung Electronics Hungarian Private Co. Ltd. (SEH)	2,230,457	504,952	739,353	44,680	
Samsung Electronics Benelux B.V. (SEBN)	2,145,488	736,480	630,869	26,375	
Samsung Display Dongguan Co., Ltd. (SDD)	1,767,663	300,080	590,707	27,813	
Samsung Electronics Europe Logistics B.V. (SELS)	1,700,033	1,550,350	3,145,239	270,122	
Samsung Electronics France S.A.S (SEF)	1,688,580	1,207,359	818,199	2,654	
Samsung Japan Corporation (SJC)	1,668,902	1,381,443	567,727	1,939	

¹ Summary of financial information is based on separate financial statements of each subsidiary.

² Consolidated financial data of an intermediate company that includes Harman International Industries, Inc. and its subsidiaries.

1.4 Changes in Consolidation Scope

Changes in consolidation scope during the three-month period ended March 31, 2021 are as follows:

Change	Area	Subsidiary	Description
Included	Middle East & Africa	Samsung Electronics Industry and Commerce Ltd. (SETK-P)	Establishment
		Viv Labs, Inc.	Merger
F 1 1 1	America	Stellus Technologies, Inc.	Liquidation
Excluded		SigMast Communications Inc.	Liquidation
	Europe/CIS	Arcam Limited	Liquidation

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

2. Significant Accounting Policies

2.1 Basis of Presentation

The Company maintains its accounting records in Korean won and prepares statutory financial statements in the Korean language (Hangul) in accordance with International Financial Reporting Standards as adopted by the Republic of Korea ("Korean IFRS"). The accompanying interim consolidated financial statements have been condensed, restructured and translated into English from the Korean language financial statements.

The interim consolidated financial statements for the three-month period ended March 31, 2021, have been prepared in accordance with *Korean IFRS 1034*, *Interim Financial Reporting*. These interim consolidated financial statements have been prepared in accordance with the Korean IFRS which is effective as of March 31, 2021.

(A) New and amended standards adopted by the Company

The Company applied the following amended and enacted standards for the first time for their annual reporting period commencing January 1, 2021:

Amendments to Korean IFRS 1116, Lease

The amendments introduce a practical expedient that simplifies how a lessee accounts for COVID-19 related rent concessions, and a lessee may elect not to assess whether rent concessions occurring as a direct consequence of the COVID-19 pandemic are lease modifications. A lease that makes this election shall account for any change in lease payments resulting from the rent concession the same way it would account for the change applying this standard if the change were not a lease modification. The application of amendments does not have a significant impact on the Company's interim consolidated financial statements.

(B) New and amended standards not yet adopted by the Company

The amended accounting standard issued that is not mandatory for the annual reporting period commencing January 1, 2021 and has not been early adopted by the Company is as follows:

Amendments to Korean IFRS 1016 Property, Plant and Equipment

The amendments prohibit deducting from the cost of an item of property, plant and equipment any proceeds from selling items produced while bringing that asset to the location and condition necessary for it to be capable of operating in the manner intended by management. Instead, an entity recognizes the proceeds from selling such items, and the cost of producing those items, in profit or loss. The amendments are effective for annual reporting periods beginning on or after January 1, 2022, with early adoption permitted.

2.2 Accounting Policies

Significant accounting policies and method of computation used in the preparation of the interim consolidated financial statements are consistent with those of the annual financial statements for the year ended December 31, 2020, except for the changes due to the application of amendments and enactments of standards described in Note 2.1 and as described below.

(A) Income tax expense

Income tax expense for the interim period is recognized based on management's best estimate of the weighted average annual income tax rate expected for the full financial year. The estimated average annual effective income tax rate is applied to the pre-tax income of the interim period.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

2.3 Convenience Translation into United States Dollar Amounts

The Company operates primarily in Korean won and its official accounting records are maintained in Korean won. The US dollar amounts provided in the consolidated financial statements represent supplementary information solely for the convenience of the reader. All Korean won amounts are expressed in US dollars at the rate of W 1,113.2 to \$1, the average exchange rate for the three-month period ended March 31, 2021. Such presentation is not in accordance with generally accepted accounting principles, and should not be construed as a representation that the Korean won amounts shown could be readily converted, realized or settled in US dollars at this or at any other rate.

2.4 Critical Accounting Estimates and Assumptions

In preparing the interim consolidated financial statements, the management of the Company makes judgements, estimates and assumptions on matters which affect the application of policies and reported amounts of assets, liabilities, income and expenses. Estimates and assumptions are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. The resulting accounting estimates, by definition, seldom equal the related actual results. Recent spread of COVID-19 may result in changes to the Company's assumptions and estimates, but its potential financial impact cannot be reasonably estimated as of the reporting date.

Critical accounting estimates and assumptions made in the preparation of the interim consolidated financial statements are consistent with those applied in the preparation of the annual consolidated financial statements for the year ended December 31, 2020, except for the estimates used to determine the income tax expense.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

3. Financial Instruments by Category

(A) Categorizations of financial assets and liabilities as of March 31, 2021 and December 31, 2020 are as follows:

(1) As of March 31, 2021

(In millions of Korean won)	Financial assets measured at amortized cost	Financial assets measured at fair value through other comprehensive income	Financial assets measured at fair value through profit or loss	Other financial assets ¹	Total
Financial assets					
Cash and cash equivalents	41,039,591	-	-	-	41,039,591
Short-term financial instruments	87,159,273	-	-	-	87,159,273
Trade receivables	33,962,077	-	-	-	33,962,077
Financial assets at amortized cost	3,526,888	-	-	-	3,526,888
Financial assets at fair value through other comprehensive income	-	13,399,200	-	-	13,399,200
Financial assets at fair value through profit or loss	-	-	1,180,566	-	1,180,566
Other	6,638,734	-	240,825	29,088	6,908,647
Total	172,326,563	13,399,200	1,421,391	29,088	187,176,242

¹Other financial assets include derivatives designated as hedging instruments which are not subject to categorizations.

(In millions of Korean won)	Financial liabilities measured at amortized cost	Financial liabilities measured at fair value through profit or loss	Other financial liabilities ¹	Total
Financial liabilities				
Trade payables	11,133,583	-	-	11,133,583
Short-term borrowings	2,413,604	-	13,734,616	16,148,220
Other payables	25,061,045	-	-	25,061,045
Current portion of long-term liabilities	19,152	-	718,713	737,865
Debentures	962,755	-	-	962,755
Long-term borrowings	-	-	2,123,829	2,123,829
Long-term other payables	1,107,750	-	-	1,107,750
Other	10,057,368	246,229	17,046	10,320,643
Total	50,755,257	246,229	16,594,204	67,595,690

¹ Other financial liabilities include collateralized borrowings, lease liabilities and derivatives designated as hedging instruments which are not subject to categorizations.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(2) As of December 31, 2020

(In millions of Korean won)	Financial assets measured at amortized cost	Financial assets measured at fair value through other comprehensive income	Financial assets measured at fair value through profit or loss	Other financial assets ¹	Total
Financial assets					
Cash and cash equivalents	29,382,578	-	-	-	29,382,578
Short-term financial instruments	92,441,703	-	-	-	92,441,703
Trade receivables	30,965,058	-	-	-	30,965,058
Financial assets at amortized cost	2,757,111	-	-	-	2,757,111
Financial assets at fair value through other comprehensive income	-	12,575,216	-	-	12,575,216
Financial assets at fair value through profit or loss	-	-	1,274,420	-	1,274,420
Other	6,395,766	-	215,797	23,310	6,634,873
Total	161,942,216	12,575,216	1,490,217	23,310	176,030,959

¹ Other financial assets include derivatives designated as hedging instruments which are not subject to categorizations.

