Consolidated Financial Statements

Mitsui E&S Holdings Co., Ltd. and Consolidated Subsidiaries

For the Years ended March 31, 2019 and 2018 Together with Independent Auditor's Report



Financial Data

Consolidated Balance Sheets

As of March 31, 2019 and 2018

ASSETS

| | | Japanese Yen (millions) | | | | |
|---|-----------|----------------------------|---|--|--|--|
| Current Assets | 2019 | 2018 | 2019 | | | |
| Cash and time deposits (Notes 1(r) and 4) | ¥ 100,857 | ¥ 93,698 | \$ 908,703 | | | |
| Receivables (Note 15) | | | *************************************** | | | |
| Trade | 225,765 | 243,768 | 2,034,102 | | | |
| Others | 12,976 | 12,447 | 116,912 | | | |
| Less allowance for doubtful accounts | (1,453) | (1,957) | (13,091) | | | |
| Merchandise and finished goods | 4,968 | 4,086 | 44,761 | | | |
| Raw materials and supplies | 8,440 | 5,159 | 76,043 | | | |
| Work in progress | 42,294 | 35,661 | 381,061 | | | |
| Short-term loans | 41,039 | 47,227 | 369,754 | | | |
| Others (Note 18) | 33,074 | 30,944 | 297,991 | | | |
| Total current assets | 467,960 | 471,033 | 4,216,236 | | | |
| Property, Plant and Equipment (Note 4) | | | | | | |
| Land (Note 1(p)) | 245,737 | 245,294 | 2,214,046 | | | |
| Buildings and structures | 198,162 | 197,753 | 1,785,404 | | | |
| Machinery, equipment and vehicles | 186,539 | 187,584 | 1,680,683 | | | |
| Lease assets | 14,198 | 16,156 | 127,922 | | | |
| Construction in progress | 4,185 | 4,332 | 37,706 | | | |
| р од от | 648,821 | 651,119 | 5,845,761 | | | |
| Less accumulated depreciation | (306,781) | (299,052) | (2,764,042) | | | |
| Net property, plant and equipment | 342,040 | 352,067 | 3,081,719 | | | |
| Intangible Assets | | | | | | |
| Intangible assets | 29,491 | 30,234 | 265,709 | | | |
| Investments and Other Assets | | | | | | |
| Investment securities (Notes 2, 3 and 4) | 83,212 | 91,472 | 749,725 | | | |
| Long-term loans (Note 4) | 46,170 | 41,380 | 415,983 | | | |
| Net defined benefit assets (Note 10) | 733 | 5,576 | 6,604 | | | |
| Deferred tax assets (Note 12) | 10,833 | 18,123 | 97,603 | | | |
| Others (Notes 3 and 4) | 19,320 | 20,072 | 174,070 | | | |
| Less allowance for doubtful accounts | (658) | (734) | (5,928) | | | |
| Total investments and other assets | 159,610 | 175,889 | 1,438,057 | | | |
| Total assets | ¥ 999,101 | ¥ 1,029,223 | \$ 9,001,721 | | | |

The accompanying notes to the consolidated financial statements are integral parts of these statements.

