## **Operational Summary**

for the Fiscal Year Ended March 31, 2020

May 13, 2020 Mitsubishi Chemical Holdings Corporation

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Mitsubishi Chemical Holdings Corporation has adopted IFRS starting with FY2016 1Q.

## **List of Abbreviations**

FY2020	April 1, 2020 – March 31, 2021					
	1st Half (1H):	April 1, 2020 – September 30, 2020				
	2nd Half (2H):	October 1, 2020 – March 31, 2021				
FY2019	April 1, 2019 – March 31, 2020					
	1st Quarter (1Q):	April 1, 2019 – June 30, 2019				
	2nd Quarter (2Q):	July 1, 2019 – September 30, 2019				
	3rd Quarter (3Q):	October 1, 2019 – December 31, 2019				
	4th Quarter (4Q):	January 1, 2020 – March 31, 2020				
	1st Half (1H):	April 1, 2019 – September 30, 2019				
	2nd Half (2H):	October 1, 2019 – March 31, 2020				
FY2018	April 1, 2018 – March 31, 2019					
MCHC	Mitsubishi Chemical Holdings Co	prporation				
MCC	Mitsubishi Chemical Corporation					
MTPC	Mitsubishi Tanabe Pharma Corporation					
LSII	Life Science Institute, Inc.					
TNSC	Taiyo Nippon Sanso Corporation	I				

## **Consolidated Statements of Operations**

	Exchange Rate (¥/\$)	108.7	109.2	109.0	111.1	(2.1)	(2%)
	Naphtha Price (¥/kl)	42,800	43,100	42,900	49,400	(6,500)	(13%)
			·			(Billions of Yen)	
		1H	2Н	FY2019	FY2018	Difference	%
_	Sales Revenue	1,827.7	1,752.8	3,580.5	3,840.3	(259.8)	(7%)
Con	Core Operating Income *1	130.8	64.0	194.8	314.1	(119.3)	(38%)
lin	Special Items	(0.2)	(50.3)	(50.5)	(19.3)	(31.2)	
ontinuina	Operating Income	130.6	13.7	144.3	294.8	(150.5)	(51%)
Operations	Financial Income/Expenses (Dividend included above) (Foreign Exchange Gain/Loss included above)	(8.2) [3.0] [0.4]	(14.1) [1.2] [(4.1)]	(22.3) [4.2] [(3.7)]	<b>(10.0)</b> [5.2] [0.4]	(12.3) [(1.0)] [(4.1)]	
ions	Income before Taxes	122.4	(0.4)	122.0	284.8	(162.8)	
*	Income Taxes	(37.6)	(14.7)	(52.3)	(70.5)	18.2	
Ű	Net Income from Continuing Operations	84.8	(15.1)	69.7	214.3	(144.6)	
	Net Income from Discontinued Operations *3	16.9	-	16.9	2.4	14.5	
Ne	et Income	101.7	(15.1)	86.6	216.7	(130.1)	
	Net Income Attributable to Owners of the Parent	81.3	(27.2)	54.1	169.5	(115.4)	(68%)
	Net Income Attributable to Non-Controlling Interests	20.4	12.1	32.5	47.2	(14.7)	
*1	Share of profit of associates and joint ventures included.	8.1	5.3	13.4	26.8	(13.4)	

\*2 Discontinued operations not included.

\*3 Figures for FY2019, include ¥15.8 billion from gain on share exchanges after tax.

Core operating income is calculated as operating income (loss) excluding certain gains and expenses attributable to non-recurring factors (losses incurred by business withdrawal and streamlining, etc.).

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## Sales Revenue and Core Operating Income by Business Segment

(Billions of Yen)						
		1Q	2Q	FY2019	FY2018	Difference
Total Consolidated	Sales Revenue	1,827.7	1,752.8	3,580.5	3,840.3	(259.8)
Total Consolidated	Core Operating Income	130.8	64.0	194.8	314.1	(119.3)
	Sales Revenue	344.3	330.7	675.0	726.1	(51.1)
Functional Products	Core Operating Income	25.3	11.6	36.9	38.2	(1.3)
Barfarman as Chamiagla	Sales Revenue	204.6	202.0	406.6	429.4	(22.8)
Performance Chemicals	Core Operating Income	15.2	10.5	25.7	33.1	(7.4)
Performance Products	Sales Revenue	548.9	532.7	1,081.6	1,155.5	(73.9)
Performance Products	Core Operating Income	40.5	22.1	62.6	71.3	(8.7)
	Sales Revenue	156.6	119.8	276.4	388.8	(112.4)
MMA	Core Operating Income	25.3	(1.0)	24.3	94.4	(70.1)
Detro ele enciende	Sales Revenue	271.8	262.6	534.4	606.8	(72.4)
Petrochemicals	Core Operating Income	1.8	(3.9)	(2.1)	8.7	(10.8)
Carbon Products	Sales Revenue	135.3	111.0	246.3	280.3	(34.0)
Carbon Products	Core Operating Income	8.9	(0.8)	8.1	24.9	(16.8)
Chemicals	Sales Revenue	563.7	493.4	1,057.1	1,275.9	(218.8)
Chemicais	Core Operating Income	36.0	(5.7)	30.3	128.0	(97.7)
Industrial Cases	Sales Revenue	419.5	423.8	843.3	732.8	110.5
Industrial Gases	Core Operating Income	44.3	43.7	88.0	63.3	24.7
Health Care	Sales Revenue	205.3	207.8	413.1	462.6	(49.5)
nealtíl Care	Core Operating Income	9.8	4.8	14.6	53.8	(39.2)
Others	Sales Revenue	90.3	95.1	185.4	213.5	(28.1)
Others	Core Operating Income	0.2	(0.9)	(0.7)	(2.3)	1.6
	[Inventory valuation gain	/loss]				

[Inventory valuation gain	/loss]				
Performance Chemicals	(1.1)	0.0	(1.1)	(0.2)	(0.9)
Petrochemicals	(3.4)	3.3	(0.1)	0.6	(0.7)
Carbon Products	(0.6)	(1.0)	(1.6)	(0.1)	(1.5)
Total	(5.1)	2.3	(2.8)	0.3	(3.1)

\*1 All figures are approximation for reference purpose only.

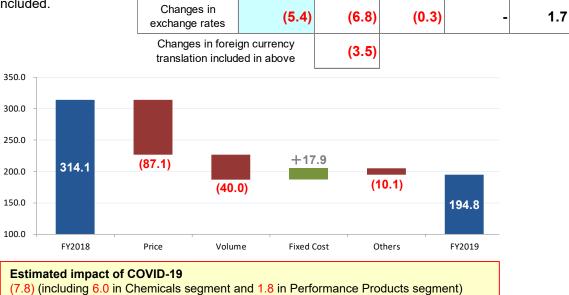
- \*2 Discontinued operations in the Health Care segment not included.
- \*3 Starting from FY2019, the segmentation of certain businesses and consolidated subsidiaries in MCC has been reviewed and revised the method of allocating certain common expenses. The segment information for FY2018 is accordingly restated.

### **Analysis of Core Operating Income**

						(Bi	llions of Yen)
	FY2019	FY2018	Difference	Price	Volume	Fixed Cost	Others *1
Total Consolidated	194.8	314.1	(119.3)	(87.1)	(40.0)	17.9	(10.1)
Performance Products	62.6	71.3	(8.7)	(2.6)	(12.5)	6.3	0.1
Chemicals	30.3	128.0	(97.7)	(80.8)	(4.7)	2.6	(14.8)
Industrial Gases	88.0	63.3	24.7	0.0	19.8	1.2	3.7
Health Care *2	14.6	53.8	(39.2)	(4.3)	(44.8)	7.8	2.1
Others	(0.7)	(2.3)	1.6	0.6	2.2	0.0	(1.2)

\*1 Items included are impacts from inventory valuation gain/loss and share of profit of associates and joint ventures etc.