(In millions of Korean won)	Financial liabilities measured at amortized cost	Financial liabilities measured at fair value through profit or loss	Other financial liabilities ¹	Total
Financial liabilities				
Trade payables	9,739,222	-	-	9,739,222
Short-term borrowings	2,278,386	-	14,275,043	16,553,429
Other payables	10,645,637	-	-	10,645,637
Current portion of long-term liabilities	5,318	-	710,781	716,099
Debentures	948,137	-	-	948,137
Long-term borrowings	-	-	1,999,716	1,999,716
Long-term other payables	1,272,128	2,176	-	1,274,304
Other	9,354,624	242,698	41,930	9,639,252
Total	34,243,452	244,874	17,027,470	51,515,796

¹Other financial liabilities include collateralized borrowings, lease liabilities, and derivatives designated as hedging instruments which are not subject to categorizations.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

4. Financial Assets at Fair Value

(A) Details of financial assets at fair value as of March 31, 2021 and December 31, 2020 are as follows:

(1) Financial assets at fair value through other comprehensive income

(In millions of Korean won)	March 31, 2021	December 31, 2020
Non-current portion		
Equity instruments	13,399,200	12,575,216

(2) Financial assets at fair value through profit or loss

(In millions of Korean won)	March 31, 2021	December 31, 2020	
Current portion			
Debt instruments	59,495	71,451	
Non-current portion			
Equity instruments	718,472	819,144	
Debt instruments	402,599	383,825	
Subtotal	1,121,071	1,202,969	
Total	1,180,566	1,274,420	

(B) Details of listed equity securities of financial assets at fair value as of March 31, 2021 and December 31, 2020 are as follows:

	March 31, 2021			December 31, 2020	
(In millions of Korean won, number of shares and percentage)	Number of shares owned	Percentage of ownership ¹ (%)	Acquisition cost	Carrying amount (Market value)	Carrying amount (Market value)
Samsung Heavy Industries	100,693,398	16.0	735,488	782,388	708,882
Hotel Shilla	2,004,717	5.1	13,957	174,210	164,988
iMarket Korea	647,320	1.9	324	5,871	5,658
Wonik Holdings	3,518,342	4.6	30,821	23,256	22,306
Wonik IPS	3,701,872	7.5	32,428	191,387	163,808
SFA	3,644,000	10.2	38,262	147,764	140,658
ASML Holding N.V	6,297,787	1.5	363,012	4,324,854	3,350,532
Wacom Co., Ltd.	8,398,400	5.0	62,013	64,082	76,589
BYD Company Limited	7,814,919	0.3	79,049	221,579	1,695,488
Other			491,958	977,846	1,012,825
Total			1,847,312	6,913,237	7,341,734

¹ Ownership represents the Company's ownership of the total ordinary shares issued by each entity.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

5. Inventories

Inventories as of March 31, 2021 and December 31, 2020 are as follows:

	March 31, 2021			December 31, 2020			
(In millions of Korean won)	Gross amount	Valuation allowance	Carrying amount	Gross amount	Valuation allowance	Carrying amount	
Finished goods	9,177,783	(347,697)	8,830,086	9,711,668	(323,782)	9,387,886	
Work in process	11,261,152	(676,957)	10,584,195	12,144,887	(326,797)	11,818,090	
Raw materials and supplies	10,948,219	(732,899)	10,215,320	10,464,679	(673,913)	9,790,766	
Materials in transit	990,375	-	990,375	1,046,403	-	1,046,403	
Total	32,377,529	(1,757,553)	30,619,976	33,367,637	(1,324,492)	32,043,145	

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

6. Investments in Associates and Joint Ventures

(A) Changes in investments in associates and joint ventures for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020	
Balance as of January 1	8,076,779	7,591,612	
Acquisition	14,500	12,924	
Disposal	(661)	-	
Share of profit	147,519	60,644	
Other ¹	(141,416)	(77,006)	
Balance as of March 31	8,096,721	7,588,174	

¹ Other consists of dividends, impairment, and reclassification.

(B) Major investments in associates and joint ventures as of March 31, 2021 are as follows:

(1) Investments in associates

			Principal	
Investee	Nature of relationship with associate	Percentage of ownership (%) ¹	business location	Fiscal period-end
Samsung Electro- Mechanics Co., Ltd.	Manufacture and supply electronic components including passive components, circuit boards, and modules	23.7	Korea	December
Samsung SDS Co., Ltd.	Provide IT services including computer programming, system integration and management and logistical services	22.6	Korea	December
Samsung Biologics Co., Ltd.	Business investment	31.5	Korea	December
Samsung SDI Co., Ltd. ²	Manufacture and supply electronic components including secondary cell batteries	19.6	Korea	December
Cheil Worldwide, Inc.	Advertising agency	25.2	Korea	December

¹ Ownership represents the Company's ownership of the total ordinary shares issued by each entity.

² The Company's ownership of ordinary shares outstanding is 20.6%.

(2) Investments in joint ventures

			Principal	
Investee	Nature of relationship with joint venture	Percentage of ownership (%) ¹	business location	Fiscal period-end
Samsung Corning Advanced Glass LLC	Manufacture and supply industrial glass devices	50.0	Korea	December

¹ Ownership represents the Company's ownership of the total ordinary shares issued by each entity.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(C) Details of investments in associates and joint ventures as of March 31, 2021 and December 31, 2020 are as follows:

(1) Investments in associates

(In millions of Korean won)		March 31, 2021	
Investee	Acquisition cost	Net asset value of equity shares ¹	Carrying amount
Samsung Electro-Mechanics	359,237	1,406,145	1,393,182
Samsung SDS	147,963	1,510,644	1,530,031
Samsung Biologics	443,193	1,467,494	1,473,883
Samsung SDI	1,242,605	2,667,666	2,338,478
Cheil Worldwide	506,162	277,012	575,611
Other	550,792	466,355	597,891
Total	3,249,952	7,795,316	7,909,076

¹ The Company's portion of net asset value of associates is based on the Company's percentage of ownership.

(In millions of Korean won)		December 31, 2020	
Investee	Acquisition cost	Net asset value of equity shares ¹	Carrying amount
Samsung Electro-Mechanics	359,237	1,351,864	1,333,819
Samsung SDS	147,963	1,506,421	1,525,857
Samsung Biologics	443,193	1,448,259	1,453,012
Samsung SDI	1,242,605	2,612,629	2,326,037
Cheil Worldwide	506,162	288,877	586,057
Other	620,233	458,182	666,506
Total	3,319,393	7,666,232	7,891,288

¹ The Company's portion of net asset value of associates is based on the Company's percentage of ownership.

(2) Investments in joint ventures

(In millions of Korean won)		March 31, 2021	
		Net asset value of	
Investee	Acquisition cost	equity shares ¹	Carrying amount
Samsung Corning Advanced Glass	215,000	126,925	126,921
Other	259,994	68,867	60,724
Total	474,994	195,792	187,645

¹ The Company's portion of net asset value of joint ventures is based on the Company's percentage of ownership.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(In millions of Korean won)	December 31, 2020			
	Net asset value of			
Investee	Acquisition cost	equity shares ¹	Carrying amount	
Samsung Corning Advanced Glass	215,000	123,360	123,356	
Other	259,994	68,875	62,135	
Total	474,994	192,235	185,491	

¹ The Company's portion of net asset value of joint ventures is based on the Company's percentage of ownership.

(D) Details of the valuation of investments in associates and joint ventures using the equity method are as follows:

(1) For the three-month period ended March 31, 2021

(In millions of Korean won)	Balance as of January 1	Share of profit (loss)	Share of other comprehensive income	Other ¹	Balance as of March 31
Samsung Electro-Mechanics	1,333,819	57,019	27,114	(24,770)	1,393,182
Samsung SDS	1,525,857	35,196	10,911	(41,933)	1,530,031
Samsung Biologics	1,453,012	20,766	105	-	1,473,883
Samsung SDI	2,326,037	16,804	9,100	(13,463)	2,338,478
Cheil Worldwide	586,057	9,350	4,596	(24,392)	575,611
Samsung Corning Advanced Glass	123,356	3,565	-	-	126,921
Other	728,641	4,819	(91,322)	16,477	658,615
Total	8,076,779	147,519	(39,496)	(88,081)	8,096,721

¹ Other consists of acquisitions, disposals, dividends, impairment and reclassification.