LIABILITIES AND NET ASSETS

| | | ese Yen ions) | U.S.Dollars (thousands)(Note 1(a)) |
|--|-----------|------------------|---------------------------------------|
| Current Liabilities | 2019 | 2018 | 2019 |
| Short-term borrowings (Notes 5 and 7) | ¥ 3,535 | ¥ 11,703 | \$ 31,850 |
| Current portion of long-term indebtedness (Notes 4, 6 and 8) | 49,062 | 62,925 | 442,040 |
| Lease obligations | 1,745 | 1,991 | 15,722 |
| Trade payables (Notes 14) | 190,956 | 180,787 | 1,720,479 |
| Advances from customers | 92,604 | 56,944 | 834,345 |
| Accrued expenses | 23,275 | 24,225 | 209,704 |
| Accrued income taxes (Note 12) | 11,846 | 9,010 | 106,730 |
| Provision for losses on construction contracts (Note 1(m)) | 60,972 | 10,328 | 549,347 |
| Provision for construction warranties (Note 1(n)) | 10,782 | 11,440 | 97,144 |
| Asset retirement obligations | 3 | 8 | 27 |
| Others | 19,960 | 13,992 | 179,836 |
| Total current liabilities | 464,740 | 383,353 | 4,187,224 |
| ong-term Liabilities | | | |
| Long-term indebtedness (Notes 4, 6 and 8) | 152,020 | 180,649 | 1,369,673 |
| Lease obligations | 6,521 | 7,117 | 58,75 |
| Liability for severance and retirement benefits | | | |
| For directors and corporate auditors | 463 | 346 | 4,17 |
| Net defined benefit liabilities (Note 10) | 13,104 | 12,274 | 118,06 |
| Deferred tax liabilities | | | |
| On revaluation reserve for land (Notes 1(p) and 12) | 17,076 | 18,009 | 153,85 |
| Others (Note 12) | 49,332 | 50,243 | 444,47 |
| Asset retirement obligations | 1,879 | 1,283 | 16,92 |
| Others | 13,726 | 19,112 | 123,66 |
| Total long-term liabilities | 254,121 | 289,033 | 2,289,58 |
| Total liabilities | | 672,386 | |
| | 718,861 | 072,300 | 6,476,80 |
| let Assets (Note 9) Common stock | - | | |
| Authorized - 150,000,000 shares | | | |
| Issued - 83,098,717 shares | 44,385 | 44,385 | 399,90 |
| Capital surplus | 18,747 | 18,800 | 168,90 |
| Retained earnings | 67,813 | 135,354 | 610,98 |
| Treasury stock | (4,759) | (4,759) | (42,87 |
| Net unrealized holding gains on securities (Note 2) | 3,366 | 7,478 | 30,32 |
| Unrealized losses on hedging derivatives | (6,066) | (6,786) | (54,65 |
| Revaluation reserve for land (Note 1(p)) | 37,808 | 39,912 | 340,64 |
| Foreign currency translation adjustments | 740 | 6,093 | 6,66 |
| Remeasurements of defined benefit plans (Note 10) | (2,488) | (1,317) | (22,41 |
| Subscription rights to shares | 206 | 217 | 1,85 |
| Non-controlling interests | 120,488 | 117,460 | 1,085,57 |
| Total net assets | 280,240 | 356,837 | 2,524,91 |
| | | | |
| Total liabilities and net assets | ¥ 999,101 | ¥ 1,029,223 | \$ 9,001,72 |

| Consolidated Statements | of Operations |
|-------------------------|---------------|
|-------------------------|---------------|

| Consolidated Statements of Operations For the Years Ended March 31, 2019 and 2018 | | | ese Yen ions) | | | .S.Dollars ands)(Note 1(a)) |
|--|---|----------|---|----------|---|--------------------------------|
| of the reals Ended March 61, 2017 and 2010 | | 2019 | | 2018 | | 2019 |
| Net Sales | ¥ | 656,504 | ¥ | 703,217 | \$ | 5,914,983 |
| Cost of Sales (Note 1(q)) | *************************************** | 663,305 | *************************************** | 654,814 | *************************************** | 5,976,259 |
| Gross profit (loss) | | (6,801) | | 48,403 | | (61,276) |
| Selling, General and Administrative Expenses (Note 1(q)) | | 52,902 | | 53,628 | *************************************** | 476,637 |
| Operating loss | | (59,703) | | (5,225) | | (537,913) |
| Other Income (Expenses) | | | | | | |
| Interest and dividend income | | 8,048 | | 7,190 | | 72,511 |
| Interest expenses | | (2,909) | | (3,950) | | (26,210) |
| Equity in earnings of unconsolidated subsidiaries and affiliates accounted for using equity method | *************************************** | 5,675 | | 5,223 | | 51,131 |
| Foreign currency exchange losses | *************************************** | (1,257) | *************************************** | (1,200) | *************************************** | (11,325) |
| Gain on disposal of non-current assets | | 11,932 | | 7,668 | | 107,505 |
| Gain on sales of investment securities (Note 2) | *************************************** | 2,558 | *************************************** | 3,879 | *************************************** | 23,047 |
| Gain on valuation of derivatives | *************************************** | 100 | *************************************** | 43 | | 901 |
| Gain on liquidation of subsidiaries and affiliates | *************************************** | - | *************************************** | 250 | *************************************** | - |
| Gain on sales of subsidiaries and affiliates' stocks | | 101 | *************************************** | 492 | | 910 |
| Loss on disposal of non-current assets | *************************************** | (625) | *************************************** | (732) | *************************************** | (5,631) |
| Loss on impairment of non-current assets (Note 16) | *************************************** | (7,015) | *************************************** | (3,672) | *************************************** | (63,204) |
| Loss on sales of investment securities (Note 2) | | (332) | *************************************** | - | | (2,991) |
| Loss on valuation of investment securities | *************************************** | (404) | *************************************** | (7) | | (3,640) |
| Loss on reduction of non-current assets | | (577) | *************************************** | - | | (5,199) |
| Loss on valuation of shares of subsidiaries and affiliates | *************************************** | - | *************************************** | (31) | *************************************** | - |
| Loss on litigation | | (170) | *************************************** | - | | (1,532) |
| Loss on compensation for damage | *************************************** | (200) | *************************************** | - | *************************************** | (1,802) |
| Others, net | | (456) | *************************************** | 979 | | (4,108) |
| Total | | 14,469 | | 16,132 | | 130,363 |
| Profit (loss) before income taxes | | (45,234) | | 10,907 | | (407,550) |
| Income Taxes (Note 12) | | | | | | |
| Current | | 9,170 | | 7,922 | | 82,620 |
| Deferred | | 8,468 | | 8,285 | | 76,295 |
| | | 17,638 | | 16,207 | | 158,915 |
| Loss | | (62,872) | | (5,300) | | (566,465) |
| Profit attributable to non-controlling interests | | 6,728 | | 4,837 | | 60,619 |
| Loss attributable to owners of parent | ¥ | (69,600) | ¥ | (10,137) | \$ | (627,084) |
| Amounts Per Share of Common Stock (Notes 1(a) and 9) | | | | | | |
| Earnings per share | ¥ | (861.09) | ¥ | (125.42) | \$ | (7.758) |
| Diluted earnings per share | ¥ | - | ¥ | - | \$ | - |
| Dividends, applicable to the year | ¥ | _ | ¥ | - | \$ | - |

