



# Consolidated Financial Statements for the Year Ended March 31, 2019 FY2019 (April 1, 2018 - March 31, 2019) [UNAUDITED]

May 14, 2019

Company name: Takara Bio Inc.

Stock exchange listings: Tokyo Stock Exchange (1st section)

Code number: 4974

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Scheduled date of general shareholders' meeting: June 21, 2019 Scheduled date of starting delivery of dividends: June 24, 2019 Scheduled date of annual securities report filing date: June 27, 2019

Supplementary documents of the financial results: Yes Financial results information meeting: Yes

Notes: 1. The accompanying financial statements have been prepared in accordance with accounting principles and practices generally accepted in Japan.

2. Amounts are rounded down to the nearest million yen.

# 1. Results for the year ended March 31, 2019 (Apr. 1, 2018 – Mar. 31, 2019)

### (1) Consolidated operating results

(Percentages indicate changes from the same period of the previous fiscal year.)

	Year ended Mar. 3	Year ended Mar. 31, 2019 Year ended Mar. 31,		
	(Millions of yen)	(%)	(Millions of yen)	(%)
Net sales	35,841	10.9	32,312	10.0
Operating income	5,463	53.7	3,555	11.0
Ordinary income	5,665	46.7	3,861	7.9
Net income (loss) attributable to owners of the	3,657	56.6	2,335	72.6
parent				
Net income per share (in yen)	30.38		19.39	
Fully diluted net income per share (in yen)	-		-	
Return on equity		5.8%		3.8%
Ordinary income to total assets ratio		8.1%		5.7%
Operating income to net sales ratio		15.2%		11.0%
Note: Comprehensive income	2,705	(10.2 %)	2,455	(- %)

# (2) Consolidated financial position

	As of Mar. 31, 2019	As of Mar. 31, 2018
	(Millions of yen)	(Millions of yen)
Total assets	71,040	68,670
Net assets	64,095	61,959
Equity ratio (%)	90.1	90.1
Net assets per share (in yen)	531.57	513.66
(Reference) Equity	64,009	61,852

Note: Partial revision of accounting standard related to tax effect accounting (Article 28 on corporate accounting standard, February 16, 2018) has been applied from the beginning of the year ended March 31, 2019. Accordingly, financial position for the year ended March 31, 2018 indicates the numerical value after retroactive adjustment due to this revision.

### (3) Consolidated cash flow

	Year ended Mar. 31, 2019	Year ended Mar. 31, 2018
	(Millions of yen)	(Millions of yen)
Cash flow from operating activities	5,783	3,935
Cash flow from investing activities	(5,576)	(14,755)
Cash flow from financing activities	(541)	(1,205)
Cash and cash equivalents, end year	9,464	10,051

#### 2. Dividends

Annual dividends per share in ven

	Year ended Mar. 31, 2018	Year ended Mar. 31, 2019	Year ending Mar. 31, 2020 (Forecast)
First quarter end	-	-	-
Second quarter end	0.00	0.00	0.00
Third quarter end	-	-	-
Year end	4.50	7.00	8.00
Annual	4.50	7.00	8.00
Total dividend (Millions of yen)	541	842	-
Payout ratio (%)	23.2	23.0	22.7
Dividend on equity (%)	0.9	1.3	

### 3. Forecast for the year ending March 31, 2020 (Apr. 1, 2019 – Mar. 31, 2020)

(Percentages indicated changes from the same period of the previous fiscal year.)

	Six months ending Sep. 30, 2019		Year ending Mar. 31, 2020		
_	(Millions of yen)	(%)	(Millions of yen)	(%)	
Net sales	17,129	(1.4)	36,000	0.4	
Operating income	2,917	11.2	6,200	13.5	
Ordinary income	3,001	12.4	6,450	13.9	
Net income attributable to owners of the parent	1,950	13.3	4,250	16.2	
Net income per share (in yen)	16.20		35.29		

#### **X** Others

(1) Changes in subsidiaries during the period

(Changes in specified subsidiaries resulting in change of scope): No

Newly included: - (Name)

Excluded: - (Name)

- (2) Changes in accounting policies, changes in accounting estimates, and retrospective restatement
  - 1) Changes based on revisions of accounting standard: No
  - 2) Changes other than ones based on revisions of accounting standard: No
  - 3) Changes in accounting estimates: No
  - 4) Restatement: No
- (3) Number of outstanding shares (Common stock)
  - 1) Number of outstanding shares at year end (Treasury stocks are included)

As of March 31, 2019 120,415,600 As of March 31, 2018 120,415,600

2) Number of treasury stocks at year end

As of March 31, 2019 - As of March 31, 2018 -

3) Average number of outstanding shares

As of March 31, 2019 120,415,600 As of March 31, 2018 120,415,600

- \* These financial statements are not subject to auditing.
- \* Comment regarding appropriate use of earnings forecasts and other special notes

Forward-looking statements contained in this document are determined by the Takara Bio Company based on information currently available to the Company and include a number of uncertainties. Actual results could differ from these forecasts due to changes in conditions that occur in the future. For information regarding the above, please refer to 1. Overview of Financial Results (4) Future Outlook, on page 3 of the attached document.

The Company will hold a briefing for institutional investors and analysts on May 16, 2019. The material handed out at this briefing and a review of questions and answers will be posted on our website.

### (Change in calendar indication)

Calendar indication has been changed from Japanese style to western style since Consolidated Financial Statements for the first quarter ended June 30, 2018.