(2) For the three-month period ended March 31, 2020

(In millions of Korean won)	Balance as of January 1	Share of profit (loss)	Share of other comprehensive income	Other ¹	Balance as of March 31
Samsung Electro-Mechanics	1,152,734	33,157	8,373	(19,462)	1,174,802
Samsung SDS	1,499,571	(6,722)	10,304	(41,933)	1,461,220
Samsung Biologics	1,377,043	11,115	397	-	1,388,555
Samsung SDI	2,233,516	5,696	(23,624)	(13,463)	2,202,125
Cheil Worldwide	570,215	6,885	2,107	(23,811)	555,396
Samsung Corning Advanced Glass	173,742	473	-	-	174,215
Other	584,791	10,040	197	36,833	631,861
Total	7,591,612	60,644	(2,246)	(61,836)	7,588,174

¹ Other consists of acquisitions, disposals, dividends, impairment, and reclassification.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

- (E) Summary of the financial information of major associates and joint ventures
 - (1) Summary of financial information of major associates and dividends received from associates as of March 31, 2021 and December 31, 2020, and for the three-month periods ended March 31, 2021 and 2020 are as follows:

	2021				
	Samsung Electro-	Samsung	Samsung	Samsung	Cheil
(In millions of Korean won)	Mechanics	SDS	Biologics	SDI	Worldwide
1. Condensed financial information					
Condensed statements of financial position :					
Current assets	4,468,328	6,956,072	1,790,018	5,770,462	1,671,42
Non-current assets	5,213,171	2,591,556	4,689,089	16,152,379	500,18
Current liabilities	2,048,385	2,059,405	557,510	4,983,979	1,032,19
Non-current liabilities	1,478,953	609,226	1,261,736	3,296,555	164,55
Non-controlling interests	150,097	191,277	-	391,310	8,68
Condensed statements of comprehensive incom	e:				
Revenue	2,371,949	3,061,308	260,797	2,963,211	696,74
Profit from continuing operations, net of tax ¹	235,291	156,029	60,976	134,207	32,52
Loss from discontinued operation, net of tax ¹	(2,075)	-	-	-	
Other comprehensive income ¹	104,468	48,453	102	206,119	11,17
Total comprehensive income ¹	337,684	204,482	61,078	340,326	43,69
2. Dividends from associates					
Dividends	24,770	41,933	-	13,463	24,39

¹ Profit (loss) attributable to owners of the investee

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

	2020					
(In millions of Korean won)	Samsung Electro- Mechanics	Samsung SDS	Samsung Biologics	Samsung SDI	Cheil Worldwide	
1. Condensed financial information						
Condensed statements of financial position:						
Current assets	4,150,303	6,581,153	1,751,347	5,657,405	1,742,270	
Non-current assets	5,075,196	2,573,766	4,672,854	15,876,827	500,194	
Current liabilities	1,914,880	1,720,757	589,301	4,983,633	1,046,224	
Non-current liabilities	1,400,223	575,054	1,236,117	3,191,672	180,710	
Non-controlling interests	138,107	190,081	-	381,311	7,988	
Condensed statements of comprehensive income:						
Revenue	2,224,466	2,436,079	207,197	2,397,530	681,249	
Profit (loss) from continuing operations, net of tax^1	124,114	(29,826)	36,653	(9,587)	24,019	
Profit from discontinued operation, net of tax ¹	7,939	-	-	-		
Other comprehensive income (loss) ¹	29,907	25,518	491	(138,823)	1,999	
Total comprehensive income (loss) ¹	161,960	(4,308)	37,144	(148,410)	26,018	
2. Dividends from associates						
Dividends	19,462	41,933	-	13,463	23,811	

¹ Profit (loss) attributable to owners of the investee.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(2) Summary of financial information of major joint ventures and dividends received from joint ventures as of March 31, 2021 and December 31, 2020, and for the three-month periods ended March 31, 2021 and 2020 are as follows:

	Samsung Corning Advanced Glass			
(In millions of Korean won)	2021	2020		
Condensed financial information				
Condensed statements of financial position:				
Current assets	132,448	133,896		
Non-current assets	153,893	153,792		
Current liabilities	31,395	39,151		
Non-current liabilities	1,095	1,817		
Condensed statements of comprehensive income ¹ :				
Revenue	46,067	32,878		
Profit from continuing operations, net of tax	7,130	840		
Profit from discontinued operations, net of tax	-	106		
Other comprehensive income	-	-		
Total comprehensive income	7,130	946		
Dividends from joint ventures				
Dividends	-	-		

¹ Profit (loss) for the three-month periods ended March 31, 2021 and 2020.

(3) Profit (loss) attributable to owners of the parent company from associates and joint ventures which are not individually material for the three-month periods ended March 31, 2021 and 2020 are as follows:

	20	21	2020		
(In millions of Korean won)	Associates	Joint ventures	Associates	Joint ventures	
Profit from continuing operations	4,385	435	9,912	128	
Other comprehensive income (loss)	2,093	(1,507)	(1,294)	1,491	
Total comprehensive income (loss)	6,478	(1,072)	8,618	1,619	

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(F) Details of marketable investments in associates as of March 31, 2021 and December 31, 2020 are as follows:

(In millions of Korean won and number of shares)	March 31,	December 31, 2020	
	Number of shares held	Market value	Market value
Samsung Electro-Mechanics	17,693,084	3,317,453	3,149,369
Samsung SDS	17,472,110	3,380,853	3,118,772
Samsung Biologics	20,836,832	15,585,950	17,211,223
Samsung SDI	13,462,673	8,885,364	8,454,559
Cheil Worldwide	29,038,075	617,059	598,184

(G) Other matters

On July 12, 2018, the Korea Securities and Futures Commission determined an initial measure following an investigation relating to Samsung Biologics Co., Ltd., an associate of the Company, and its accounting for its investment in Samsung Bioepis Co., Ltd, a joint venture between Biogen Therapeutics Inc. and Samsung Biologics Co., Ltd. This measure included a recommendation to dismiss the director in charge, prosecution charges, and external auditor designation by the regulator, on the basis that the Joint Venture Agreement was not disclosed in the notes to the financial statements. On November 14, 2018, the Korea Securities and Futures Commission determined a second measure which included a penalty of $\frac{W}{2}$ 8,000 million, a recommendation to dismiss the CEO, a requirement to restate its financial statements, and further prosecution charges.

To prove justification of its accounting treatment, Samsung Biologics Co., Ltd. filed a suit for cancellation of the aforementioned measures to the Seoul Administrative Court, which is currently in progress. On September 24, 2020, the Seoul Administrative Court announced a decision to cancel the first measure charged by the Korea Securities and Futures Commission, and suspended its execution until the final rulings of the appeal. On October 16, 2020, the Korea Securities and Futures Commission appealed and the litigation is in progress at Seoul High Court. Samsung Biologics Co., Ltd. also filed for suspending the execution of the initial and second measures. On January 22, 2019 and February 19, 2019, the Seoul Administrative Court pronounced decisions to suspend the second and initial measure, respectively, until the final rulings. The Korea Securities and Futures Commission immediately appealed against the decisions but the appeals were dismissed by the Seoul High Court on May 13, 2019 and May 24, 2019, in relation to the second and first measures, respectively. On May 23, 2019 and June 10, 2019, the Korea Securities and Futures Commission's re-appealed against the dismissals relating to the second and first measures, respectively, on September 6, 2019 and October 11, 2019, the Supreme Court of Korea dismissed the Korea Securities and Futures Commission's re-appeal relating to the second and first measures, respectively, and confirmed the decision to suspend execution of these measures.

Although the future outcome of the administrative litigation cannot be estimated, should Samsung Biologics Co., Ltd. be required to restate its financial statements to amend its historical accounting treatment relating to its investment in Samsung Bioepis Co., Ltd., the Company's share of profit or loss relating to its equity method investment, the amount of investment in associates, and retained earnings, for the years ended December 31, 2015 and onwards, and the profit on disposal of investment for the year ended December 31, 2016, may be impacted. Given the timing of completion and the final result of the administrative litigation between Samsung Biologics Co., Ltd. and the Korea Securities and Futures Commission is uncertain and cannot currently be estimated, it is not possible for the Company to recognize the effects of these proceedings in the current period consolidated financial statements.
NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

7. Property, Plant and Equipment

(A) Changes in property, plant and equipment for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020	
Balance as of January 1	128,952,892	119,825,474	
Acquisition and capital expenditures	10,176,110	7,528,089	
Depreciation	(7,147,736)	(6,591,167)	
Disposals/scrap/impairment	(133,013)	(120,028)	
Other ¹	899,459	1,035,604	
Balance as of March 31	132,747,712	121,677,972	

¹Other includes effects of changes in foreign currency exchange rates and effects of the offset of government grants.