(note) Effective October 1, 2017, the Company consolidated every 10 shares of its common stock into 1 share. Earnings per share which is mentioned in "Amounts Per Share of Common Stock" has been converted into those after the share consolidation.

Consolidated Statements of Comprehensive Income

For the Years Ended March 31, 2019 and 2018

| | Japanese Yen (millions) | | | | | U.S.Dollars (thousands)(Note 1(a)) | |
|--|----------------------------|----------|---|---------|---|---------------------------------------|--|
| | | 2019 | | 2018 | | 2019 | |
| Loss | ¥ | (62,872) | ¥ | (5,300) | \$ | (566,465) | |
| Other comprehensive income (Note 17) | | | | | | | |
| Net unrealized holding losses on securities | | (4,287) | | (2,596) | *************************************** | (38,625) | |
| Unrealized losses on hedging derivatives | | (1,322) | | (1,247) | | (11,911) | |
| Foreign currency translation adjustments | | (5,807) | | 1,042 | | (52,320) | |
| Remeasurements of Defined Benefit Plans | | (1,325) | | 3,821 | | (11,938) | |
| Share of other comprehensive income of affiliates accounted for using equity method | | 593 | | (1,160) | | 5,343 | |
| Total | | (12,148) | | (140) | | (109,451) | |
| Comprehensive income | ¥ | (75,020) | ¥ | (5,440) | \$ | (675,916) | |
| Comprehensive income attributable to owners of parent | ¥ | (79,516) | ¥ | (8,398) | \$ | (716,424) | |
| Comprehensive income attributable to non-controlling interests | ¥ | 4,496 | ¥ | 2,958 | \$ | 40,508 | |

Consolidated Statements of Changes in Net Assets

Transfer from revaluation reserve for land

Change in treasury stock of parent arising from transactions with non-controlling shareholders