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### 1. Overview of Financial Results

### (1) Overview of Financial Results for the year ended March 31, 2019

In the fiscal year under review, ended March 31, 2019, although the Japanese economy continued to maintain a moderate recovery as personal consumption and corporate earnings improved, the future economy continues to be unpredictable due to the trade friction issue in the U.S. and China, influence of financial, capital markets and others.

Under these circumstances, the three-year Takara Bio's Medium-Term Management Plan FY2020 started in FY2018 aims to strengthen the three business segments: the Bioindustry Business, the Gene Therapy Business, and the Agribio Business and business bases which support them to enhance standing of the Takara Bio Group (the Company) as a global enterprise and regenerative medical product company, and further to achieve prodigious growth. Under this overall policy, the Company promoted initiatives to achieve the operating income of ¥6.0 billion as the target for fiscal 2020, the final year of the revised Medium-Term Management Plan.

As a result, overall net sales in the fiscal year under review, ended March 31, 2019 increased 10.9% year on year to \(\frac{\pmathrm{2}}{35,841}\) million, on contributions from sales for research reagents and contracted services exceeding those of the same period of the previous fiscal year and receipt of licensing fees for co-development/exclusive sales related to NY-ESO-1 • siTCR<sup>TM</sup> and CD19 • CAR gene therapy products in Japan. Cost of sales increased 11.0% year on year to \(\frac{\pmathrm{2}}{15,155}\) million, and gross profit increased 10.9% year on year to \(\frac{\pmathrm{2}}{20,685}\) million. Selling, general and administrative (SG&A) expenses increased 0.8% year on year to \(\frac{\pmathrm{2}}{15,221}\) million due to the increase in personnel expenses, but the Company recorded operating income up 53.7% year on year to \(\frac{\pmathrm{2}}{5,463}\) million.

Accompanied with the increase in operating income, ordinary income increased 46.7% to ¥5,665 million, income before income taxes and others increased 43.5% year on year to ¥4,823 million, and net income attributable to owners of the parent increased 56.6% year on year to ¥3,657 million.

The statuses of the Company business segments are as follows.

#### **Bioindustry Business**

Given the ever-widening activities of biotechnology R&D, the Company has positioned the Bioindustry Business as its core business, which mainly develops and provides products and services supporting such R&D activities.

In the fiscal year under review, sales of scientific instruments decreased year on year, but sales of research reagents and contracted service increased year on year.

As a result of the above, sales to external customers for this business increased 6.8% year on year to ¥31,575 million, and gross profit increased 4.6% year on year to ¥18,369 million due to the increase in sales. SG&A expenses increased 3.7% year on year to ¥11,269 million due to the increase in personnel expenses, but the Company recorded operating income up 6.2% year on year to ¥7,100 million.

### **Gene Therapy Business**

The business focuses on clinical development of gene therapies for diseases such as cancer. These therapies represent the oncolytic virus therapy utilizing canerpaturev (Abbreviated to C-REV, Former HF10) and the engineered T cell therapy utilizing the Company's original technologies such as the RetroNectin method for a high efficiency gene transduction; the RetroNectin expansion-culture system for a high efficient expansion for lymphocytes; as well as siTCR<sup>TM</sup>.

In the fiscal year under review, the licensing fees for domestic co-development and exclusive sales related to NY-ESO-1 • siTCR<sup>TM</sup> and CD19 • CAR gene therapy products and sales of the investigational products based on the agreement was generated. Further, a drug application for marketing approval has been submitted for C-REV as a regenerative medicine product targeting unresectable or metastatic melanoma in March 2019.

As a result, net sales to external customers for this business increased 388.6% year on year to ¥2,443 million, and gross profit increased 283.2% year on year ¥1,915 million. SG&A expenses decreased 22.7% year on year to ¥1,409 million due to decrease in R&D expenses. Accordingly, operating income has been highly improved to ¥506 million, compared with operating loss of ¥1,322 million in the same period of previous fiscal year.

### **AgriBio Business**

This business uses the Company's unique leading-edge biotechnology to identify the scientific basis of foodstuffs. Based on this evidence, the Company develops, manufactures, and sells functional food ingredients. The AgriBio Business has focused on rolling out products related to Gagome kombu (kelp)-derived "Fucoidan," agar-derived agaro-oligosaccharide, Ashitaba (Angelica herb)-derived "Chalcone," the herb (Peucedanum japonicum)-derived "Isosamidin," yam, (Dioscorea esculenta)-derived "Yamsgenin", and mushroom.

In the fiscal year under review, net sales in both functional foods-related products and mushroom-related products declined year

on year.

Consequently, net sales to external customers for this business decreased 18.8% year on year to ¥1,822 million, and gross profit decreased 33.5% to ¥399 million. Operating loss was ¥29 million, compared with operating income of ¥107 million in the same period of previous fiscal year despite SG&A expenses decreased 13.1% to ¥429 million due to the decrease in personnel cost.

The Company's functional food business has been succeeded to Shionogi Healthcare Co., Ltd. pursuant to the simplified absorption-type company split with the effective date January 1, 2019. For details, refer to "3. Consolidated Financial Statements and Primary Note (5) Notes to Consolidated Financial Statements (Business Combination-related Events)".