(B) Details of depreciation of property, plant and equipment for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020
Cost of sales	6,302,755	5,781,344
Selling and administrative expenses, and etc.	844,981	809,823
Total	7,147,736	6,591,167

(C) Right-of-use assets as of March 31, 2021 amount to ₩ 3,151,346 million (December 31, 2020: ₩ 2,969,873 million). During the three-month periods ended March 31, 2021 and 2020, newly recognized right-of-use assets amount to ₩ 453,516 million and ₩ 204,038 million, respectively, with relevant depreciation of ₩ 225,514 million and ₩ 198,075 million, respectively.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

8. Intangible Assets

(A) Changes in intangible assets for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020
Balance as of January 1	18,468,502	20,703,504
External acquisitions	319,391	371,836
Internally generated / developed	101,577	-
Amortization	(695,542)	(814,438)
Disposals/scrap/impairment	(9,822)	(12,923)
Other ¹	202,577	664,415
Balance as of March 31	18,386,683	20,912,394

¹Other includes the cumulative effect of changes in foreign currency exchange rates and business combinations.

(B) Details of amortization of intangible assets for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020	
Cost of sales	488,175	575,855	
Selling and administrative expenses and other	207,367	238,583	
Total	695,542	814,438	

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

9. Borrowings

Details of the carrying amounts of borrowings as of March 31, 2021 and December 31, 2020 are as follows:

(In millions of Korean won)	Financial institutions	Interest rates (%) as of Mar 31, 2021	March 31, 2021	December 31, 2020
Short-term borrowings				
Collateralized borrowings ¹	Woori Bank and others	0.0~12.8	13,734,616	14,275,043
Non-collateralized borrowings	Citibank and others	0.0~16.8	2,413,604	2,278,386
Total			16,148,220	16,553,429
Current portion of long-term born Bank borrowings	owings BNP Paribas	14.8	13,604	<u>-</u>
Lease liabilities ²	CSSD and others	3.7	718,713	710,781
Total			732,317	710,781
Long-term borrowings				
Lease liabilities ²	CSSD and others	3.7	2,123,829	1,999,716

¹ Collateralized borrowings are secured by trade receivables.

² Interest expenses arising from the lease liabilities for the three-month periods ended March 31, 2021 and 2020 amounted to $\frac{1}{2}$ 25,835 million and $\frac{1}{2}$ 28,609 million, respectively, which were determined using the weighted average incremental borrowing rate. The right-of-use assets are pledged as collateral to the lessor in the event of default.

10. Debentures

Details of the carrying amounts of debentures as of March 31, 2021 and December 31, 2020 are as follows:

(In millions of Korean won)	Issue date	Due date	Interest rates (%) as of Mar 31, 2021	March 31, 2021	December 31, 2020
(In millions of Korean won)	Issue uate	Due uate	as of what 51, 2021	39,673	38,080
US dollar denominated straight bonds ¹	1997.10.2	2027.10.1	7.7	(USD 35 million)	(USD 35 million)
	2015 5 11	2025 5 15	4.2	453,400	435,200
US dollar denominated debenture bonds ²	2015.5.11	2025.5.15	4.2	(USD 400 million)	(USD 400 million)
EURO denominated debenture bonds ³	2015.5.27	2022.5.27 2.0		464,903	468,383
EGRO denominated debendure bonds	2013.3.27			(EUR 350 million)	(EUR 350 million)
Less: Discounts				(836)	(853)
Add: Premium				11,163	12,645
Less: Current portion				(5,548)	(5,318)
Total				962,755	948,137

¹ US dollar denominated straight bonds are repaid annually for twenty years after a ten-year grace period from the date of issuance. Interest is paid semi-annually.

² Harman International Industries, Inc. issued US dollar denominated debenture bonds. These debentures are repaid on the date of 10 years maturity and interest is paid semi-annually.

³ Harman Finance International, SCA issued Euro denominated debenture bonds. These debentures are repaid on the date of 7 years maturity and interest is paid annually.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

11. Net Defined Benefit Liabilities (Assets)

(A) Details of net defined benefit liabilities (assets) recognized in the statements of financial position as of March 31, 2021 and December 31, 2020 are as follows:

(In millions of Korean won)	March 31, 2021	December 31, 2020
Present value of funded defined benefit obligations	12,977,508	12,400,964
Present value of unfunded defined benefit obligations	442,367	548,035
Subtotal	13,419,875	12,948,999
Fair value of plan assets	(13,971,462)	(13,840,043)
Total	(551,587)	(891,044)

(B) The components of defined benefit costs recognized in profit or loss for the three-month periods ended March 31, 2021 and 2020 relating to defined benefit plans are as follows:

(In millions of Korean won)	2021	2020
Current service cost	312,360	287,089
Net interest income	(10,003)	(958)
Past service cost	(15)	90
Other	3,443	(8,563)
Total	305,785	277,658

(C) The expenses related to defined benefit plans recognized in the statements of profit or loss for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020
Cost of sales	128,189	126.269
Selling and administrative expenses and other	177,596	151,389
Total	305,785	277,658

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

12. Provisions

(In millions of Korean won)	Warranty (A)	Royalty expenses (B)	Long-term incentives (C)	Other (D, E)	Total
Balance as of January 1	1,765,882	1,304,091	651,298	1,679,720	5,400,991
Charged to profit or loss	352,492	321,097	71,895	423,952	1,169,436
Payment	(310,506)	(290,694)	(226,903)	(268,626)	(1,096,729)
Other ¹	15,590	60,415	473	72,354	148,832
Balance as of March 31	1,823,458	1,394,909	496,763	1,907,400	5,622,530

Changes in the provisions for the three-month period ended March 31, 2021 are as follows:

¹ Other includes effects of changes in foreign currency exchange rates.

(A) The Company accrues warranty reserves for estimated costs of quality assurance, exchanges, repairs, recalls, and future services based on historical experience and terms of warranty programs.

(B) The Company recognizes provisions for the estimated royalty expenses that are under negotiation with counterparties. The timing and amount of payment depend on the settlement of the negotiation.

(C) The Company has a long-term incentive plan for its executives based on a three-year management performance criteria and recognizes a provision for the estimated incentive cost for the accrued period.

- (D) The Company records provisions for future expenses expected to be incurred for products that have been discontinued from manufacturing and sales.
- (E) The Company makes provisions for the carrying amounts of emission rights held by the Company and the emission in excess of the emission rights for the applicable years. Details of emission rights and liabilities as of March 31, 2021 are as follows:
 - (1) The amount of emission rights allocated free of charge in the current commitment period and the estimated amount of emission as of March 31, 2021 are as follows:

(In ten thousand metric tons)	March 31, 2021	
Emission rights allocated free of charge	1,643	
Estimated volume of emission	1,977	

(2) Changes in the emission rights for the three-month period ended March 31, 2021 are as follows:

(In millions of Korean won)	2021
Balance as of January 1	44,865
Increase	-
Balance as of March 31	44,865

(3) Changes in emissions liabilities for the three-month period ended March 31, 2021 are as follows:

(In millions of Korean won)	2021
Balance as of January 1	31,876
Charged to profit or loss	8,370
Submission	-
Balance as of March 31	40,246

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

13. Commitments and Contingencies

(A) Litigation

The Company is involved in various claims, disputes, and investigations conducted by regulatory bodies, which arose during the normal course of business with numerous entities. Although the outflow of resources and timing of these matters are uncertain, as of the reporting date, the Company believes the outcome will not have a material impact on the financial position of the Company.

14. Contract Liabilities

The Company has recognized contract liabilities related to contracts with customers as follows:

(In millions of Korean won)	March 31, 2021	December 31, 2020
Contract liabilities ¹	11,819,669	11,902,130

¹ Contract liabilities include advances received, accrued expenses, other current liabilities and others.