Net changes of items other than those in Shareholders' equity

Balance as of March 31, 2019

| Cash dividends paid Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | ,385 | 18,800 | (2,425) (10,137) (301) (96) 1,352 | ¥ (4,759 | (2,479) | derivatives | ¥ 41,264 | Foreign currency translation adjustments: ¥ 5,596 497 ¥ 6,093 | Remeasu ments of defin benefit pl ¥ (5,21) 3,80 ¥ (1,3) | ed ans [2] | (19) | Non-controlling interests ¥117,003 457 ¥117,460 | (2,425 (10,137 (301) (96 (5) 20 1,352 (0) 825 ¥356,837 50 356,887 (69,600 |
|---|--------------|------------------------|---|------------|---|--------------------------|---|--|--|------------|---|--|---|
| Cash dividends paid Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | ,385 | (9) (0) ¥ 18,800 | (2,425) (10,137) (301) (96) 1,352 ¥135,354 50 135,404 (69,600) 250 | ¥ (4,759 | (2,479) | (174) ¥ (6,786) | (1,352) ¥ 39,912 | 497 ¥ 6,093 | 3,8° | 75 | (19) ¥ 217 | 457 ¥117,460 | (2,425 (10,137 (301) (96 (9 20 1,352 (0 825 ¥356,837 50 356,887 (69,600 |
| Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | ¥ 18,800 | (10,137) (301) (96) 1,352 ¥135,354 50 135,404 (69,600) 250 | ¥ (4,759 | (2,479) ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | (96 (9 20 1,352 (0 825 ¥356,837 50 356,887 (69,600 |
| Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | ¥ 18,800 | (301) (96) 1,352 ¥135,354 \$50 135,404 (69,600) 250 | ¥ (4,759 | (2,479) ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | (301) (96) (99) 200 1,352 (0) 825 ¥356,837 50 356,887 (69,600 |
| Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | ¥ 18,800 | ¥135,354 50 135,404 (69,600) 250 | ¥ (4,759 | (2,479) ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | 20 1,352 (0 825 ¥356,837 50 356,887 (69,600 |
| Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | ¥ 18,800 | ¥135,354 50 135,404 (69,600) 250 | ¥ (4,759 | (2,479) ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | (9 20 1,352 (0 825 ¥356,837 50 356,887 (69,600 |
| Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | ¥ 18,800 | 1,352 ¥135,354 50 135,404 (69,600) 250 | ¥ (4,759 | (2,479) ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | ¥356,837 50 356,887 (69,600 |
| Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | ¥ 18,800 | 1,352 ¥135,354 50 135,404 (69,600) 250 | ¥ (4,759 | (2,479) ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | 20 1,352 (0 825 ¥356,837 50 356,887 (69,600 |
| Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | ¥ 18,800 | 1,352 ¥135,354 50 135,404 (69,600) 250 | (4,759 | ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | ¥356,837 50 356,887 (69,600 |
| Change in treasury stock of parent arising from transactions with non-controlling shareholders Share consolidation (747,888) Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | ¥ 18,800 | ¥135,354 50 135,404 (69,600) 250 | (4,759 | ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | ¥356,837 50 356,887 (69,600 |
| Net changes of items other than those in Shareholders' equity Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | 18,800 | 50 135,404 (69,600) 250 | (4,759 | ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | 50 356,887 (69,600) |
| Balance as of April 1, 2018 83,099 ¥ 44 Cumulative effects of changes in accounting policies Restated balance 44 Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity | | 18,800 | 50 135,404 (69,600) 250 | (4,759 | ¥ 7,478 | ¥ (6,786) | ¥ 39,912 | ¥ 6,093 | ¥ (1,3° | 17) | ¥ 217 | ¥117,460 | ¥356,837 50 356,887 (69,600) |
| Cumulative effects of changes in accounting policies Restated balance Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | 18,800 | 50 135,404 (69,600) 250 | (4,759 | | | | | | | | | 50 356,887 (69,600) |
| accounting policies Restated balance Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | ,385 | - | 135,404 (69,600) 250 | | 7,478 | (6,786) | 39,912 | 6,093 | (1,3 | 17) | 217 | 117,460 | 356,887 (69,600) |
| Loss attributable to owners of parent Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | ,385 | - | (69,600) 250 | | 7,478 | (6,786) | 39,912 | 6,093 | (1,3 | 17) | 217 | 117,460 | (69,600) |
| Change of scope of consolidation Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | | 250 | | | | | | | | | | |
| Change of scope of equity method Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | | | | | | | | | | | | |
| Purchases of treasury stock Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | | (345) | | | | | | | | | | 250 |
| Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | | | | | | *************************************** | *************************************** | | | *************************************** | *************************************** | (345) |
| Disposal of treasury stock Transfer from revaluation reserve for land Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | // | | (14 | | | *************************************** | *************************************** | | | *************************************** | *************************************** | (14) |
| Change in treasury stock of parent arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | (4) | | 14 | | | *************************************** | *************************************** | *************************************** | | *************************************** | *************************************** | 10 |
| arising from transactions with non-controlling shareholders Net changes of items other than those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | | 2,104 | | | | *************************************** | *************************************** | | | *************************************** | *************************************** | 2,104 |
| those in Shareholders' equity Balance as of March 31, 2019 83,099 ¥ 44 | | (49) | | | | | | | | | | | (49) |
| Com | | | | | (4,112) | 720 | (2,104) | (5,353) | (1,1 | 71) | (11) | 3,028 | (9,003) |
| Com | 385 | ¥ 18,747 | ¥ 67,813 | ¥ (4,759 | ¥ 3,366 | ¥ (6,066) | ¥ 37,808 | ¥ 740 | ¥ (2,48 | 38) | ¥ 206 | ¥120,488 | ¥280,240 |
| | | 1 10,747 | 1 07,010 | 1 (4,737 | | ollars (thou | | | 1 (2,-10 | | | 1120,400 | 1200,240 |
| | mon | Capital | Retained | Treasury | Net unrealized | Unrealized gains(losses) | Revaluation | Foreign currency | Remeasu | | Subscription | Non- | Total |
| | ock | surplus | earnings | stock | holding gains(losses) on securities | on hedging | reserve for land | translation adjustments | of define benefit pl | | rights to shares | controlling interests | net assets |
| Balance as of April 1, 2018 \$399 | ,901 | \$169,385 | \$1,219,515 | \$ (42,878 | \$ 67,375 | \$ (61,141) | \$359,600 | \$ 54,897 | \$ (11,86 | 55) | \$ 1,955 | \$1,058,294 | \$3,215,038 |
| Cumulative effects of changes in accounting policies | | | 450 | | | | | | | | | | 450 |
| Restated balance 399 | ,901 | 169,385 | 1,219,965 | (42,878 | 67,375 | (61,141) | 359,600 | 54,897 | (11,8 | 55) | 1,955 | 1,058,294 | 3,215,488 |
| Loss attributable to owners of parent | | | (627,084) | | | | | | | | | | (627,084 |
| Change of scope of consolidation | | | 2,253 | | | | | | | | | | 2,253 |
| Change of scope of equity method | | | | | | | | | | | | | (3,108 |
| Purchases of treasury stock | - | | (3,108) | | | | *************************************** | | | | | | (5,100, |
| Disposal of treasury stock | | | (3,108) | (126 | | | | | *************************************** | | *************************************** | *************************************** | (126) |