Further, the Company's Mushroom business has been transferred to Yukigini Maitake Co., Ltd. with effective date of March 1, 2019. For details, refer to "3 Consolidated Financial Statements and Primary Note (5) Notes to Consolidated Financial Statements (Business Combination-related Events)".

#### (2) Overview of Financial Position for the year ended March 31, 2019

In the fiscal year under review, ended March 31, 2019, total assets were \(\pm\)71,040 million, an increase of \(\pm\)2,369 million compared with that at the end of the previous fiscal year. This primarily resulted from an increase of \(\pm\)4,720 million in construction in progress despite decreases in cash and deposits of \(\pm\)503 million and intangible assets of \(\pm\)1,535 million.

Total liabilities were ¥6,945 million, an increase of ¥233 million compared with that at the end of the previous fiscal year. This primarily resulted from an increase of ¥259 million in provision for bonus.

Total net assets stood at ¥64,095 million, an increase of ¥2,136 million compared with that at the end of the previous fiscal year. The main factors were an increase of ¥3,115 million in retained earnings despite a decrease of ¥1,078 million in foreign currency translation adjustment.

### (3) Overview of Cash Flows for the year ended March 31, 2019

Net cash provided by operating activities was ¥5,783 million, up by ¥1,847 million compared with the previous fiscal year. This was primarily due to an increase of ¥1,462 million in income before income taxes and others and ¥544 million in provision for bonus.

Net cash provided by investing activities was ¥5,576 million, a decrease of ¥9,179 million compared with the previous fiscal year. This was primarily due to the elimination of ¥12,396 million from purchase of shares of subsidiaries accompanying changes in the scope of consolidation occurred in the previous fiscal year despite increases of ¥4,477 million in purchase of property, plant and equipment and intangible assets.

Net cash used in financing activities was ¥541 million, a decrease of ¥663 million compared with the previous fiscal year. This was primarily because of an elimination of ¥547 million in redemption of bonds occurred in the previous fiscal year.

As a result of the above, cash and cash equivalents at the fiscal year-end, including the effect of exchange rate change on cash and cash equivalents, stood at \$9,464 million, down by \$587 million from the previous fiscal year-end.

### (4) Future Outlook

Under the three-year Takara Bio's Medium-Term Management Plan FY2020 ("the Plan") which FY2020 is the final year of the Plan, the Company aims to implement the strategies outlined in the Plan, enhance its standing as a global enterprise and regenerative medical product company, and achieve prodigious growth.

In the fiscal year ending March 31, 2020, the final year of the plan, the Company is forecasting net sales of ¥36,000 million, operating income of ¥6,200 million, ordinary income of ¥6,450 million and net income attributable to owners of the parent of ¥4,250 million.

As for targets for fiscal FY2020, the final year of the Plan disclosed on May 11, 2018 (net sales of \(\frac{\pmax}{\pmax}\)38,500 million and operating income of \(\frac{\pmax}{\pmax}\)6,000 million), the Company has downwardly revised net sales due to influence by business transfer, etc. of functional foods and mushrooms, but upwardly revised operating income by absorbing this influence.

For a comparison of results between the year ended March 31, 2019 and the year ended March 31, 2020, refer to "4. Supplementary Information (3) Comparative Statement of Income Relating to Consolidated Earnings Forecasts" on page 16.

### 2. Basic Concept on Selection of Accounting Standards

The Company drafts consolidated financial statements based on Japanese standards taking into consideration comparability between fiscal periods as well as comparability among companies.

The Company's policy regarding the application of International Financial Reporting Standards is to apply them as appropriate after taking into consideration domestic and international circumstances.

# 3. Consolidated Financial Statements and Primary Notes

# (1) Consolidated Balance Sheets

		(Millions of yen)
	As of Mar. 31, 2018	As of Mar. 31, 2019
Assets		
Current assets		
Cash and deposits	17,537	17,033
Notes and accounts receivable-trade	8,031	8,604
Securities	2,000	2,000
Merchandise and finished goods	4,484	4,523
Work in process	334	706
Raw materials and supplies	1,192	1,506
Other	978	941
Allowance for doubtful accounts	(42)	(41)
Total current assets	34,516	35,275
Noncurrent assets		
Property, plant and equipment		
Buildings and structures	12,825	11,775
Accumulated depreciation	(5,611)	(5,435)
Buildings and structures, net	7,214	6,340
Machinery, equipment and vehicles	7,561	5,510
Accumulated depreciation	(5,360)	(3,745)
Machinery, equipment and vehicles, net	2,201	1,764
Tools, furniture and fixtures	7,080	6,890
Accumulated depreciation	(4,613)	(4,588)
Tools, furniture and fixtures, net	2,466	2,302
Land	6,588	6,213
Lease assets	16	15
Accumulated depreciation	(16)	(15)
Lease assets, net	<del>-</del>	
Construction in progress	63	4,784
Total Property, plant and equipment	18,534	21,404
Intangible assets		==,
Goodwill	8,259	7,589
Technology assets	4,670	3,858
Other	1,233	1,171
Total intangible assets	14,163	12,628
Investments and other assets	- 1,100	,
Long-term prepaid expenses	800	684
Deferred tax assets	472	839
Net defined benefit asset	95	91
Other	87	116
Total investments and other assets	1,456	1,732
Total noncurrent assets	34,154	35,765
Total assets	68,670	71,040
		71,040