15. Share Capital

As of March 31, 2021, the Company's total number of authorized shares is 25,000,000,000 shares (Ψ 100 per share). The Company has issued 5,969,782,550 shares of ordinary shares and 822,886,700 shares of preference shares as of March 31, 2021, excluding retired shares. As of the March 31, 2021, the number of shares outstanding is the same as the number of shares issued above, and no changes were made to the number of shares outstanding during the three-month periods ended March 31, 2021 and 2020. Due to the retirement of shares, the total par value of the shares issued is Ψ 679,267 million (ordinary shares of Ψ 596,978 million and preference shares of Ψ 82,289 million), which does not agree with paid-in capital of Ψ 897,514 million.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

16. Retained Earnings

(A) Retained earnings as of March 31, 2021 and December 31, 2020 consist of the following:

(In millions of Korean won)	ean won) March 31, 2021	
Discretionary reserve, etc.	170,047,216	174,739,565
Unappropriated retained earnings	96,018,926	96,328,646
Total	266,066,142	271,068,211

(B) Details of interim dividends are as follows:

(1) Interim dividends (Record date: March 31, 2021 and 2020)

In millions of I	Korean won and number of shares)		2021	2020
		Ordinary shares	5,969,782,550	5,969,782,550
	Number of shares eligible for dividends	Preference shares	822,886,700	822,886,700
1st O	Dividend rate (based on par value)		361%	354%
1 st Quarter		Ordinary shares	2,155,092	2,113,303
	Dividend amount	Preference shares	297,062	291,302
		Total	2,452,154	2,404,605

17. Other Components of Equity

Other components of equity as of March 31, 2021 and December 31, 2020 are as follows:

(In millions of Korean won)	March 31, 2021	December 31, 2020
Gain on valuation of financial assets at fair value through other comprehensive income	5,703,158	4,975,756
Share of other comprehensive loss of associates and joint ventures	(84,185)	(58,629)
Loss on overseas business translation	(8,604,960)	(10,977,583)
Remeasurement of net defined benefit liabilities (assets)	(2,686,178)	(2,653,425)
Other	55,815	26,726
Total	(5,616,350)	(8,687,155)

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

18. Expenses by Nature

Expenses by nature for the three-month periods ended March 31, 2021 and 2020 consist of the following:

(In millions of Korean won)	2021	2020
Changes in finished goods, work in process, and other	1,739,852	645,739
Raw materials used, merchandise purchased, and other	22,584,423	18,411,092
Wages and salaries	6,702,731	6,087,291
Post-employment benefit	339,184	305,463
Depreciation	7,147,736	6,591,167
Amortization	695,542	814,438
Welfare	1,202,577	1,141,558
Utilities	1,200,411	1,154,703
Outsourcing	1,406,449	1,349,170
Advertising	1,110,369	959,628
Sales promotion expenses	1,624,527	1,612,091
Other	10,251,834	9,805,493
Total ¹	56,005,635	48,877,833

¹ Equal to the sum of cost of sales and selling and administrative expenses in the consolidated statements of profit or loss.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

19. Selling and Administrative Expenses

Selling and administrative expenses for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020
Selling and administrative expenses		
Wages and salaries	1,796,634	1,633,653
Post-employment benefit	77,734	57,324
Commissions	1,460,993	1,380,275
Depreciation	382,074	409,564
Amortization	135,583	144,711
Advertising	1,110,369	959,628
Sales promotion expenses	1,624,527	1,612,091
Transportation	608,762	452,241
Service charges	820,657	732,528
Other	1,047,773	1,329,130
Subtotal	9,065,106	8,711,145
Research and development expenses		
Total expenses	5,542,121	5,359,994
Capitalized expenses	(101,577)	-
Subtotal	5,440,544	5,359,994
Total	14,505,650	14,071,139

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

20. Other Non-Operating Income and Expenses

Details of other non-operating income and expenses for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020
Other non-operating income		
	9.724	2(020
Dividend income	8,734	36,029
Rental income	33,818	36,285
Gain on disposal of property, plant and equipment	75,471	35,385
Other	181,719	207,807
Total	299,742	315,506
(In millions of Korean won)	2021	2020
Other non-operating expenses		
Loss on disposal of property, plant and equipment	9,842	9,166
Donations	39,207	77,444
Other	275,191	277,445
Total	324,240	364,055

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

21. Financial Income and Expenses

Details of financial income and expenses for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020
Financial income		
Interest income	332,548	586,833
Interest income from financial assets measured at amortized cost	332,473	586,750
Interest income from financial assets measured at fair value through profit or loss	75	83
Foreign exchange differences	1,708,037	2,762,502
Gains from derivatives	198,053	442,043
Total	2,238,638	3,791,378
(In millions of Korean won)	2021	2020
Financial averages		
-	96,442	140,173
Financial expenses Interest expenses Interest expenses from financial liabilities measured at amortized cost	96,442 43,267	140,173 47,120
Interest expenses		
Interest expenses from financial liabilities measured at amortized cost	43,267	47,120 93,053
Interest expenses Interest expenses from financial liabilities measured at amortized cost Other financial liabilities	43,267 53,175	47,120

The Company recognizes foreign exchange gains and losses arising from foreign currency transactions and translation as financial income and expenses.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

22. Income Tax Expense

Income tax expense is recognized based on management's best estimate of the weighted average annual income tax rate expected for the full financial year. The average annual tax rate expected as of March 31, 2021 to be effective for the year ended December 31, 2021 is 26.8%.

23. Earnings per Share

(A) Basic earnings per share

Basic earnings per share for the three-month periods ended March 31, 2021 and 2020 are calculated as follows:

(1) Ordinary shares

(In millions of Korean won, thousands of number of shares)	2021	2020
Profit for the period attributable to owners of the parent company	7,092,786	4,889,599
Profit for the period autobalable for ordinary shares	6,233,542	4,297,257
Weighted-average number of ordinary shares outstanding	5,969,783	5,969,783
Basic earnings per ordinary share (in Korean won)	1,044	720
(2) Preference shares (In millions of Korean won, thousands of number of shares)	2021	2020
Profit for the period attributable to owners of the parent company	7,092,786	4,889,599
Profit for the period available for preference shares	859,244	592,342
Weighted-average number of preference shares outstanding	822,887	822,887
Basic earnings per preference share (in Korean won)	1,044	720

(B) Diluted earnings per share

The Company does not have dilutive potential ordinary shares and as a result, basic earnings per share and diluted earnings per share are the same for the three-month periods ended March 31, 2021 and 2020.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

24. Statements of Cash Flows

The Company used the indirect method to present cash flows from operating activities. Adjustments and changes in assets and liabilities arising from operating activities for the three-month periods ended March 31, 2021 and 2020 are as follows:

- Adjustments

(In millions of Korean won)	2021	2020
Adjustments:		
Income tax expense	2,608,960	1,871,920
Financial income	(1,218,970)	(2,117,124
Financial expenses	866,497	1,725,65
Post-employment benefits	339,184	305,46
Depreciation	7,147,736	6,591,16
Amortization	695,542	814,43
Bad debt expenses (reversal)	(3,356)	26,52
Dividend income	(8,734)	(36,029
Share of profit of associates and joint ventures	(147,519)	(60,644
Gain on disposal of property, plant and equipment	(75,471)	(35,385
Loss on disposal of property, plant and equipment	9,842	9,16
Loss on valuation of inventories	578,786	338,70
Others	91,359	41,30
Total	10,883,856	9,475,16

- Changes in assets and liabilities arising from operating activities

(In millions of Korean won)	2021	2020
Changes in assets and liabilities :		
Increase in trade receivables	(2,105,232)	(415,809)
Decrease (increase) in non-trade receivables	(36,668)	852,573
Increase in prepaid expenses	(367,337)	(394,549)
Decrease (increase) in inventories	1,205,901	(1,763,793)
Increase in trade payables	254,272	1,062,153
Increase in other payables	473,480	110,517
Decrease in advances received	(11,851)	(127,657)
Increase (decrease) in withholdings	20,122	(51,497)
Decrease in accrued expenses	(2,200,255)	(1,036,733)
Increase in provisions	72,707	596,520
Payment of post-employment benefits	(118,436)	(254,411)
Other	(521,371)	(930,199)
Total	(3,334,668)	(2,352,885)

For the three-month periods ended March 31, 2021 and 2020, cash outflows from principal repayment (financial activities) amount to Ψ 193,240 million and Ψ 203,467 million, respectively, and cash outflows due to interest expenses (operating activities) in relation to the lease liabilities amount to Ψ 25,835 million and Ψ 28,609 million, respectively.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

25. Financial Risk Management

The Company's financial risk management focuses on minimizing market risk, credit risk, and liquidity risk arising from operating activities. To mitigate these risks, the Company implements and operates a financial risk policy and program that closely monitors and manages such risks. In addition, the Company uses derivatives to hedge certain risk exposure.