18,957

(442)

18,957

(442)

(37,048) 6,487 (18,956) (48,230) (10,551) (99) 27,281 (81,116)

\$399,901 \$168,907 \$610,983 \$(42,878) \$30,327 \$(54,654) \$340,644 \$6,667 \$(22,416) \$1,856 \$1,085,575 \$2,524,912

Consolidated Statements of Cash Flows

For the Years Ended March 31, 2019 and 2018

| | | ese Yen ions) | U.S.Dollars (thousands)(Note 1(a)) |
|---|------------|------------------|---|
| Cash Flows from Operating Activities : | 2019 | 2018 | 2019 |
| Profit (loss) before income taxes | ¥ (45,234) | ¥ 10,907 | \$ (407,550) |
| Adjustments to reconcile Profit (loss) before income taxes to net cash provided by (used in) operating activities | | | |
| Depreciation and amortization | 14,496 | 17,196 | 130,606 |
| Loss on impairment of non-current assets | 7,015 | 3,672 | 63,204 |
| Amortization of goodwill | 1,177 | 1,242 | 10,605 |
| Decrease of allowance for doubtful accounts | (622) | (1,030) | (5,604) |
| Increase in net defined benefit liablities | 587 | 264 | 5,289 |
| Decrease in net defined benefit assets | 759 | 1,694 | 6,838 |
| Interest and dividend income | (8,048) | (7,190) | (72,511) |
| Interest expenses | 2,909 | 3,950 | 26,210 |
| Equity in earnings of unconsolidated subsidiaries and affiliates accounted for using equity method | (5,675) | (5,223) | (51,131) |
| Foreign currency exchange losses, net | 41 | 151 | 369 |
| Gain on sales of investment securities, net | (2,226) | (3,879) | (20,056) |
| Gain on sales of subsidiaries and affiliates' stocks | (101) | (492) | (910) |
| Loss on valuation of investment securities | 404 | 7 | 3,640 |
| Loss on valuation of shares of subsidiaries and affiliates | - | 31 | - |
| Gain on liquidation of subsidiaries and affiliates | <u>-</u> | (250) | - |
| Gain on disposal of non-current assets, net | (11,307) | (6,936) | (101,874) |
| Loss on reduction of non-current assets | 577 | - | 5,199 |
| Loss on litigation | 170 | - | 1,532 |
| Loss on compensation for damage | 200 | - | 1,802 |
| Changes in assets and liabilities : | 200 | | 1,002 |
| Decrease (increase) in | | | *************************************** |
| Trade receivables | 52,437 | 838 | 472.448 |
| Inventories | (10,555) | 740 | (95,099) |
| Other assets | 1,393 | 1.474 | 12,551 |
| Increase (decrease) in | .,, | | |
| Trade payables | 21,779 | (14,551) | 196.225 |
| Other liabilities | 48,502 | (4,589) | 436,994 |
| Others, net | (4,623) | (1,864) | (41,652) |
| Sub-total | 64,055 | (3,838) | 577,125 |
| Interest and dividend received | 15,207 | 15,615 | 137,012 |
| Interest paid | (2,995) | (3,953) | (26,984) |
| Proceeds from insurance income | - | 204 | - |
| Payments for loss on litigation | (170) | - | (1,532) |
| Income taxes paid | (9,920) | (11,584) | (89,378) |
| Net cash provided by (used in) operating activities | ¥ 66,177 | ¥ (3,556) | \$ 596,243 |