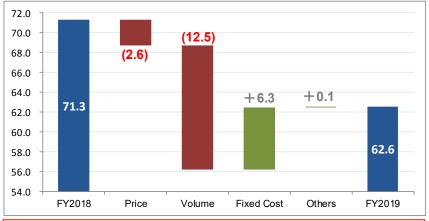
\*2 Discontinued operations not included.



## **Performance Products Segment**

					(Billions of Yen)
			FY2019	FY2018	Difference
	Functional Products	Sales Revenue	675.0	726.1	(51.1)
		Core Operating Income	36.9	38.2	(1.3)
	Performance Chemicals	Sales Revenue	406.6	429.4	(22.8)
		Core Operating Income	25.7	33.1	(7.4)
1	Performance Products	Sales Revenue	1,081.6	1,155.5	(73.9)
ł		Core Operating Income	62.6	71.3	(8.7)

<Analysis of Core Operating Income>



#### Estimated impact of COVID-19

(1.8) (including 0.7 in Functional Products segment and 1.1 in Performance Chemicals segment)

 MCC and Ube Industries, Ltd., concluded an agreement in March 2020 to form joint venture MC Ionic Solutions Corporation to succeed their electrolyte manufacturing businesses in Japan and China in October 2020. One goal is to reinforce the operational underpinnings of these businesses by streamlining their purchasing, production, and sales systems. Another is to bolster the competitiveness of these businesses by combining their intellectual assets and technical development capabilities.

Functional Products				
Sales Revenue	Although sales volumes increased in environment and living solutions, sales volumes were down in high-performance engineering plastics and other products owing to weaker demand, primarily for semiconductor and automotive applications.			
Core Operating Income	Sales volumes rose in environment and living solutions, but profit was down because of reduced high-performance engineering plastics and other products.			
	Performance Chemicals			
Sales Revenue	Revenue decreased amid a decline in the market for phenol- polycarbonate chain materials, while the impact of scheduled maintenance and repairs at these production facilities being resolved.			
Core Operating Income	Profit fell owing mainly to a drop in market prices for phenol- polycarbonate chain materials.			

#### <Major initiatives>

- In April 2019, MCC decided to increase the annual production capacity of Soarnol ethylene vinyl alcohol copolymer resin of consolidated subsidiary Noltex LLC by 3,000 metric tons, to 41,000 metric tons. This rise, effective in mid-2020, was in response to rising global demand for food packaging materials.
- In June 2019, MCC agreed to transfer the storage media and other global businesses of the Verbatim brand of Mitsubishi Chemical Media Co., Ltd., and assets related to that consolidated subsidiary to CMC Magnetics Corporation. This accord was part of business portfolio reforms under the MCHC Group's mediumterm management plan. The transaction was completed in December that year.
- MCC consolidated subsidiary MC PET Film Indonesia decided in September 2019 to lift its polyester film production capacity. The move will enable the company to cater to optical applications for displays and to growing demand for multilayer ceramic capacitors and other industrial offerings in response to the expanding use of automotive electronics and a rising number of 5G-compatible base stations. Once the upgrade is completed at the end of 2021, annual production capacity in Indonesia will increase from 20,000 metric tons, to 45,000 metric tons.

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## **Chemicals Segment**

				(Billions of Yen)			
		FY2019	FY2018	Difference		ММА	
мма	Sales Revenue	276.4	388.8	(112.4)	Sales Revenue	Revenue declined amid weaker demand and a downturn in MMA monomer and other markets.	
	Core Operating Income	24.3	94.4	(70.1)		Profit decreased primarily as a result of a smaller variance in	
Petrochemicals	Sales Revenue	534.4	606.8	(72.4)	Core Operating Income	prices between raw materials and products amid a market	
	Core Operating Income	(2.1)	8.7	(10.8)		downturn.	
Carbon Products	Sales Revenue	246.3	280.3	(34.0)		Petrochemicals	
	Core Operating Income	8.1	24.9	(16.8)		While sales volumes were up because of a smaller impact from	
Chemicals	Sales Revenue	1,057.1	1,275.9	(218.8)	Sales Revenue	scheduled maintenance and repairs at the ethylene production	
<pre><analysis of<="" pre=""></analysis></pre>	Core Operating Income	30.3	128.0	(97.7)		facility, prices declined owing to lower raw materials costs and other factors.	
140.0 120.0 100.0	120.0 -				Core Operating Income	Profit was down owing mainly to a smaller variance in prices between raw materials and products amid a market downturn and a deterioration of inventory valuation, notwithstanding the lower impact of scheduled maintenance and repairs at the ethylene production facility.	
80.0 60.0 - 128.0					Carbon Products		
40.0	(80.8) (4	+2.6			Sales Revenue	Revenue was down as a result of lower prices accompanying raw material cost declines and reduced needle coke sales volumes.	
20.0 (14.8) 30.3 0.0 FY2018 Price Volume Fixed Cost Others FY2019				Core Operating Income	Profit decreased owing to a smaller variance between raw materials and products amid a downturn in the exported coke market and a reduction in needle coke sales volumes.		
<ul> <li>Estimated impact of COVID-19         <ul> <li>(6.0) (including 2.9 in MMA, 2.2 in Petrochemicals, and 0.9 in Carbon Products)</li> </ul> </li> <li><major initiative=""> <ul> <li>In keeping with a July 2019 decision, MCC consolidated subsidiary Japan Polypropylene Corporation halted production at one polypropylene line at its</li> </ul> </major></li> </ul>					November 2019 t petrochemicals of will endeavor to s petrochemicals an	Nippon Oil & Energy Corporation established a joint venture in o strengthen their collaboration in petroleum refining and perations at the Kashima complex in Ibaraki Prefecture, Japan. It trengthen competitiveness by optimizing manufacturing in nd other products. They will also explore chemical recycling euse waste plastics as raw materials for petroleum refining and	

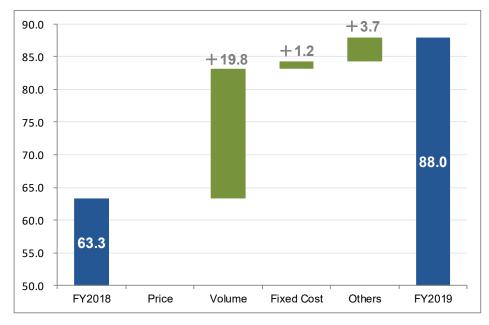
petrochemicals.

Kashima Plant in April 2020. It made this move to reinforce its production infrastructure and rationalize amid the construction of a new polypropylene line at the Goi Plant as part of structural reforms to bolster profitability.

## **Industrial Gases Segment**

				(Billions of Yen)
		FY2019	FY2018	Difference
	Sales Revenue	843.3	732.8	110.5
Industrial Gases	Core Operating Income	88.0	63.3	24.7

#### <Analysis of Core Operating Income>



Industrial Gases				
Sales Revenue	Revenue rose as a result of the impact of European and U.S. businesses acquired in the second half of the previous fiscal year.			
Core Operating Income	Profit increased owing to the impact of acquired European and U.S. businesses and from the solid performance of the U.S. gas business.			

#### <Major initiatives>

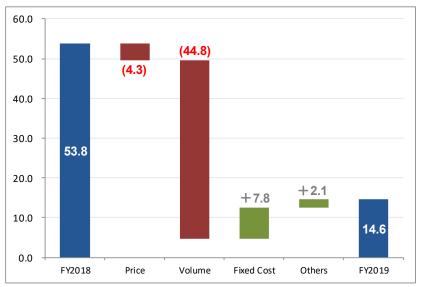
• In January 2020, TNSC resolved to transition through an absorptiontype split to a holding company structure and to change its tradename to "Nippon Sanso Holdings Corporation" as of October 1, 2020. The goal is to build a competitive Group operating framework as a leading player in the global industrial gas sector. This decision is subject to approval by TNSC shareholders at an ordinary general meeting of shareholders scheduled for June 2020 and by the relevant regulators.