The finance team mainly carries out the Company's financial risk management. After implementing the global financial risk management policies, the finance team periodically measures, evaluates, and hedges financial risk and also establishes and implements the global financial risk management policy.

The Company also manages foreign exchange risk by monitoring foreign exchange rate fluctuations at local finance centers across major regions (United States, United Kingdom, Singapore, China, Brazil, and Russia) and acting as an agent of foreign exchange transactions. In addition, the Company manages liquidity risk by utilizing a globally integrated finance structure.

The Company's financial assets that are under financial risk management are comprised of cash and cash equivalents, shortterm financial instruments, financial assets at amortized cost, trade receivables and others. The Company's financial liabilities under financial risk management are comprised of trade payables, borrowings, and others.

(A) Market risk

(1) Foreign exchange risk

The Company is exposed to foreign exchange risk arising from its global operations performed in currencies other than its functional currency. The major currencies that are exposed to foreign exchange risk are the US dollar, Euro, and Indian Rupee.

The Company focuses on minimizing the impact of foreign exchange fluctuation by maintaining the equal amount of assets and liabilities denominated in each foreign currency, irrespective of foreign exchange fluctuation considerations. To prevent exchange position, the Company's foreign exchange management policy requires normal business transactions, including import and export, as well as financing transactions such as depositing and borrowing, to be in local currency or for the cash-in currency to be matched up with the cash-out currency. Moreover, the Company periodically evaluates and monitors the foreign exchange risk to efficiently mitigate such risk, and the speculative foreign exchange transactions are strictly prohibited.

(2) Interest rate risk

Risk of changes in interest rates for floating interest rate financial instruments is defined as the risk that the fair value of components of the statements of financial position, and future cash flows of interest income (expenses) of a financial instrument, will fluctuate because of changes in market interest rates. The Company's position with regard to interest rate risk exposure is mainly driven by its floating interest rate debt obligations and interest-bearing deposits. The Company implemented policies and operates to minimize uncertainty arising from changes in interest rates and financial expenses.

(3) Price risk

The Company's investment portfolio consists of direct and indirect investments in equity instruments classified as financial assets at fair value through other comprehensive income and financial assets at fair value through profit or loss, which is in line with the Company's strategy.

As of March 31, 2021 and 2020, price fluctuation of marketable equity securities (listed stocks) by 1% would result in changes in other comprehensive income (before income tax) of \mathbb{W} 65,800 million and \mathbb{W} 36,038 million, respectively, and changes in profit before tax of \mathbb{W} 3,333 million and \mathbb{W} 1,743 million, respectively.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(B) Credit risk

Credit risk arises during the normal course of transactions and investing activities where clients or other parties fail to discharge an obligation. The Company monitors and sets the client's and counterparty's credit limit on a periodic basis based on the client's and counterparty's financial conditions, default history and other important factors. Adequate insurance coverage is maintained for trade receivables related to trading partners situated in higher risk countries.

Credit risk can arise from transactions with financial institutions which include financial instrument transactions such as cash and cash equivalents, deposits, and derivative instruments. To minimize such risk, the Company transacts only with banks which have a strong international credit rating (S&P A and above), and all new transactions with financial institutions with no prior transaction history are approved, managed and monitored by the Company's finance team and the local finance center. The Company generally enters into a financial agreement with no restrictions, such as debt ratio covenants, provision of collateral and/or repayment of loans/ borrowings. The Company requires separate approvals for contracts with restrictions.

As of the reporting date, the Company estimates that its maximum exposure to credit risk is the carrying amount of its financial assets, net of impairment losses.

(C) Liquidity risk

Due to large investments made by the Company, maintaining adequate levels of liquidity risk is critical. The Company strives to achieve this goal by periodically forecasting its capital balance, estimating required cash levels, and managing income and expenses.

The Company manages its liquidity risk by periodically forecasting projected cash flows. If abnormal signs are identified, the Company works with the local finance center and provides liquidity support by utilizing a globally integrated finance structure, such as Cash Pooling. In addition, the Company maintains a liquidity management process which provides additional financial support from the local finance center and the Company. The Cash Pooling program allows the sharing of surplus funds among entities and contributes to minimizing liquidity risk and strengthening the Company's competitive position by reducing capital operation expenses and financial expenses.

For the need of large scale of liquidity, the Company secures credit limit for the overseas subsidiaries through payment guarantees.

(D) Capital risk management

The purpose of capital management is to maintain a sound capital structure. The Company monitors capital on the basis of credit ratings and debt ratio. Debt ratio is calculated by dividing total liabilities by total equity in the financial statements.

The Company's capital risk management policy has not changed since the prior reporting periods. The Company has maintained an AA- and Aa3 credit rating from S&P and Moody's, respectively.

The total liabilities to equity ratios as of March 31, 2021 and December 31, 2020 are as follows:

(In millions of Korean won)	March 31, 2021	December 31, 2020	
Total liabilities	118,557,683	102,287,702	
Total equity	274,268,591	275,948,016	
Debt ratio	43.2%	37.1%	

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(E) Fair value estimation

(1) Carrying amounts and fair values of financial instruments by category as of March 31, 2021 and December 31, 2020 are as follows:

	March 31	, 2021	December 31, 2020		
(In millions of Korean won)	Carrying amount	Fair value	Carrying amount	Fair value	
Financial assets					
Cash and cash equivalents	41,039,591	(*1)	29,382,578	(*1)	
Short-term financial instruments	87,159,273	(*1)	92,441,703	(*1)	
Short-term financial assets at amortized cost	3,526,888	(*1)	2,757,111	(*1)	
Short-term financial assets at fair value					
through profit or loss	59,495	59,495	71,451	71,451	
Trade receivables	33,962,077	(*1)	30,965,058	(*1)	
Financial assets at fair value through					
other comprehensive income	13,399,200	13,399,200	12,575,216	12,575,216	
Financial assets at fair value through					
profit or loss	1,121,071	1,121,071	1,202,969	1,202,969	
Other ^(*2)	6,908,647	269,913	6,634,873	239,107	
Total financial assets	187,176,242		176,030,959		
Financial liabilities					
Trade payables	11,133,583	(*1)	9,739,222	(*1)	
Short-term borrowings	16,148,220	(*1)	16,553,429	(*1)	
Other payables	25,061,045	(*1)	10,645,637	(*1)	
Current portion of long-term liabilities	737,865	(*1)(*3)	716,099	(*3)	
Debentures	962,755	1,003,848	948,137	997,101	
Long-term borrowings	2,123,829	(*3)	1,999,716	(*3)	
Long-term other payables ^(*2)	1,107,750	(*1)	1,274,304	2,176	
Other ^(*2)	10,320,643	263,275	9,639,252	284,628	
Total financial liabilities	67,595,690		51,515,796		

(*1) Assets and liabilities whose carrying amount is a reasonable approximation of fair value are excluded from the fair value disclosures.

(*2) Assets measured at the cost of ₩ 6,638,734 million (December 31, 2020: ₩ 6,395,766 million) and liabilities measured at the cost of ₩ 11,165,118 million (December 31, 2020: ₩ 10,626,752 million) are excluded as the carrying amount is a reasonable estimation of fair value.