Liabilities  Current liabilities  Notes and accounts payable-trade Accounts payable-other Accrued income taxes Acc	1,536 2,044 391 593 1,451
Current liabilitiesNotes and accounts payable-trade1,875Accounts payable-other1,905Accrued income taxes431Provision for bonus333Other1,199Total current liabilities5,745	2,044 391 593
Notes and accounts payable-trade 1,875 Accounts payable-other 1,905 Accrued income taxes 431 Provision for bonus 333 Other 1,199 Total current liabilities 5,745	2,044 391 593
Accounts payable-other       1,905         Accrued income taxes       431         Provision for bonus       333         Other       1,199         Total current liabilities       5,745	2,044 391 593
Accrued income taxes 431 Provision for bonus 333 Other 1,199 Total current liabilities 5,745	391 593
Provision for bonus 333 Other 1,199 Total current liabilities 5,745	593
Other 1,199 Total current liabilities 5,745	
Total current liabilities 5,745	1,451
	,
Noncurrent liabilities	6,017
Net defined benefit liability 659	667
Other 307	260
Total noncurrent liabilities 966	927
Total liabilities 6,711	6,945
Net assets	_
Shareholders' equity	
Common stock 14,965	14,965
Capital surplus 32,893	32,893
Retained earnings 12,285	15,401
Total shareholders' equity 60,144	63,260
Accumulated other comprehensive income	
Foreign currency translation adjustment 2,042	964
Remeasurements of defined benefit plans (334)	(215)
Total accumulated other comprehensive income 1,707	749
Non-controlling interests 106	85
Total net assets 61,959	64,095
Total liabilities and net assets 68,670	71,040

# (2) Consolidated Statements of Income and Consolidated Statements of Comprehensive Income

# (Consolidated Statements of Income)

		(Millions of yen)
	Year ended Mar. 31, 2018	Year ended Mar. 31, 2019
Net sales	32,312	35,841
Cost of sales	13,657	15,155
Gross profit	18,655	20,685
Selling, general and administrative expenses		
Promotion expenses	729	703
Provision of allowance for doubtful accounts	11	3
Employees' salaries and bonuses	3,675	4,048
Provision for accrued bonuses	164	327
Retirement benefit expenses	177	173
R&D expenses	4,653	4,337
Other	5,687	5,627
Total selling, general and administrative expenses	15,099	15,221
Operating income	3,555	5,463
Non-operating income		
Interest income	77	89
Subsidy income	197	94
Foreign exchange gains	5	_
Rent of Real estate	88	86
Other	32	36
Total non-operating income	402	307
Non-operating expenses		
Interest expenses	19	_
Foreign exchange losses	_	29
Real estate leasing expense	28	39
Dormant fixed asset cost	45	13
Other	2	23
Total non-operating expenses	96	105
Ordinary income	3,861	5,665
Extraordinary income		
Gain on sales of noncurrent assets	0	1
Gain on business transfer	<del>-</del>	90
Insurance proceeds due to disaster		54
Total extraordinary income	0	146
Extraordinary losses		
Loss on sales and retirement of noncurrent assets	55	99
Impairment loss	446	696
Loss due to disaster	_	131
Indemnifiable loss		60
Total extraordinary losses	501	988
Income before income taxes and others	3,361	4,823
Income taxes-current	1,155	1,453
Income taxes-deferred	(132)	(303)
Total income taxes	1,023	1,149
Net income	2,388	3,673
Net income attributable to:		
Non-controlling interest	3	15
Owners of the parent	2,335	3,657
	2,555	5,031

# (Consolidated Statements of Comprehensive Income)

		(Millions of yen)
	Year ended Mar. 31, 2018	Year ended Mar. 31, 2019
Net income	2,338	3,673
Other comprehensive income		
Foreign currency translation adjustment	21	(1,088)
Remeasurements of defined benefit plans	95	119
Total other comprehensive income	117	(968)
Comprehensive income	2,455	2,705
Comprehensive attributable to:		
Owners of the parent	2,449	2,699
Non-controlling interest	5	5

# (3) Consolidated Statements of Changes in Net Assets Previous Fiscal Year (Apr. 1, 2017 – Mar. 31, 2018)

(Millions of Yen)

		Sharehold	ers' equity		Accumulate	d other compreher	nsive income		
	Capital stock	Capital surplus	Retained earnings	Total shareholders' equity		Remeasurements of defined benefit plans	Total accumulated other comprehensive income	Non- controlling interests	Total net assets
Balance at the beginning of current period	14,965	32,893	10,432	58,291	2,023	(429)	1,593	100	59,985
Changes of items during the period									
Dividends from surplus			(481)	(481)					(481)
Net income (loss) attributable to owners of the parent			2,335	2,335					2,335
Purchase of shares of consolidated subsidiaries		(0)		(0)				0	_
Net changes of items other than shareholders' equity					19	95	114	5	120
Total changes of items during the period	_	(0)	1,853	1,853	19	95	114	5	1,973
Balance at the end of current period	14,965	32,893	12,285	60,144	2,042	(334)	1,707	106	61,959

# Fiscal Year under Review (Apr. 1, 2018 – Mar. 31, 2019)

(Millions of Yen)