| | Japane: (millio | | U.S.Dollars (thousands)(Note 1(a)) |
|--|---|---|--|
| Cash Flows from Investing Activities : | 2019 | 2018 | 2019 |
| Net decrease (increase) in time deposits | 153 | (865) | 1,379 |
| Capital expenditure | (18,289) | (18,098) | (164,781) |
| Proceeds from sales of non-current assets | 19,887 | 13,298 | 179,178 |
| Purchases of investment securities | (4) | (367) | (36) |
| Proceeds from sales of investment securities | 6,866 | 6,240 | 61,862 |
| Purchase of shares of subsidiaries and affiliates | (7,056) | (12,787) | (63,573) |
| Proceeds from sales of shares of subsidiaries and affiliates | 523 | 908 | 4,712 |
| Payments for investments in capital of subsidiaries and affiliates | - | (1,407) | - |
| Disbursements of loans receivable | (88,857) | (68,961) | (800,586) |
| Collection of loans receivable | 86,997 | 73,733 | 783,827 |
| Others, net | (351) | (741) | (3,162) |
| Net cash provided by (used in) investing activities | ¥ (131) | ¥ (9,047) | \$ (1,180) |
| Net decrease in short-term borrowings | (7.837) | (2.216) | (70,610) |
| Net decrease in short-term borrowings Proceeds from long-term borrowings | (7,837) 20,195 | (2,216) 40,664 | (70,610) 181,953 |
| Proceeds from long-term borrowings Repayments of long-term borrowings | 20,195 (61,934) | 40,664 (42,285) | 181,953 (558,014) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations | 20,195 | 40,664 (42,285) (2,203) | 181,953 |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds | 20,195 (61,934) | 40,664 (42,285) | 181,953 (558,014) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations | 20,195 (61,934) | 40,664 (42,285) (2,203) | 181,953 (558,014) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds | 20,195 (61,934) | 40,664 (42,285) (2,203) 10,000 | 181,953 (558,014) (17,200) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds | 20,195 (61,934) (1,909) | 40,664 (42,285) (2,203) 10,000 (15,000) | 181,953 (558,014) (17,200) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds Purchases of treasury stock Cash dividends Dividends paid to non-controlling interests | 20,195 (61,934) (1,909) - - (15) | 40,664 (42,285) (2,203) 10,000 (15,000) (9) | 181,953 (558,014) (17,200) - - (135) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds Purchases of treasury stock Cash dividends | 20,195 (61,934) (1,909) - - (15) (4) | 40,664 (42,285) (2,203) 10,000 (15,000) (9) (2,417) | 181,953 (558,014) (17,200) - - (135) (36) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds Purchases of treasury stock Cash dividends Dividends paid to non-controlling interests | 20,195 (61,934) (1,909) - - (15) (4) (1,755) | 40,664 (42,285) (2,203) 10,000 (15,000) (9) (2,417) | 181,953 (558,014) (17,200) - - (135) (36) (15,812) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds Purchases of treasury stock Cash dividends Dividends paid to non-controlling interests Proceeds from share issuance to non-controlling shareholders | 20,195 (61,934) (1,909) - - (15) (4) (1,755) 4 | 40,664 (42,285) (2,203) 10,000 (15,000) (9) (2,417) (1,365) | 181,953 (558,014) (17,200) - - (135) (36) (15,812) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds Purchases of treasury stock Cash dividends Dividends paid to non-controlling interests Proceeds from share issuance to non-controlling shareholders Others, net Net cash provided by (used in) financing activities | 20,195 (61,934) (1,909) - - (15) (4) (1,755) 4 (86) ¥ (53,341) | 40,664 (42,285) (2,203) 10,000 (15,000) (9) (2,417) (1,365) - 18 ¥ (14,813) | 181,953 (558,014) (17,200) - - (135) (36) (15,812) 36 (775) \$ (480,593) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds Purchases of treasury stock Cash dividends Dividends paid to non-controlling interests Proceeds from share issuance to non-controlling shareholders Others, net | 20,195 (61,934) (1,909) - - (15) (4) (1,755) 4 (86) | 40,664 (42,285) (2,203) 10,000 (15,000) (9) (2,417) (1,365) | 181,953 (558,014) (17,200) - - (135) (36) (15,812) 36 (775) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds Purchases of treasury stock Cash dividends Dividends paid to non-controlling interests Proceeds from share issuance to non-controlling shareholders Others, net Net cash provided by (used in) financing activities Effect of Exchange Rate Changes on Cash and Cash Equivalents | 20,195 (61,934) (1,909) - - - (15) (4) (1,755) 4 (86) ¥ (53,341) | 40,664 (42,285) (2,203) 10,000 (15,000) (9) (2,417) (1,365) - 18 ¥ (14,813) | 181,953 (558,014) (17,200) - - (135) (36) (15,812) 36 (775) \$ (480,593) |
| Proceeds from long-term borrowings Repayments of long-term borrowings Repayments of lease obligations Proceeds from issuance of bonds Repayments on bonds Purchases of treasury stock Cash dividends Dividends paid to non-controlling interests Proceeds from share issuance to non-controlling shareholders Others, net Net cash provided by (used in) financing activities Effect of Exchange Rate Changes on Cash and Cash Equivalents Net increase (decrease) in Cash and Cash Equivalents | 20,195 (61,934) (1,909) (15) (4) (1,755) 4 (86) ¥ (53,341) (2,726) 9,979 | 40,664 (42,285) (2,203) 10,000 (15,000) (9) (2,417) (1,365) - 18 ¥ (14,813) (76) (27,492) | 181,953 (558,014) (17,200) - - (135) (36) (15,812) 36 (775) \$ (480,593) |