(*3) Lease liabilities, classified under the current portion of long-term liabilities and long-term borrowings, are excluded from the fair value disclosures in accordance with *Korean IFRS 1107*.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(2) Fair value hierarchy classifications of the financial instruments that are measured or disclosed at fair value as of March 31, 2021 and December 31, 2020 are as follows:

(In millions of Korean won)	Level 1	Level 2	Level 3	Total balance
1) Assets				
Financial assets at fair value through other comprehensive income Financial assets at fair value through	6,579,976	-	6,819,224	13,399,200
profit or loss	333,261	46,500	800,805	1,180,566
Other	-	269,913	-	269,913
2) Liabilities				
Debentures	-	1,003,848	-	1,003,848
Other	-	256,203	7,072	263,275

	December 31, 2020						
(In millions of Korean won)	Level 1	evel 1 Level 2		Total balance			
1) Assets							
Financial assets at fair value through other comprehensive income Financial assets at fair value through	6,910,108	-	5,665,108	12,575,216			
profit or loss	431,626	58,763	784,031	1,274,420			
Other	-	239,107	-	239,107			
2) Liabilities							
Debentures	-	997,101	-	997,101			
Long-term other payables	-	-	2,176	2,176			
Other	-	277,556	7,072	284,628			

The levels of the fair value hierarchy and its application to financial assets and liabilities are described below.

- · Level 1: Quoted prices (unadjusted) in active markets for identical assets or liabilities
- Level 2: Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly
- Level 3: Inputs for the asset or liability that are not based on observable market data (that is, unobservable inputs)

The fair value of financial instruments traded in active markets is based on quoted market prices at the statements of financial position date. A market is regarded as active if quoted prices are readily and regularly available from an exchange, dealer, broker, industry group, pricing service, or regulatory agency, and those prices represent actual and regularly occurring market transactions on an arm's length basis. The quoted market price used for financial assets held by the Company is the current bid price. These instruments are included in Level 1. The instruments included in Level 1 are listed equity investments, most of which are classified as financial assets at fair value through other comprehensive income.

The fair value of financial instruments that are not traded in an active market (for example, over-the-counter derivatives) is determined by using valuation techniques. These valuation techniques maximize the use of observable market data where it is available and rely as little as possible on entity-specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in Level 2.

If one or more of the significant inputs are not based on observable market data, the instrument is included in Level 3.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

The Company performs the fair value measurements required for financial reporting purposes, including Level 3 fair values and discusses valuation processes and results at least once every quarter in line with the Company's quarterly reporting dates. The Company's policy is to recognize transfers between levels at the end of the reporting period, if corresponding events or changes in circumstances have occurred.

Specific valuation techniques used to value financial instruments include:

- Quoted market prices or dealer quotes for similar instruments
- The fair value of forward foreign exchange contracts is determined using forward exchange rates at the statements of financial position date, with the resulting value discounted back to present value

Other techniques, such as discounted cash flow analysis, are used to determine fair value for the remaining financial instruments. For trade and other receivables that are classified as current assets, the book value approximates a reasonable estimate of fair value.

(3) Valuation technique and the inputs

The Company utilizes a present value technique to discount future cash flows using a proper interest rate for corporate bonds, government and public bonds, and bank debentures that are classified as Level 2 in the fair value hierarchy.

The following table presents the valuation technique and the inputs used for major financial instruments classified as Level 3 as of March 31, 2021.

Classification	Fair value	Valuation technique	Level 3 inputs	Input range (Weighted average)					
Financial assets at fair value through other comprehensive income									
Samsung Venture Investment			Permanent growth rate	-1.0%~1.0%(0.0%)					
	22,038	Discounted cash flow	Weighted average cost of capital	18.7%~20.7%(19.7%)					
Corning Incorporated	5 020 (72	m· ·1 11	Risk-adjusted discount rate	5.1%~7.1%(6.1%)					
convertible preference shares	5,839,672	Trinomial model	Price volatility	28.7%~34.7%(31.7%)					

(In millions of Korean won and percentage)

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(4) Changes in Level 3 instruments for the three-month periods ended March 31, 2021 and 2020 are as follows:

(In millions of Korean won)	2021	2020	
Financial assets			
Balance as of January 1	6,449,139	7,407,684	
Acquisitions	21,581	556,615	
Disposals	(36,180)	(1,134,528)	
Amount recognized in profit or loss	19,770	(22,955)	
Amount recognized in other comprehensive income	1,145,421	(910,116)	
Other	20,298	122,072	
Balance as of March 31	7,620,029	6,018,772	
(In millions of Korean won)	2021	2020	
Financial liabilities			
Balance as of January 1	9,248	2,316	
Other	(2,176)	129	
Balance as of March 31	7,072	2,445	

(5) Sensitivity analysis for recurring fair value measurements categorized within Level 3

Sensitivity analysis of financial instruments is performed to measure favorable and unfavorable changes in the fair value of financial instruments which are affected by the unobservable parameters, using a statistical technique. When the fair value is affected by more than two input parameters, the amounts represent the most favorable or unfavorable.

The results of the sensitivity analysis for effect on profit or loss (before tax amount for other comprehensive income or loss) from changes in inputs for major financial instruments which are categorized within Level 3 and subject to sensitivity analysis are as follows:

(In millions of Korean won)	Favorable of	changes	Unfavorable changes		
Classification	Profit or loss	Equity	Profit or loss	Equity	
Financial assets at fair value through other comprehensive income ¹	-	230,797	-	(117,207)	

¹ For equity securities, changes in fair value are calculated with the correlation between growth rate (-1%~1%), volatility (28.7%~34.7%) and discount rate, which are significant unobservable inputs.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

26. Segment Information

(A) Operating segment information

The chief operating decision-maker has been identified as the Management Committee. The Company determines operating segments based on the units reported to the Management Committee. The Management Committee reviews the operating profits of each operating segment in order to assess performance and to make strategic decisions regarding the allocation of resources to the segment.

Sales revenue consists mostly of product sales. The operating segments are product-based and are identified based on the internal organization and revenue streams. As of the reporting date, the operating segments are comprised of CE, IM, DS (Semiconductor and DP), Harman, and others.

The segment information for each reporting period is prepared after allocating intercompany reconciliations to depreciation, amortization of intangible assets and operating profits. Total assets and liabilities of each operating segment are excluded from the disclosure as these have not been provided regularly to the Management Committee.

(1) For the three-month period ended March 31, 2021

			DS				
(In millions of Korean won)	CE	IM	Total ¹	Semi- conductor	DP	Harman	Total ¹
Net revenue	12,987,344	29,205,966	25,823,759	19,006,206	6,923,047	2,367,267	65,388,503
Depreciation	160,324	181,653	6,448,661	4,997,076	1,446,138	76,462	7,147,736
Amortization	20,227	250,321	317,019	255,059	59,463	56,022	695,542
Operating profit	1,115,436	4,392,590	3,748,853	3,366,027	364,428	113,125	9,382,868

¹ Other operating segments are not separately disclosed.

(2) For the three-month period ended March 31, 2020

			DS				
(In millions of Korean won)	CE	IM	Total ¹	Semi- conductor	DP	Harman	Total ¹
Net revenue	10,155,019	26,004,082	24,131,845	17,644,278	6,588,132	2,101,283	55,325,178
Depreciation	136,686	266,736	5,831,896	4,232,637	1,593,050	90,433	6,591,167
Amortization	14,121	352,839	381,082	268,475	110,134	58,890	814,438
Operating profit	465,298	2,649,561	3,719,818	3,992,686	(286,866)	(187,615)	6,447,345

¹ Other operating segments are not separately disclosed.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

(B) Regional information

The regional segment information provided to the Management Committee for the reportable segments as of and for the threemonth periods ended March 31, 2021 and 2020 are as follows:

(1) As of and for the period ended March 31, 2021

(In millions of Korean won)	Korea	America	Europe	Asia and Africa	China	Intercompany elimination	Total
Net segment revenue	10,033,479	20,686,422	13,209,383	10,827,379	10,631,840	-	65,388,503
Non-current assets ¹	111,855,418	9,605,662	5,943,771	9,429,817	15,208,886	(909,159)	151,134,395

¹ Financial instruments, deferred tax assets, and investments in associates and joint ventures are excluded from non-current assets.