					1			(11.11	mons of fen)
		Shareholders' equity Accumulated other comprehensive income							
	Capital stock	Capital surplus	Retained earnings	Total shareholders' equity	Foreign currency translation adjustment	Remeasurements of defined benefit plans	Total accumulated other comprehensive income	Non- controlling interests	Total net assets
Balance at the beginning of current period	14,965	32,893	12,285	60,144	2,042	(334)	1,707	106	61,959
Changes of items during the period									
Dividends from surplus			(541)	(541)					(541)
Net income (loss) attributable to owners of the parent			3,657	3,657					3,657
Purchase of shares of consolidated subsidiaries				_					_
Net changes of items other than shareholders' equity					(1,078)	119	(958)	(21)	(979)
Total changes of items during the period	_	_	3,115	3,115	(1,078)	119	(958)	(21)	2,136
Balance at the end of current period	14,965	32,893	15,401	63,260	964	(215)	749	85	64,095

# (4) Consolidated Statements of Cash Flows

(4) Consolidated Statements of Cash Flows		(Millions of Yen)
-	Year ended Mar. 31, 2018	Year ended Mar. 31, 2019
Net cash provided by (used in) operating activities		
Income before income taxes and others	3,361	4,823
Depreciation and amortization	2,568	2,691
Impairment loss	446	696
Depreciation and amortization on other	160	182
Amortization of goodwill	489	502
Increase (decrease) in allowance for doubtful accounts	0	1
Increase (decrease) in provision for bonus	(276)	267
Increase (decrease) in net defined benefit liability	35	8
Interest income	(77)	(89)
Interest expenses	19	_
Loss (gain) on sales and retirement of non-current assets	54	98
Disaster loss	_	131
Decrease (increase) in notes and accounts receivable-trade	(246)	(974)
Decrease (increase) in inventories	(301)	(1,536)
Increase (decrease) in notes and accounts payable-trade	(341)	(199)
Increase (decrease) in other current liabilities	(675)	546
Other, net	(197)	(236)
Subtotal	5,020	6,914
Interest and dividend income received	94	82
Interest expenses paid	(3)	_
Income taxes paid	(1,175)	(1,213)
Net cash provided by (used in) operating activities	3,935	5,783
Net cash provided by (used in) operating activities  Net cash provided by (used in) investing activities	5,755	3,763
Payments for time deposits	(12,383)	(14,667)
Proceeds from time deposits	10,860	14,395
Purchase of marketable securities	(4,000)	(4,000)
Proceeds from sales and redemption of securities	4,000	4,000
Purchase of property, plant and equipment and		
intangible assets	(1,499)	(5,977)
Proceeds from sales of property, plant and equipment		
and intangible assets	465	7
Purchase of other depreciable assets	(93)	(105)
Proceeds from business transfer	_	764
Purchase of shares of subsidiaries accompanying		, .
changes in the scope of consolidation	(12,396)	_
Other, net	291	5
Net cash provided by (used in) investing activities	(14,755)	(5,576)
Net cash provided by (used in) financing activities	(11,755)	(5,570)
Repayments of long-term debt	(130)	<u> </u>
Redemption of bonds	(547)	_
Cash dividends paid	(480)	(541)
Repayments of lease obligations	(46)	(341)
Net cash provided by (used in) financing activities	· ,	(541)
	(1,205)	· · ·
Effect of exchange rate change on cash and cash equivalents	(123)	(252)
Net increase (decrease) in cash and cash equivalents	(12,149)	(587)
Cash and cash equivalents at beginning of period	22,200	10,051
Cash and cash equivalents at end of period	10,051	9,464

### (5) Notes to Consolidated Financial Statements

### (Notes on Premise of Going Concern)

No items to report.

#### (Change in Indication)

### (Changes associated with application of partial revision of accounting standard related to tax effect accounting)

Partial revision of accounting standard related to tax effect accounting (Article 28 on corporate accounting standard, February 16, 2018) has been applied at the beginning of period for the fiscal year ended March 31, 2019. Category statement to investments and other assets for deferred tax assets and to noncurrent liabilities for deferred tax liability has been made.

As a result, in consolidated balance sheets for the previous fiscal year ended March 31, 2019, "deferred tax assets" under "current assets" decreased ¥515 million, and "deferred tax assets" under "investments and other assets" increased ¥332 million. Also, "deferred tax liabilities" under "noncurrent liabilities" decreased ¥183 million.

Further, the description has been made by setoff of identical tax payment-based deferred tax assets and deferred tax liabilities, and the total assets decreased ¥183 million in comparison to those before change.

### (Business Combination-related Events)

(Business divestiture of functional foods)

The Company's functional food business has been succeeded to Shionogi Healthcare Co., Ltd. pursuant to the simplified absorption-type company split with the effective date January 1, 2019.

- 1. Overview of business divestiture
  - (1) Successor company name and business description
    - ① Name of successor company: Shionogi Healthcare Co., Ltd. (Shionogi Healthcare)
    - ② Description of business divestiture: Functional food business
  - (2) Reason of business divestiture

The three-year Takara Bio's Medium-Term Management Plan 2020 started in FY2018 aims to promote three businesses: Bioindustry, Gene Therapy, and AgriBio business, enhance the Company's standing as a global enterprise and regenerative medical product company, and achieve prodigious growth.

Under the Plan, the Company engaged in the business in line with its growth strategy. Through activities based on recent progress in the business environment, it is considerably more important in creating high corporate value, with "selection and concentration" in business operation and achieving the Plan. With this background, the Company has been seeking a company to continue the business maximizing the use of corporate resource such as research achievements, etc. accumulated in the functional food business. As a result of discussion and negotiations with Shionogi Healthcare, a group company of Shionogi Healthcare & Co., Ltd. strengthening the functional food business, the Company has decided to implement a business reorganization by the company split.