## **Health Care Segment**

			(Billions of Yen)
	FY2019	FY2018	Difference
Health Care	nue 413.1	462.6	(49.5)
	<sup>me</sup> 14.6	53.8	(39.2)

\*Discontinued operations not included.

#### <Analysis of Core Operating Income>



 In March 2020, MCHC decided to transfer Qualicaps Co., Ltd., a consolidated subsidiary of LSII, to the High Performance Chemicals Business domain of MCC in July 2020. Qualicaps develops, manufactures, and sells pharmaceutical and health capsules and pharmaceutical processing equipment. This move would help Qualicaps strengthen its production technologies, accelerate materials development, and bolster its sales capabilities.

	Health Care						
Sales Revenue	Revenue was down because some royalty revenue was not recognized owing to arbitration proceedings relating to <i>Gilenya</i> , despite growth in priority products in domestic ethical pharmaceuticals.						
Core Operating Income	Profit was down mainly because some <i>Gilenya</i> royalty revenue was not recognized.						

#### Note:

Royalty revenue from Novartis Pharma AG for *Gilenya*, a treatment agent for multiple sclerosis, was reduced, because a part of the royalty revenue was not recognized as sales revenue in accordance with IFRS 15 due to the start of arbitration proceedings.

#### <Major initiatives>

- In August 2019, LSII completed an exchange of shares with PHC Holdings Corporation (PHCHD) after obtaining competition low-related regulatory approval as part of a strategic capital partnership announced in May 2019. PHCHD thereby acquired all shares of LSI Medience Corporation. Life Science Institute obtained a 13.7% stake in PHCHD.
- LSI started clinical trials in July 2019 with the Muse cell-based product CL2020 in patients with spinal cord injuries. Trials previously began for patients with acute myocardial infarction, ischemic stroke, and epidermolysis bullosa. Also in July 2019, cell processing center Tonomachi CPC was authorized to manufacture regenerative medicine products. LSII plans to apply for marketing approval in fiscal 2020.
- MTPC received approval in July 2019 from China's National Medical Products Administration for Edaravone (the U.S. brand name is *Radicava*) for a treatment for amyotrophic lateral sclerosis. The company previously obtained approval in Japan, Korea, the United States, Canada, and Switzerland.
- MCHC commenced a tender offer in November 2019 for MTPC to expand the latter's drug discovery modality and otherwise tackle a changing medical treatment climate, generating more synergies within the Group. That company became a wholly owned subsidiary in March 2020.

## **Consolidated Special Items**

				(Billions of Yen)
	4Q	FY2019	FY2018	Difference
Total Special Items	(30.1)	(50.5)	(19.3)	(31.2)
Impairment loss	(24.5)	(43.9)	(11.8)	(32.1)
Loss on sale and disposal of fixed assets	(6.5)	(9.9)	(8.5)	(1.4)
Special retirement expenses	(0.9)	(2.0)	(0.9)	(1.1)
Loss on sale of intercompany securities	(0.0)	(1.5)	(0.0)	(1.5)
Gain on sale of property, plant and equipment	3.5	7.9	2.5	5.4
Reversal of Impairment Loss	-	1.7	-	1.7
Gain on sale of intercompany securities	-	0.5	7.5	(7.0)
Others	(1.7)	(3.3)	(8.1)	4.8

#### [Special Items by Business Segment]

Performance Products	(0.2)	(1.9)	(13.4)	11.5
Chemicals	(1.1)	(2.4)	4.8	(7.2)
Industrial Gases	0.0	2.1	0.2	1.9
Health Care	(25.2)	(41.5)	(5.5)	(36.0)
Others	(3.6)	(6.8)	(5.4)	(1.4)

## **Consolidated Cash Flows**

	Based on s of cash		Adjusted ca	sh flows *1	
	FY2019	FY2018	FY2019	(Billions of Yen) FY2018	<reference> Target for FY2019 Forecast (announced on May.14)</reference>
Net cash provided by (used in) operating activities	452.0	415.6	452.0	415.6	464.0
Income before taxes	147.6	288.1	147.6	288.1	278.0
Depreciation and amortization	239.8	199.3	239.8	199.3	239.0
Change in operating receivables/payables	42.7	5.1	42.7	5.1	5.0
Change in Inventories	7.1	(13.2)	7.1	(13.2)	5.0
Others	14.8	(63.7)	14.8	(63.7)	(58.0)
Net cash provided by (used in) investment activities	(87.6)	(895.1)	(205.7)	(897.5)	(274.0)
Capital expenditure	(236.1)	(230.6)	(236.1)	(230.6)	(298.0)
Sale of assets	30.3	41.8	30.3	41.8	
Investment and loans receivable, etc.	118.2	(706.3)	0.1	(708.7)	<b></b> 24.0
Free cash flow	364.4	(479.5)	246.3	(481.9)	190.0
Net cash provided by (used in) financing activities	(450.5)	519.1			
Interest bearing debts	37.3	629.6		lows based on actual sh flows from investm	
Additional acquisition of consolidated subsidiaries' stocks	*2 (399.8)	(1.4)	for explanatory		
Dividends, etc.	(88.0)	(109.1)			
Net increase (decrease) in cash and cash equivalents	(86.1)	39.6	*2 ¥398.1 billion i	n additional acquisitio	ns of MTPC shares
Effect of exchange rate changes and changes in scope of consolidation	(7.2)	4.3			
Cash and cash equivalents at the beginning of the period	321.5	277.6			
Cash and cash equivalents at the end of the period	228.2	321.5			

## **Consolidated Statements of Financial Positions**

			(Billions of Yen)
	Mar. 31, 2020	Mar. 31, 2019	Difference
Cash and cash equivalents	228.2	321.5	(93.3)
Trade receivables	698.5	855.1	(156.6)
Inventories	606.5	623.0	(16.5)
Other current assets	216.1	342.2	(126.1)
Total current assets	1,749.3	2,141.8	(392.5)
Tangible and Intangible fixed assets	2,252.8	2,252.1	0.7
Goodwill	616.8	648.8	(32.0)
Investment and other non-current assets	513.2	529.8	(16.6)
Total non-current assets	3,382.8	3,430.7	(47.9)
Total assets	5,132.1	5,572.5	(440.4)

			(Billions of Yen)
	Mar. 31, 2020	Mar. 31, 2019	Difference
Interest-bearing debt	2,388.1	2,246.8	141.3
Trade payables	398.1	492.4	(94.3)
Other liabilities	895.1	807.4	87.7
Total liabilities	3,681.3	3,546.6	134.7
Shareholders' equity	1,234.5	1,381.8	(147.3)
Other components of equity	(64.3)	(3.8)	(60.5)
Total equity attributable to owners of the parent	1,170.2	1,378.0	(207.8)
Non-controlling interests	280.6	647.9	(367.3)
Total equity	1,450.8	2,025.9	(575.1)
Total liabilities and equity	5,132.1	5,572.5	(440.4)
Net interest-bearing debt *1	2,089.9	1,736.2	353.7
Net D/E ratio	1.79	1.26	0.53
Ratio of equity attributable to owners of the parent	22.8%	24.7%	(1.9%)
ROE *2	4.2%	12.7%	(8.5%)

\*1 Net interest-bearing debt (End of Mar. 31, 2020)

= interest-bearing debt (2,388.1 billion yen)

- {cash and cash equivalents (228.2 billion yen) + investments of surplus funds (70.0 billion yen)} Note: Interest-bearing debt includes lease obligations.