(2) As of and for the period ended March 31, 2020

				Asia		Intercompany	
(In millions of Korean won)	Korea	America	Europe	and Africa	China	elimination	Total
Net segment revenue	7,887,604	18,260,472	10,938,825	9,031,899	9,206,378	-	55,325,178
Non-current assets ¹	100,080,351	10,619,235	6,777,345	11,220,041	14,355,275	(461,880)	142,590,367

¹ Financial instruments, deferred tax assets, and investments in associates and joint ventures are excluded from non-current assets.

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

27. Related Party Transactions

(A) Sale and purchase transactions

Sale and purchase transactions with related parties for the three-month periods ended March 31, 2021 and 2020 are as follows:

			Purchase of non-current assets		
(In millions of Korean won)	Name of company ¹	Sales			
	Samsung SDS	70,200	-	403,699	83,691
	Samsung Electro-Mechanics	29,507	-	385,710	-
Associates and	Samsung SDI	23,878	154	138,819	7,247
joint ventures	Cheil Worldwide	25,126	-	157,185	-
	Other	293,248	68	2,833,972	28,475
	Total	441,959	222	3,919,385	119,413
	Samsung C&T	28,303	-	63,226	900,762
Other related	Other	104,634	-	543,452	217,726
parties	Total	132,937	-	606,678	1,118,488
	Samsung Engineering	81	-	3,835	89,484
$O(1)^2$	S-1	1,902	-	113,250	11,084
Other ²	Other	31,433	-	51,848	43,226
	Total	33,416	-	168,933	143,794

¹ Transactions with separate entities that are related parties of the Company.

² Although these entities are not related parties of the Company in accordance with *Korean IFRS 1024*, they belong to the same large enterprise group in accordance with the Monopoly Regulation and Fair Trade Act.

			2020	0	
(In millions of			Disposal of non-current		Purchase of non-current
Korean won)	Name of company ¹	Sales	assets	Purchases	assets
	Samsung SDS	52,378	-	416,559	111,142
	Samsung Electro-Mechanics	23,990	-	534,751	-
Associates and joint ventures	Samsung SDI	25,575	272	144,517	19,468
	Cheil Worldwide	24,556	-	189,356	-
	Other	367,398	29	2,447,147	31,394
	Total	493,897	301	3,732,330	162,004
	Samsung C&T	13,774	417	83,843	257,236
Other related parties	Other	74,517	-	269,682	58,052
	Total	88,291	417	353,525	315,288
	Samsung Engineering	2,343	-	76	69,182
Other ²	S-1	4,655	-	102,334	4,428
	Other	26,734	-	51,298	4,655
	Total	33,732	-	153,708	78,265

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

¹ Transactions with separate entities that are related parties of the Company.

² Although these entities are not related parties of the Company in accordance with *Korean IFRS 1024*, they belong to the same large enterprise group in accordance with the Monopoly Regulation and Fair Trade Act.

(B) Balances of receivables and payables

Balances of receivables and payables arising from sales and purchases of goods and services as of March 31, 2021 and December 31, 2020 are as follows:

		March 31, 2	21
(In millions of Korean won)	Name of company ¹	Receivables	Payables ²
	Samsung SDS	68,844	486,298
	Samsung Electro-Mechanics	24,882	178,413
Associates and	Samsung SDI	116,260	73,219
joint ventures	Cheil Worldwide	24,518	366,903
	Other	237,938	1,088,247
	Total	472,442	2,193,080
	Samsung C&T	239,831	1,985,297
Other related parties	Other	37,178	183,488
	Total	277,009	2,168,785
	Samsung Engineering	77	252,052
0.1 -3	S-1	1,306	40,761
Other ³	Other	8,058	38,557
	Total	9,441	331,370

¹ Balances due from and to separate entities that are related parties of the Company.

² Payables and others include lease liabilities.

³ Although these entities are not related parties of the Company in accordance with *Korean IFRS 1024*, they belong to the same large enterprise group in accordance with the Monopoly Regulation and Fair Trade Act.

		December 31	December 31, 2020	
(In millions of Korean won)	Name of company ¹	Receivables	Payables ²	
	Samsung SDS	36,905	543,388	
	Samsung Electro-Mechanics	379	120,407	
Associates and	Samsung SDI	108,561	89,178	
joint ventures	Cheil Worldwide	195	398,836	
	Other	253,921	1,154,549	
	Total	399,961	2,306,358	
	Samsung C&T	245,138	2,327,126	
Other related parties	Other	20,484	172,726	
	Total	265,622	2,499,852	
	Samsung Engineering	492	538,853	
	S-1	2,091	45,257	
Other ³	Other	11,344	55,053	
	Total	13,927	639,163	

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

¹ Balances due from and to separate entities that are related parties of the Company.

² Payables and others include lease liabilities.

³ Although these entities are not related parties of the Company in accordance with *Korean IFRS 1024*, they belong to the same large enterprise group in accordance with the Monopoly Regulation and Fair Trade Act.

- (C) For the three-month periods ended March 31, 2021 and 2020, the Company invested ¥ 14,500 million and ¥ 12,924 million, respectively, in associates and joint ventures. In addition, there was no return of investments in associates and joint ventures for the three-month periods ended March 31, 2021 and 2020.
- (D) For the three-month period ended March 31, 2021, the Company declared ₩ 2,261,462 million of dividends (₩ 415,286 million for the three-month period ended March 31, 2020) to related parties. As of March 31, 2021, the dividend payable to related parties amounted to ₩ 2,261,462 million. In addition, for the three-month period ended March 31, 2021, the Company declared ₩ 171,566 million (₩ 31,436 million for the three-month period ended March 31, 2020) of dividends to the entities that are not related parties of the Company in accordance with *Korean IFRS 1024*, but belong to the same conglomerate according to the Monopoly Regulation and Fair Trade Act. As of March 31, 2021, dividend payables to the entities that are not in scope of Korean IFRS 1024 amounted to ₩ 171,566 million.
- (E) For the three-month periods ended March 31, 2021 and 2020, the Company has not entered into any lease agreement with its related parties, and the lease payments made to the related parties amounted to $\frac{1}{2}$ 8,369 million and $\frac{1}{2}$ 13,449 million, respectively.
- (F) Key management compensation

The compensation paid or payable to key management (executive directors) for their services for the three-month periods ended March 31, 2021 and 2020 consists of:

(In millions of Korean won)	2021	2020
Short-term employee benefits	2,868	2,147
Post-employment benefits	222	229
Other long-term employee benefits	1,625	1,716

NOTES TO THE INTERIM CONSOLIDATED FINANCIAL STATEMENTS

28. Assets and Liabilities Held-for-Sale (Disposal Groups)

(A) Sales of ownership interest in SSM and SSL

For the year ended December 31, 2020, the Company decided to sell its 100% ownership in Samsung Suzhou Module Co., Ltd. ("SSM") and 60% ownership in Samsung Suzhou LCD Co., Ltd. ("SSL") to TCL China Star Opto-electronics Technologies Co. (CSOT). The Company entered into the sales agreement on August 28, 2020, and the sales were completed on April 1, 2021.

(B) Details of assets and liabilities classified as held-for-sale as of March 31, 2021 and December 31, 2020 are as follows:

(In millions of Korean won)	March 31, 2021	December 31, 2020	
Assets held-for-sale			
Cash and cash equivalents	551,268	139	
Trade receivables	223,059	-	
Inventories	111,804	53,157	
Other current assets	14,139	26,474	
Property, plant and equipment	717,703	766,614	
Intangible assets	1,150	1,421	
Other non-current assets	86,170	81,627	
Total	1,705,293	929,432	
Liabilities held-for-sale			
Current liabilities	199,217	337,032	
Non-current liabilities	1,218	1,710	
Total	200,435	338,742	

(C) Details of accumulated other comprehensive income attributable to assets held-for-sale are as follows:

(In millions of Korean won)	March 31, 2021	December 31, 2020
Gain (loss) on overseas business translation, net of tax	16,055	(12,132)

29. Events subsequent to the reporting period

On April 8, 2021, the Company converted 2,300 shares of convertible preference stock issued by Corning Incorporated into 115 million shares of common stock, and disposed 35 million shares of converted common stock to Corning Incorporated.