(3) Divestiture date

January 1, 2019

(4) Matters related to summary of other transactions with legal form

This is an absorption-type company split in which Shionogi Healthcare is the successor company. Transaction of compensation receivable is done only in cash.

- 2. Outline of account processing conducted
  - (1) Amount of profit and loss on transfer

Profit on business transfer 76 million yen

(2) Book value of assets and liabilities for business transfer and major description

	(Millions of yen)
Current assets	400
Non-current assets	143
Total assets	544
Current liabilities	12
Non-current liabilities	0
Total liabilities	12

(3) Account processing

Balance between compensation received in cash based on the transfer and equivalents to shareholder's equity in the business divestiture is deducted the divestiture fees to assess the profit and loss on transfer.

3. Reportable segment involved in business divestiture

AgriBio business

4. Estimated amount of profit and loss on business divestiture on consolidated financial statements for the year ended March 31, 2019

Net sales 409 million yen Operating income 6 million yen

(Business Divestiture of mushrooms)

The Company's mushroom business has been transferred to Yukigini Maitake Co., Ltd. with effective date of March 1, 2019.

- 1. Overview of business divestiture
  - (1) Successor company name and business description
    - ① Name of successor company: Yukiguni Maitake Co., Ltd. (Yukiguni Maitake)
    - ② Description of business divestiture: Mushroom business
  - (2) Reason of business divestiture

The three-year Takara Bio's Medium-Term Management Plan 2020 started in FY2018 aims to promote three businesses: Bioindustry, Gene Therapy, and AgriBio business, enhance the Company's standing as a global enterprise and regenerative medical product company, and achieve prodigious growth.

Under the Plan, the Company engaged in the business in line with its growth strategy. Through activities based on recent progress in the business environment, it is considerably more important in creating high corporate value, with "selection and concentration" in business operation and achieving the Plan. With this background, the Company has been seeking a company to continue the business manufacturing and selling the mushrooms with utmost use of corporate resource accumulated. As a result of discussion and negotiations with Yukiguni Maitake having Japan's top share in the Maitake mushroom market and expanding the production and sales for various mushrooms, the Company has decided to implement a business transfer.

(3) Divestiture date

March 1, 2019

(4) Matters related to summary of other transactions with legal form Business transfer to be a property of consideration for cash

- 2. Outline of account processing conducted
  - (1) Amount of profit and loss on transfer

Profit on business transfer 14 million yen

(2) Book value of assets and liabilities for business transfer and major description

	(Millions of yen)
Current assets	347
Non-current assets	194
Total assets	541
Current liabilities	337
Non-current liabilities	0
Total liabilities	337

Note. In the fiscal year under review, ended March 31, 2019, noncurrent assets subject to transfer is reduced book value to amount collectable, and the impairment loss of ¥655 million has been appropriated as extraordinary losses.

(3) Account processing

Balance between compensation received in cash based on the transfer and equivalents to shareholder's equity in the business transfer is deducted the divestiture fees to assess the profit and loss on transfer.

3. Reportable segment involved in business divestiture

AgriBio business

4. Estimated amount of profit and loss on business divestiture on consolidated financial statements for the fiscal year under review, ended March 31, 2019.

Net sales 1,417 million yen
Operating income 36 million yen

### (Segment Information)

1. Outline of reportable segments

The Company's reportable segments are components of the Company for which separate financial information is available that is evaluated regularly by the Board of Directors to determine allocation of management resources and assess performance.

The Company has established business divisions by product and service. Each division drafts comprehensive strategies for the products and service including Japanese and overseas subsidiaries and implements them in their business activities.

Accordingly, the Company is comprised of segments by products and services based on these business divisions and has defined three reportable segments. These three reportable segments are Bioindustry, Gene Therapy, and AgriBio.

The primary products, etc. of each segment are presented in the following table.

The Company's functional food business and mushroom business in AgriBio segment have been transferred on January 1, 2019 and March 1, 2019, respectively.

, _ , _ , _ , _ , _ , _ , _ , _ ,			
Reportable segment	Primary products, etc.		
Bioindustry	Research reagents (genetic, cellular and protein engineering reagents), scientific instruments, contracted services and compensation for gene related patents, etc.		
Gene Therapy	Licensing fees for development and sales relating to the gene therapy products, investigational products		
AgriBio	Functional foods, functional food R&D contracting, compensation for patents, etc., relating to functional foods, mushrooms, and compensation for patents relating to mushrooms, etc.		

2. Calculation method for net sales, income or loss, assets, liabilities, and other items of each reportable segment

The accounting treatment of reportable business segments is in accordance with the accounting policies adopted for the creation of consolidated financial statements.

The figures for the income of reportable segments are based on operating income.

Corporate income is based on the prevailing market price.