\*2 Ratio of net income attributable to owners of the parent.

## **Consolidated Financial Results Forecasts for FY2020**

## **Consolidated Statements of Operations**

#### Assumption in calculating fiscal 2021 forecasts

Estimate a full-year impact of COVID-19 (including lower material and fuel costs) on core operating income of around ¥80 billion, principally in the first half

						(Billions of Yen)	
		1H	2Н	FY2020 Forecast	FY2019 Actual	Difference	%
C	Sales Revenue	1,509.0	1,825.0	3,334.0	3,580.5	(246.5)	(7%)
Continuing	Core Operating Income	25.0	115.0	140.0	194.8	(54.8)	(28%)
	Special Items	3.5	(6.5)	(3.0)	(50.5)	47.5	
	Operating Income	28.5	108.5	137.0	144.3	(7.3)	(5%)
Dpe	Financial Income/Expenses	(10.5)	(12.5)	(23.0)	(22.3)	(0.7)	
Operations	Income before Taxes	18.0	96.0	114.0	122.0	(8.0)	
ons	Income Taxes	(7.0)	(30.0)	(37.0)	(52.3)	15.3	
*	Net Income from Continuing Operations	11.0	66.0	77.0	69.7	7.3	
	Net Income from Discontinued Operations	0.0	0.0	0.0	16.9	(16.9)	
Ne	t Income	11.0	66.0	77.0	86.6	(9.6)	
	Net Income Attributable to Owners of the Parent	0.0	49.0	49.0	54.1	(5.1)	(9%)
	Net Income Attributable to Non-Controlling Interests	11.0	17.0	28.0	32.5	(4.5)	

\* Discontinued operations are not included.

# Mitsubishi Chemical Holdings Corporation KAITEKI Value for Tomorrow Consolidated Sales Revenue and Core Operating Income by Business Segment

\*1 All figures are approximation for reference purpose only.

						(Billions of Yen)		act of COVID-19	
							(Core opera	ting income)	FY2019 Actual
		1H	2H	FY2020	FY2019 Actual *2	Difference	FY2020	FY2019	(Before
			2Π	Forecast	Actual -		Forecast	Actual	Reclassification)
Total Consolidated	Sales Revenue	1,509.0	1,825.0	3,334.0	3,580.5	(246.5)	Down 69.9 in 1H and down (down 4.0 for Carbon Produ	8.6 in 2H ucts and down 4.6 for Health Care	3,580.5
Total Consolidated	Core Operating Income	25.0	115.0	140.0	194.8	(54.8)	(78.5)	(7.8)	194.8
Functional Products	Sales Revenue	290.0	358.0	648.0	680.4	(32.4)	Lower sales of automotive, information (FPD) application	construction, and electronics and	675.0
	Core Operating Income	8.0	29.0	37.0	39.5	(2.5)	(16.8)	(0.7)	36.9
Performance Chemicals	Sales Revenue	187.0	225.0	412.0	437.7	(25.7)	Decreased sales of automotive inventory valuation different	tive applications and polycarbonat	406.6
Ferrormance Chemicais	Core Operating Income	(1.0)	15.0	14.0	21.7	(7.7)	(12.8)	(1.1)	25.7
Performance Products	Sales Revenue	477.0	583.0	1,060.0	1,118.1	(58.1)			1,081.6
Periormance Products	Core Operating Income	7.0	44.0	51.0	61.2	(10.2)	(29.6)	(1.8)	62.6
MMA	Sales Revenue	111.0	136.0	247.0	262.5	(15.5)	Reduced sales, principally i	n Asia	276.4
IVIIVIA	Core Operating Income	6.0	20.0	26.0	23.8	2.2	(9.9)	(2.9)	24.3
Petrochemicals	Sales Revenue	161.0	288.0	449.0	534.4	(85.4)	Raw materials price drop-a differences and lower sales	ssociated inventory valuation	534.4
Petrochemicais	Core Operating Income	(19.0)	6.0	(13.0)	(2.1)	(10.9)	(15.9)	(2.2)	(2.1)
Carbon products	Sales Revenue	95.0	97.0	192.0	246.6	(54.6)	Lower coke and carbon pro	duct sales	246.3
Carbon products	Core Operating Income	1.0	2.0	3.0	8.1	(5.1)	(7.9)	(0.9)	8.1
Chemicals	Sales Revenue	367.0	521.0	888.0	1,043.5	(155.5)			1,057.1
Chennicals	Core Operating Income	(12.0)	28.0	16.0	29.8	(13.8)	(33.7)	(6.0)	30.3
Industrial Gases	Sales Revenue	396.0	426.0	822.0	843.3	(21.3)	Lower sales of industrial ga	ses	843.3
industrial Gases	Core Operating Income	34.0	46.0	80.0	88.0	(8.0)	(10.6)		88.0
Health Care	Sales Revenue	186.0	201.0	387.0	393.1	(6.1)	Reduced activities and low	er patient numbers	413.1
	Core Operating Income	1.0	(2.0)	(1.0)	16.5	(17.5)	(4.6)		14.6
Others	Sales Revenue	83.0	94.0	177.0	182.5	(5.5)			185.4
Unicis	Core Operating Income	(5.0)	(1.0)	(6.0)	(0.7)	(5.3)	0.0		(0.7)

\*2 From FY2020, Qualicaps, Inc. has been reclassified from the Health Care segment to the Performance Product segment (Performance Chemicals). In addition, the segmentation of certain businesses and consolidated subsidiaries in MCC has been reviewed and revised the method of allocating certain common expenses. The segment information for FY2019 is accordingly restated.

## **Dividend Forecast**

MCHC's basic policy of returning profits to shareholders emphasizes enhancement of shareholder value by increasing the value of the company. Therefore, using 30% of the medium-term level as a guideline for the consolidated dividend payout ratio, MCHC will make stable dividend payments, while maintaining sufficient internal reserves as resources to develop future businesses.

As announced on April 28, 2020, the Board of Directors plans to determine year-end cash dividends per share for fiscal 2019 on May 26. The forecast for interim and year-end cash dividends per share for fiscal 2020 is ¥12, respectively. This amount is because the business climate will likely remain adverse for the foreseeable future in view uncertainty about when the COVID-19 pandemic will abate. The projected annual cash dividends per share would be ¥24.

		FY2020 Forecast	FY2019 Forecast	FY2018 Actual	FY2017 Actual	FY2016 Actual
	Interim	12	20	20	15	8
Cash dividends per share (Yen)	Year-end	12	12	20	17	12
	Annual total	24	32	40	32	20
Net income per share (Yen)	Year-end	¥34.51	¥38.08	¥119.22	¥147.14	¥106.73
Consolidated dividend pay out ratio	Annual total	69.6%	84.0%	33.6%	21.7%	18.7%

## **References 1**

## Mitsubishi Chemical Holdings Corporation KAITEKI Value for Tomorrow Number of Subsidiaries and Affiliates, Overseas Sales Revenue, and Core Operating Income

				(Numbe	er of companies
mber of subsidiaries and affiliates	FY2019	FY2018	FY2017	FY2016	FY2015
Subsidiaries and affiliated companies	698	754	708	731	753
Companies in consolidation scope	659	705	653	592	600
Consolidated subsidiaries	510	550	515	510	522
Japan	174	193	203	193	200
Overseas	336	357	312	317	322
Joint operation	4	4	4	4	2
Affiliates accounted for by the equity method	145	151	134	78	76

#### Sales revenue and core operating income by geographic area

#### based on location of consolidated subsidiaries

Japan	2,367.8	2,595.6	2,589.6	2,408.6	2,499.0
Overseas	1,212.7	1,244.7	1,134.8	967.5	1,044.4
Sales Revenue	3,580.5	3,840.3	3,724.4	3,376.1	3,543.4
Japan	99.5	162.3	223.2	211.5	232.4
Overseas	95.3	151.8	157.3	96.0	68.0
Core Operating Income	194.8	314.1	380.5	307.5	300.4

#### Overseas sales revenue based on location of customers

Overseas Sales Revenue	1,534.4	1,664.6	1,547.0	1,333.6	1,430.0
Overseas Sales Revenue	42.9%	43.3%	41.6%	39.5%	40.4%

## **Statement of Operations [Quarterly Data]**

	Exchange Rate (¥/\$)	109.5	111.9	112.6	110.3	109.7	107.7	109.3	109.1
	Naphtha Price (¥/kl)	48,700	53,500	54,200	41,200	45,400	40,200	41,300	44,800 Billions of Yen
			FY20	)18			FY20		Billions of Fell
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
_	Sales Revenue	921.8	960.1	988.5	969.9	916.4	911.3	903.1	849.7
Continuina	Core Operating Income *1	92.3	94.9	77.6	49.3	70.1	60.7	50.2	13.8
	Special Items	0.8	(2.4)	4.9	(22.6)	(0.2)	0.0	(20.2)	(30.1)
ling	Operating Income	93.1	92.5	82.5	26.7	69.9	60.7	30.0	(16.3)
Operations	Financial Income/Expenses (Dividend included above) (Foreign Exchange Gain/Loss included above)	0.9 [3.4] [0.8]	<mark>(3.5)</mark> [0.3] [0.0]	<mark>(2.3)</mark> [1.3] [0.1]	(5.1) [0.2] [(0.5)]	(3.3) [2.9] [(0.3)]	<mark>(4.9)</mark> [0.1] [0.7]	(7.7) [1.1] [(2.8)]	(6.4) [0.1] [(1.3)]
	Income before Taxes	94.0	89.0	80.2	21.6	66.6	55.8	22.3	(22.7)
*	Income Taxes	(22.2)	(14.7)	(21.6)	(12.0)	(18.2)	(19.4)	(15.7)	1.0
Ŭ	Net Income from Continuing Operations	71.8	74.3	58.6	9.6	48.4	36.4	6.6	(21.7)
	Net Income from Discontinued Operations	0.4	0.4	0.9	0.7	0.5	16.4	-	-
Ne	et Income	72.2	74.7	59.5	10.3	48.9	52.8	6.6	(21.7)
	Net Income Attributable to Owners of the Parent	58.1	62.1	45.8	3.5	37.8	43.5	(5.0)	(22.2)
	Net Income Attributable to Non-Controlling Interests	14.1	12.6	13.7	6.8	11.1	9.3	11.6	0.5
		8.6	7.6	5.4	5.2	5.0	3.1	2.6	2.7

\*1 Share of profit of associates and joint ventures included.

\*2 Discontinued operations not included.

#### Mitsubishi Chemical Holdings Corporation

#### **KAITEKI** Value for Tomorrow

## Sales Revenue and Core Operating Income by Business Segment [Quarterly Data]

								(Bi	llions of Yen
			FY2	018			FY2	019	
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Total Concelidated	Sales Revenue	921.8	960.1	988.5	969.9	916.4	911.3	903.1	849.7
Total Consolidated	Core Operating Income	92.3	94.9	77.6	49.3	70.1	60.7	50.2	13.8
Functional Draduate	Sales Revenue	179.1	180.5	184.5	182.0	170.2	174.1	171.0	159.7
Functional Products	Core Operating Income	13.9	9.8	11.6	2.9	12.0	13.3	8.3	3.3
Deufermenne Oberniede	Sales Revenue	107.0	109.0	109.7	103.7	102.4	102.2	101.2	100.8
Performance Chemicals	Core Operating Income	10.6	11.4	6.0	5.1	7.5	7.7	5.6	4.9
Denfermente Director	Sales Revenue	286.1	289.5	294.2	285.7	272.6	276.3	272.2	260.5
Performance Products	Core Operating Income	24.5	21.2	17.6	8.0	19.5	21.0	13.9	8.2
NANA 0	Sales Revenue	108.3	110.6	88.9	81.0	81.0	75.6	62.9	56.9
MMA	Core Operating Income	31.0	32.5	16.3	14.6	13.8	11.5	0.7	(1.7
Detrechemicale	Sales Revenue	134.3	158.5	167.0	147.0	134.7	137.1	137.3	125.3
Petrochemicals	Core Operating Income	(0.5)	7.7	2.9	(1.4)	0.8	1.0	1.0	(4.9
Control Dradueta	Sales Revenue	72.5	64.7	70.6	72.5	71.6	63.7	62.1	48.9
Carbon Products	Core Operating Income	5.7	5.6	6.6	7.0	6.0	2.9	1.0	(1.8
Chamicala	Sales Revenue	315.1	333.8	326.5	300.5	287.3	276.4	262.3	231.1
Chemicals	Core Operating Income	36.2	45.8	25.8	20.2	20.6	15.4	2.7	(8.4
Inductrial Cases	Sales Revenue	156.8	168.9	186.7	220.4	208.6	210.9	208.8	215.0
Industrial Gases	Core Operating Income	13.3	13.6	15.2	21.2	21.1	23.2	22.2	21.5
Health Care	Sales Revenue	115.4	113.9	131.1	102.2	107.9	97.4	116.6	91.2
Health Care	Core Operating Income	19.6	14.7	20.1	(0.6)	9.3	0.5	11.0	(6.2
Others	Sales Revenue	48.4	54.0	50.0	61.1	40.0	50.3	43.2	51.9
Others	Core Operating Income	(1.3)	(0.4)	(1.1)	0.5	(0.4)	0.6	0.4	(1.3

\*1 All figures are approximation for reference purpose only.

\*2 Discontinued operations in the Health Care segment not included.

\*3 Starting from FY2019, the segmentation of certain businesses and consolidated subsidiaries in MCC has been reviewed and revised the method of allocating certain common expenses. The segment information for FY2018 is accordingly restated.

## **Special Items [Quarterly Data]**

							(Billio	ons of Yen)
		FY2	018			FY2	019	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Total Special Items	0.8	(2.4)	4.9	(22.6)	(0.2)	0.0	(20.2)	(30.1)
Impairment loss	(0.8)	(0.1)	(1.6)	(9.3)	(0.7)	(0.7)	(18.0)	(24.5)
Loss on sale and disposal of fixed assets	(0.8)	(1.8)	(0.4)	(5.5)	(0.6)	(0.5)	(2.3)	(6.5)
Special retirement expenses	(0.2)	(0.0)	(0.0)	(0.7)	(0.0)	(1.0)	(0.1)	(0.9)
Loss on sale of intercompany securities	-	(0.0)	-	-	-	(0.1)	(1.4)	(0.0)
Gain on sale of property, plant and equipment	2.2	0.2	0.0	0.1	0.9	1.0	2.5	3.5
Reversal of Impairment Loss	-	-	-	-	-	1.7	-	-
Gain on sale of intercompany securities	-	-	7.3	0.2	0.4	0.1	-	-
Others	0.4	(0.7)	(0.4)	(7.4)	(0.2)	(0.5)	(0.9)	(1.7)

#### [Special Items by Business Segment]

Performance Products	(0.7)	(0.4)	(2.0)	(10.3)	0.2	(0.4)	(1.5)	(0.2)
Chemicals	(0.1)	(0.6)	6.3	(0.8)	0.0	(1.1)	(0.2)	(1.1)
Industrial Gases	0.3	(0.0)	-	(0.1)	(0.6)	1.0	1.7	0.0
Health Care	-	-	1.0	(6.5)	(0.0)	0.8	(17.1)	(25.2)
Others	1.3	(1.4)	(0.4)	(4.9)	0.2	(0.3)	(3.1)	(3.6)