3. Net sales, income (loss), assets, liabilities, and other items by reportable segment

Previous Fiscal Year (From Apr. 1, 2017, to Mar. 31, 2018)

(Millions of yen)

	Bioindustry	Gene Therapy	AgriBio	Total	Adjustment (Note: 1)	Amount recognized in consolidated financial statements (Note: 2)
Net sales						
External customers	29,568	500	2,243	32,312	_	32,312
Corporate	_	_	7	7	(7)	_
Total	29,568	500	2,251	32,320	(7)	32,312
Segment income (loss)	6,683	(1,322)	107	5,467	(1,912)	3,555
Segment assets	52,185	2,594	2,165	56,946	11,724	68,670
Other items						
Depreciation and amortization	2,049	300	90	2,441	127	2,568
Amortization of goodwill	489	_	_	489	_	489
Increase in total fixed assets, property, plant and equipment and intangible assets	1,302	118	32	1,453	85	1,539

Notes: 1. The adjustment for segment income (loss) was a loss of ¥1,912 million comprising of the Company not allocated to reportable segments. Expenses of the Company primarily consist of general and administrative expenses and R&D expenses not attributed to reportable segments.

2. Segment income (loss) has been adjusted to the operating income of consolidated financial statements.

Fiscal Year under Review (From Apr. 1, 2018, to Mar. 31, 2019)

(Millions of ven)

	Bioindustry	Gene Therapy	AgriBio	Total	Adjustment (Note: 1)	Amount recognized in consolidated financial statements (Note: 2)
Net sales						
External customers	31,575	2,443	1,822	3,5841	_	35,841
Corporate	_	_	5	5	(5)	_
Total	31,575	2,443	1,827	35,846	(5)	35,841
Segment income (loss)	7,100	506	(29)	7,578	(2,114)	5,463
Segment assets	57,514	3,212		60,727	10,310	71,040
Other items						
Depreciation and amortization	2,262	229	73	2,566	125	2,691
Amortization of goodwill	502	_	_	502	_	502
Increase in total fixed assets, property, plant and equipment and intangible assets	4,880	1,035	23	5,939	62	6,002

- Notes: 1. The adjustment for segment income (loss) was a loss of \(\frac{4}{2}\),114 million comprising of the Company not allocated to reportable segments. Expenses of the Company primarily consist of general and administrative expenses and R&D expenses not attributed to reportable segments.
  - 2. Segment income (loss) has been adjusted to the operating income of consolidated financial statements.
- 4. Information about impairment loss for non-current assets by reportable segment Previous fiscal year (From Apr. 1, 2017, to Mar. 31, 2018)

(Millions of yen)

	Bioindustry	Gene Therapy	AgriBio	Reconciliations	Consolidated
Impairment loss			_	446	446

Notes: The amount of "Reconciliations" is impairment loss of corporate assets which does not belong to the reportable segments.

Fiscal year under review (From Apr. 1, 2018, to Mar. 31, 2019)

(Millions of yen)

	Bioindustry	Gene Therapy	AgriBio	Reconciliations	Consolidated
Impairment loss	_	_	696	_	696

(Per Share Information)

~ <u></u>		
	Year ended Mar. 31, 2018 (Apr. 1, 2017 - Mar. 31, 2018)	Year ended Mar. 31, 2019 (Apr. 1, 2018 - Mar. 31, 2019)
Net assets per share	¥513.66	¥531.57
Net income per share	¥19.39	¥30.38

Notes: 1. Fully diluted net income per share is not presented since there were no potential shares.

2. The basis of calculation of net income per share is as follows.

	Year ended Mar. 31,2018 (Apr. 1, 2017 - Mar. 31, 2018)	Year ended Mar. 31,2019 (Apr. 1, 2018 - Mar. 31, 2019)
Net income per share		
Net income attributable to owners of the parent (¥ million)	2,335	3,657
Amount not attributable to common shareholders (¥ million)	_	_
Net income attributable to owners of the parent in accordance with the common stock (¥ million)	2,335	3,657
Average number of shares outstanding during the term (1,000 shares)	120,415	120,415

# (Significant Subsequent Events)

No items to report

# 4. Supplementary Information

# (1) Trends in Key Management Indicators

(Millions of yen) 1). Cash Flow

T	Year ended Mar. 31, 2018	Year ended Mar. 31, 2019	
Term	(Apr. 1, 2017 - Mar. 31, 2018)	(Apr. 1, 2018 - Mar. 31, 2019)	
Net cash provided by (used in) operating activities	3,935	5,783	
Net cash provided by (used in) investing activities	(14,755)	(5,576)	
Net cash provided by (used in) financing activities	(1,205)	(541)	

2). Net Sales by Region (Millions of yen)

2). I tet buies by Itegion		(minimum or jun)
	Year ended Mar. 31, 2018	Year ended Mar. 31, 2019
	(Apr. 1, 2017 - Mar. 31, 2018)	(Apr. 1, 2018 - Mar. 31, 2019)
Japan	14,266	16,101
U.S.	7,240	7,945
China	5,524	6,227
Asia excluding Japan and China	1,754	1,994
Europe	3,257	3,328
Other	268	244
Total	32,312	35,841

3). R&D Expenses by Reportable Segment (Millions of yen)

5). Reed Expenses by Reportable Segment (Willion			
	Year ended Mar. 31, 2018	Year ended Mar. 31, 2019	
	(Apr. 1, 2017 - Mar. 31, 2018)	(Apr. 1, 2018 - Mar. 31, 2019)	
Bioindustry	2,693	2,723	
Gene therapy	1,804	1,391	
AgriBio	6	_	
Corporate	148	222	
Total	4,653	4,337	

# (2) Comparative Consolidated Statement of Income

(Rounded down to one million yen)