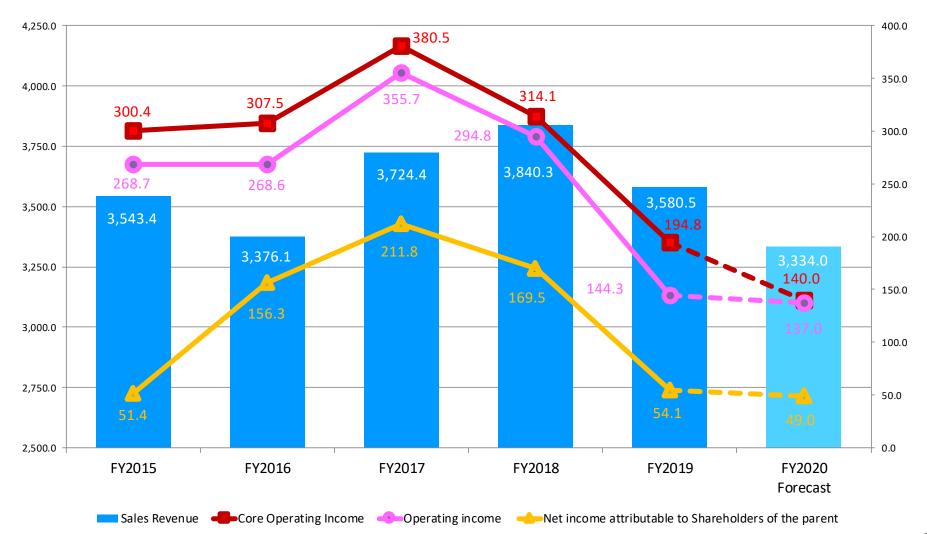
## Capital Expenditure, Depreciation & Amortization, R&D Expenses, and Number of Employees by Business segment

						(Billions of Yen)	
	Capital Expenditure		•	iation & ization	R&D Ex	penses	Number of Employees
	FY2019 Actual	FY2018 Actual	FY2019 Actual *	FY2018 Actual	FY2019 Actual	FY2018 Actual	FY2019 Actual
Performance Products	76.3	64.8	56.7	54.9	25.0	29.6	23,713
Chemicals	57.6	71.0	64.8	60.4	10.0	10.1	8,245
Industrial Gases	74.8	72.0	86.2	58.5	3.4	3.5	19,719
Health Care	24.2	18.0	20.5	16.3	83.0	89.6	8,800
Others	7.5	5.9	10.4	6.0	12.0	10.0	9,132
Total	240.4	231.7	238.6	196.1	133.4	142.8	69,609

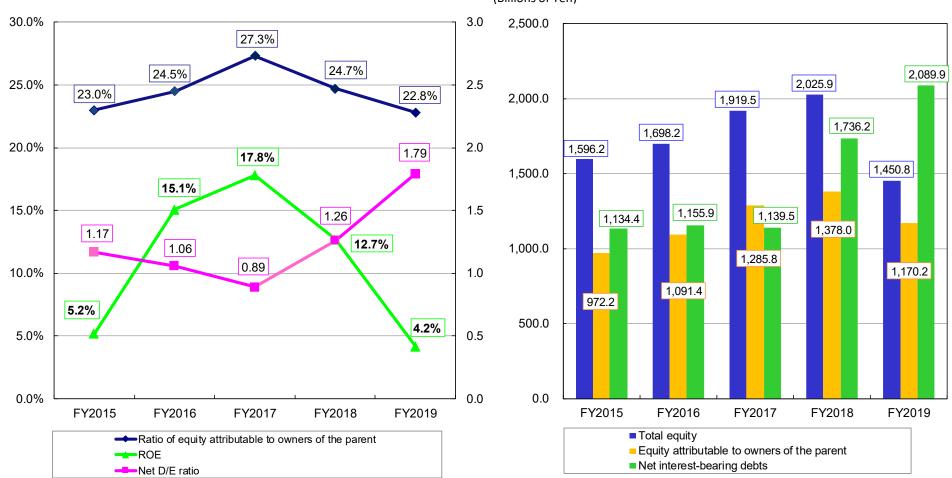
\*Fiscal 2019 depreciation and amortization included the impact of adopting IFRS 16 (Leases).

## **Trend of Performance**

(Billions of Yen)



## **Trend of Financial Position**



(Billions of Yen)

## **Business Segment Information**

Business	Business	Business Sub-Segment						
Domain	Segment			Businesses				
			Information, Electronics and Displays	Optical films, Electronics and displays, Acetyl				
		Functional	High Performance Films	Packaging films, Industrial films				
		Products	Environment and Living Solutions	Aqua and separator solutions, Infrastructure solutions and agricultural materials				
Performance Products	Performance Products		Advanced Moldings and Composites	High performance engineering plastics, Fibers and textile, Carbon fiber and composite materials, Functional moldings and composites, Almina fiber and light metal products				
		Performance Chemicals	Advanced Polymers	Performance polymers, Engineering polymers, Sustainable resources				
			High Performance Chemicals	Performance chemicals, Performance materials, Food ingredients				
			New Energy	Lithium ion battery materials, Energy transduction materials				
		MMA	MMA	MMA				
Industrial	Chemicals	Petrochemicals	Petrochemicals	Basic petrochemicals, Polyolefins, Basic chemical derivatives				
Materials		Carbon Products	Carbon	Carbon Products				
	Industrial Gases			Industrial gases				
Health Care	Health Care			Pharmaceuticals				
	nealth Care			Life science				

## **References 2**



#### **FY2019 Business Results**

## **FY2019 Financial Results**



Mitsubishi Tanabe Pharma

			Comparison to pr	evious fiscal year	Comparison to	o forecasts
	FY2019	FY2018	Increase (decrease)	Change	Forecasts <sup>*</sup>	Achieved
_	Billion yen	Billion yen	-		Billion yen	%
Revenue	379.8	424.7	(44.9)	(10.6)	376.0	101.0
(Domestic)	313.9	307.7	6.2	2.0	308.3	101.8
(Overseas)	65.8	117.0	(51.2)	(43.7)	67.6	97.3
Overseas sales ratio	17.3%	27.6%			18.0%	
Cost of sales	181.0	180.6	0.3	0.2	178.5	101.4
Sales cost ratio	47.7%	42.5%			47.5%	
Gross profit	198.8	244.1	(45.3)	(18.6)	197.5	100.7
SG&A expense	97.5	98.2	(0.6)	(0.7)	99.0	98.6
R&D expense	79.4	86.5	(7.0)	(8.2)	85.5	92.9
Amortization of intangible assets associated with products	2.4	2.9	(0.4)	(15.1)	2.5	99.6
Other income and expense*	(0.2)	(0.5)	0.3	-	(0.5)	-
Core operating profit	19.0	55.8	(36.7)	(65.9)	10.0	190.6
Non-recurring items*	(25.1)	(5.5)	(19.6)	-	1.5	-
Operating profit*	(6.0)	50.3	(56.3)	(112.1)	11.5	(52.8)
Financial income and loss*	(0.4)	0.1	(0.5)	-		
Net profit attributable to owners of the Company	0.1	37.3	(37.2)	(99.6)	5.0	2.9
Average exchange rate US\$	¥108.95	¥111.07		l	¥110.00	
*Brackets indicate expense and loss	: Anno 💥	unced on May	/ 10, 2019 in the	financial results	of FY2018	