	Year ended	Year ended	Junded down to	
	Mar. 31, 2018	Mar. 31, 2019	Year on year	Year on year
	Actual	Actual	Change	Ratio
(Net Sales)				
Research reagents	22,207	23,601	1,393	106.3%
Scientific instruments	2,635	2,570	(64)	97.5%
Contracted services	4,210	4,954	743	117.6%
Other	514	449	(65)	87.3%
Bioindustry Total	29,568	31,575	2,006	106.8%
Gene therapy	500	2,443	1,943	488.6%
Functional foods	693	409	(283)	59.1%
Mushrooms	1,550	1,412	(137)	91.1%
AgriBio total	2,243	1,822	(421)	81.2%
Total net sales	32,312	35,841	3,528	110.9%
(Operating Income and Loss)				
Net sales	32,312	35,841	3,528	110.9%
Cost of sales	13,657	15,155	1,497	111.0%
Gross profits	18,655	20,685	2,030	110.9%
SG&A expenses	15,099	15,221	121	100.8%
Transportation expenses	643	492	(151)	76.5%
Advertising expenses	83	56	(26)	67.9%
Promotion expenses	729	703	(26)	96.4%
R&D expenses	4,653	4,337	(316)	93.2%
Administrative expenses, other	8,750	9,361	610	107.0%
Enterprise taxes (external standards taxation)	239	270	31	113.0%
Operating income	3,555	5,463	1,908	153.7%
(Non-operating Income and Expenses)	·			Ì
Non-operating income	402	307	(95)	76.3%
Non-operating expenses	96	105	9	110.2%
Ordinary income	3,861	5,665	1,803	146.7%
(Extraordinary Income & Losses)	2,000		2,000	
Extraordinary income	0	146	145	18,993.3%
Extraordinary losses	501	988	486	197.0%
Income before income taxes and others	3,361	4,823	1,462	143.5%
Income taxes	1,023	1,149	126	112.4%
Net Income	2,338	3,673	1,335	157.1%
Net income (loss) attributable to non-controlling interests	2,336	15	1,333	522.5%
Net income attributable to owners of the parent	2,335	3,657	1,322	156.6%
	1		1	
Depreciation and amortization (Property, plant and equipment and intangible assets)	2,568	2,691	122	104.8%
Amortization of goodwill	489	502	13	102.7%

# Profit and loss by business segment (Operating income)

	Year ended Mar. 31, 2018 Actual	Year ended Mar. 31, 2019 Actual	Year on year Change	Year on year Ratio
Bioindustry	6,683	7,100	417	106.2%
Gene therapy	(1,322)	506	1,829	_
AgriBio	107	(29)	(136)	_
Corporate	(1,912)	(2,114)	(202)	
Total	3,555	5,463	1,908	153.7%

# $(3) \quad Comparative \ Statement \ of \ Income \ relating \ to \ Consolidated \ Earnings \ For ecasts$

(Rounded down to one million yen)

	(Rounded down to one million yen)			
	Year ended Mar. 31, 2019 Actual	Year ending Mar. 31, 2020 Forecast	Year on year Change	Year on year Ratio
(Net Sales)				
Research reagents	23,601	24,990	1,389	105.9%
Scientific instruments	2,570	2,108	(462)	82.0%
Contracted services	4,954	5,800	846	117.1%
Other	449	403	(46)	89.7%
Bioindustry Total	31,575	33,302	1,727	105.5%
Gene therapy	2,443	2,697	253	110.4%
Others (Former AgriBio)	1,822		(1,822)	_
Total net sales	35,841	36,000	158	100.4%
(Operating Income and Loss)	55,611	20,000		1001.70
Net sales	35,841	36,000	158	100.4%
Cost of sales	15,155	14,053	(1,102)	92.7%
Gross profits	20,685	21,946	1,261	106.1%
SG&A expenses	15,221	15,746	525	103.4%
Transportation expenses	492	500	8	101.7%
Advertising expenses	56	86	29	152.7%
Promotion expenses	703	674	(29)	95.9%
R&D expenses	4,337	4,292	(44)	99.0%
Administrative expenses, other	9,361	9,896	534	105.7%
Enterprise taxes				
(external standards taxation)	270	296	25	109.6%
Operating income	5,463	6,200	736	113.5%
(Non-operating Income and Expenses)				
Non-operating income	307	320	13	104.4%
Non-operating expenses	105	70	(35)	66.5%
Ordinary income	5,665	6,450	784	113.9%
(Extraordinary Income & Losses)				
Extraordinary income	146	0	(146)	0.2%
Extraordinary losses	988	299	(688)	30.3%
Income before income taxes and others	4,823	6,150	1,326	127.5%
Income taxes	1,149	1,887	738	164.2%
Net Income	3,673	4,262	588	116.0%
Net income (loss) attributable to	3,073	4,202	300	110.0%
non-controlling interests	15	12	(3)	78.7%
Net income attributable to owners of the parent	3,657	4,250	592	116.2%
Depreciation and amortization (Property, plant and equipment and				
intangible assets)	2,691	2,957	265	109.9%
Amortization of goodwill	502	491	(11)	97.8%

Profit and loss by business segment (Operating income)

	Year ended Mar. 31, 2019 Actual	Year ending Mar. 31, 2020 Forecast	Year on year Change	Year on year Ratio
Bioindustry	7,100	7,750	649	109.2%
Gene therapy	506	996	489	196.6%
Others (Former AgriBio)	(29)	-	29	
Corporate	(2,114)	(2,546)	(432)	
Total	5,463	6,200	736	113.5%