#### **FY2019 Business Results**

## **Details of Revenue**



Mitsubishi Tanabe Pharma

			Comparison to pr	evious fiscal year	Comparison to forecasts		
	FY2019	FY2018	Increase (decrease)	Change	Forecasts <sup>*</sup>	Achieved	
	Billion yen	Billion yen	Billion yen	%	Billion yen	%	
Sales revenue	379.8	424.7	(44.9)	(10.6)	376.0	101.0	
Domestic ethical drugs	304.3	298.7	5.5	1.9	298.1	102.1	
Overseas ethical drugs	49.7	55.1	(5.3)	(9.8)	49.6	100.1	
[Radicava]	23.1	27.0	(3.9)	(14.5)	22.0	105.0	
Royalty revenue, etc.	17.4	63.1	(45.6)	(72.4)	19.2	90.5	
OTC products	3.8	3.7	0.1	2.9	4.3	89.8	
Others	4.4	3.9	0.4	11.1	4.6	95.6	

%: Announced on May 10, 2019 in the financial results of FY2018

#### FY2019 Business Results Domestic Ethical Drugs Revenue of Priority Products and Vaccines

**Open Up** the **Future** 

Mitsubishi Tanabe Pharma

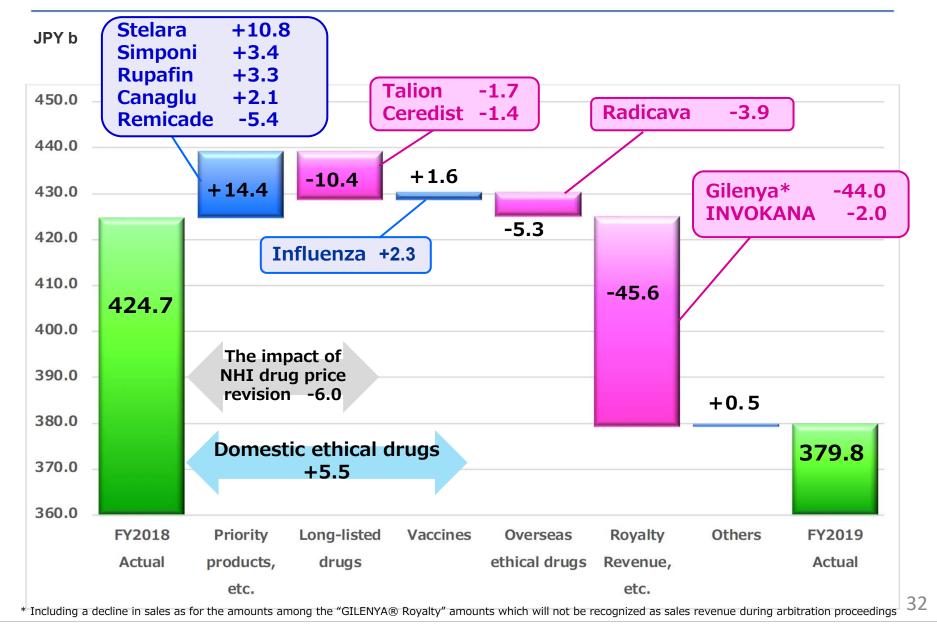
			Comparison to pr	evious fiscal year	Comparison	to forecasts	
	FY2019	FY2018	Increase (decrease)	Change	Forecasts <sup>**</sup>	Achieved	
	Billion yen	Billion yen	Billion yen	%	Billion yen	%	
Remicade	53.3	58.8	(5.4)	(9.3)	51.5	103.5	
Simponi	40.9	37.4	3.4	9.2	42.2	97.0	
Stelara	26.0	15.2	10.8	71.0	21.6	120.1	
Tenelia	15.2	15.2	0.0	0.1	15.0	101.0	
Canaglu	8.8	6.7	2.1	31.1	10.4	84.9	
Canalia	6.7	7.4	(0.6)	(9.2)	7.2	93.4	
Lexapro	14.9	14.0	0.9	6.7	14.7	101.1	
Rupafin	6.7	3.4	3.3	96.9	7.5	90.1	
Imusera	4.2	4.3	(0.0)	(2.3)	4.2	99.4	
Total of priority products	177.1	162.6	14.4	8.9	174.7	101.4	
Influenza vaccine	12.6	10.2	2.3	23.1	10.7	117.2	
Tetrabik	9.4	8.5	0.9	10.8	10.0	94.4	
Mearubik	5.9	6.8	(0.9)	(13.6)	4.8	123.2	
JEBIK V	5.1	5.5	(0.3)	(6.4)	4.5	112.4	
Varicella vaccine	4.9	5.1	(0.1)	(3.5)	5.1	94.9	
Total of vaccines	38.9	37.3	1.6	4.5	36.2	107.6	
Total of priority products							
and vaccines	216.0	200.0	16.0	8.0	210.9	102.4	

#### **FY2019 Business Results**

#### **Revenue Trends**



Mitsubishi Tanabe Pharma



#### FY2020 Business Forecasts

### **Forecasts of FY2020**



Mitsubishi Tanabe Pharma

	FY2020	FY2019	Increase /	Decrease	
	forecasts※	actual	·	Declease	
Revenue	Billion yen 383.5	Billion yen 379.8	Billion yen <b>3.6</b>	% 1.0	
(Domestic)	314.1	313.9	0.1	0.0	
(Overseas)	69.4	65.8	3.5	5.4	
Overseas sales ratio	18.1%	17.3%			
Cost of sales	187.5	181.0	6.4	3.6	
Sales cost ratio	48.9%	47.7%			
Gross profit	196.0	198.8	(2.8)	(1.4)	
SG&A expense	99.5	97.5	1.9	2.0	
R&D expense	83.5	79.4	4.0	5.1	
Amortization of intangible assets associated with products	3.0	2.4	0.5	20.4	
Other income and expense*	-	(0.2)	0.2	-	
Core operating profit	10.0	19.0	(9.0)	(47.5)	
Non-recurring items*	7.0	(25.1)	32.1	-	
Operating profit*	17.0	(6.0)	23.0	-	
Financial income and loss*	0.5	(0.4)	0.9	-	
Net profit attributable to owners of the Company	8.5	0.1	8.3	-	
Average exchange rate US\$	¥108.00	¥108.95	I		

\*Brackets indicate expense and loss

% Excluding the impact of novel coronavirus (COVID-19) infection

#### FY2020 Business Forecasts

## **Details of Revenue**



Mitsubishi Tanabe Pharma

		FY2020	FY2019	Increase /	/ Decrease	
		forecasts	actual	Incicase /	Decrease	
		Billion yen	Billion yen	Billion yen	%	
Do	mestic ethical drugs	303.5	304.3	(0.8)	(0.3)	
	Priority products	182.3	177.1	5.2	2.9	
	Vaccines	40.9	38.9	1.9	5.1	
	Long-listed drugs, etc.	80.2	88.2	(8.0)	(9.1)	
٥v	verseas ethical drugs	50.9	49.7	1.1	2.4	
	Radicava	22.3	23.1	(0.7)	(3.3)	
Royalty revenue, etc.		19.8	17.4	2.4	14.1	

#### FY2020 Business Forecasts

#### **Open Up** the **Future**

**Domestic Ethical Drugs** 

Forecasts of Revenue of Priority Products and Vaccines Mitsubishi Tanabe Pharma

	FY2020	FY2019	Increase /	Decrease	
	Forecasts	actual		Decrease	
	Billion yen	Billion yen	Billion yen	%	
Remicade	44.7	53.3	(8.5)	(16.1)	
Simponi	42.2	40.9	1.3	3.2	
Stelara	32.8	26.0	6.8	26.2	
Tenelia	14.9	15.2	(0.2)	(1.9)	
Canaglu	9.1	8.8	0.3	3.4	
Canalia	9.3	6.7	2.5	38.4	
Lexapro	14.6	14.9	(0.3)	(2.1)	
Rupafin	10.2	6.7	3.4	51.3	
Imusera	4.1	4.2	(0.0)	(2.3)	
Total of priority products	182.3	177.1	5.2	2.9	
Influenza vaccine	12.2	12.6	(0.3)	(3.1)	
Tetrabik	11.2	9.4	1.7	18.7	
Mearubik	6.4	5.9	0.4	8.3	
JEBIK V	5.3	5.1	0.1	3.4	
Varicella vaccine	4.8	4.9	(0.0)	(1.7)	
Total of vaccines	40.9	38.9	1.9	5.1	
Total of priority products and vaccines	223.2	216.0	7.2	3.3	

#### Notification of Changes in the U.S. Development Plan of VLP Vaccine (MT-2271) and an Impairment Loss (Non-recurring Items)



 As Mitsubishi Tanabe Pharma Corporation (hereinafter, "MTPC") announced on April 28, 2020, the change in development plan of Virus Like Particle (VLP) vaccine for the prevention of seasonal influenza (MT-2271) in the United States which has been developed by its affiliated company, Medicago Inc.

- MT-2271 did not meet the pre-specified success criteria of the primary endpoint in the adult population, however results demonstrated significant vaccine efficacy compared to placebo in prevention of influenza infection. Furthermore, in the clinical study in elderly population, the results met the success criteria of the primary endpoint, non-inferiority to comparative licensed egg-derived vaccine in efficacy. Medicago has decided to re-evaluate its licensing strategy in the United States following the FDA's decision to request an additional clinical trial and does not plan to file an application for approval of MT-2271 in the United States.
- Following this change, MTPC has decided to write off intangible assets (in-process research and development expenses), in the amount of approximately 24 billion Japanese Yen, as an impairment loss (non-recurring items) in the fiscal year ending in March 2020.
- Since a level of efficacy has indeed been confirmed in the clinical studies compared with a placebo or a comparator (an egg-derived vaccine), Medicago will leverage the unique advantages of its plant-based VLP platform technology and continue to develop a Quadrivalent VLP vaccine to prevent seasonal influenza. To further improve the efficacy demonstrated in these studies, Medicago started to investigate the development of the product with an adjuvant\* among new development initiatives.

\*An adjuvant is a substance that is used concomitantly to enhance or support the effects of drugs and is expected to enhance immunogenicity when administered with vaccines.

#### Major Development Pipeline Progress in FY 2019 and targets for FY 2020

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#### **Global Projects**

Study code	Indication	Phase	Progress in FY 2019 / Targets for FY 2020		
MT-1186	Amyotrophic lateral sclerosis : ALS	Р3	• Global P3 study (long-term safety study) was started in November 2019.		
ND0612	Parkinson's disease	Р3	<ul> <li>Global P3 study (BouNDless study) was started in August 2019.</li> <li>1-year treatment evaluation of long-term safety study (BeyoND study) was completed in October 2019.</li> </ul>		
MT-7117	Erythropoietic protoporphyria	P2	• Achieved POC in FY 2019. P3 study to be started in FY 2020.		
MT-2990	Endometriosis	P2	Plan to complete P2 study in FY 2020.		
MT-8554	Vasomotor symptoms associated with menopause	P2	Under preparation for P3 study. Continuing partnering activity.		
MT-3921	Spinal cord injury	P1	• Obtained the results of P1 study in FY 2019. P1b study (in patients) was started in April 2020.		

#### Late Stage Projects in Japan

MT-6548	Renal anemia	Filed	•	J-NDA submission in July 2019. Scheduled launch in FY 2020.
MT-0551	Neuromyelitis optica spectrum disorder : NMOSD	Р3	•	Licensed-in from Viela Bio, Inc. (US) in October 2019. Scheduled J-NDA in FY 2020.

#### Change in Development Plan

MT-2271	Prophylaxis of seasonal influenza	Р3	<ul> <li>Decided to discontinue development in US in April 2020*</li> <li>*Started to investigate the development of the product with an adjuvant.</li> </ul>
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#### **Major Development Pipeline List**

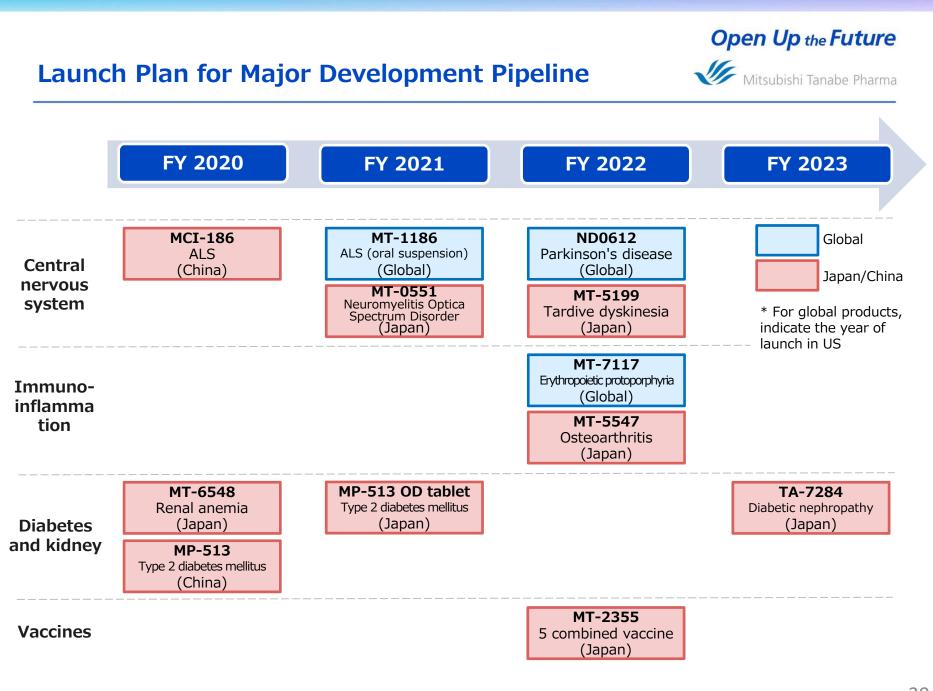
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#### As of April 30, 2020

Priority areas	Item	Development area	Indication	P1	P2	Р3	Filed	Approv ed
Central nervous system	MT-1186	Global	ALS /oral suspension					
	ND0612	Global	Parkinson's disease					
	MT-8554	Global	Vasomotor symptoms associated with menopause			preparing		
	MT-3921	Global	Spinal cord injury					
	MT-0551	Japan	Neuromyelitis Optica Spectrum Disorder				preparing	
	MT-5199	Japan	Tardive dyskinesia					
	MT-7117	Global	Erythropoietic protoporphyria			preparing		
Immuno- inflammation	MT-2990	Global	Endometriosis					
	MT-5547	Japan	Osteoarthritis					
Diabetes and kidney	MT-3995	Global	Non-alcoholic steatohepatitis(NASH)					
	MT-6548	Japan	Renal anemia					
	TA-7284	Japan	Diabetic nephropathy					
	MP-513	China	Type 2 diabetes mellitus					
Vaccines	MT-2355	Japan	5 combined vaccine*					

\*Prophylaxis of pertussis, diphtheria, tetanus, poliomyelitis and prophylaxis of Hib infection in infants



## **Cautionary Statement**

The statements contained in this presentation is based on a number of assumptions and belief in light of the information currently available to management of the company and is subject to significant risks and uncertainties.

It contains information about pharmaceuticals (Include products under development), but is not intended for advertising or medical advice.

The forward-looking statements are based largely on company expectations and information available as of the date hereof, and are subject to risks and uncertainties, which may be beyond company control.

Actual results could differ materially due to numerous factors, including without limitation, marketing conditions and the effects of industry competition.