Notes to Consolidated Financial Statements

1. Significant Accounting and Reporting Policies

The following is a summary of the significant accounting and reporting policies adopted by the Mitsui E&S Group (the "Group"), which consists of Mitsui E&S Holdings Co., Ltd. (the "Company") and its consolidated subsidiaries (the "Subsidiaries") in the preparation of the accompanying consolidated financial statements.

(a) Basis of Presenting Consolidated Financial Statements

The accompanying consolidated financial statements of the Group have been prepared in accordance with the provisions set forth in the "Japanese Financial Instruments and Exchange Act" and its related accounting regulations, and in conformity with accounting principles generally accepted in Japan ("Japanese GAAP"), which are different in certain respects as to application and disclosure requirements from International Financial Reporting Standards.

The accounts of the overseas Subsidiaries are based on their accounting records maintained in conformity with generally accepted accounting principles prevailing in the respective countries of domicile ("Local GAAP") and significant differences between Japanese GAAP and Local GAAP are adjusted in consolidation. The accompanying consolidated financial statements have been restructured and translated into English from the consolidated financial statements of the Group prepared in accordance with Japanese GAAP and filed with the appropriate Finance Bureau of the Ministry of Finance as required by the "Financial Instruments and Exchange Act". Certain supplementary information included in the statutory Japanese language consolidated financial statements, but not required for fair presentation, is not presented in the accompanying consolidated financial statements

The translation of Japanese yen amounts into U.S. dollars is included solely for the convenience of readers outside Japan, using the prevailing exchange rate at March 31, 2019, which was ¥110.99 to U.S. \$1. The convenience translations should not be construed as representations that the Japanese yen amounts have been, could have been, or could in the future be, converted into U.S. dollars at this or any other rate of exchange.

(b) Principles of Consolidation

The accompanying consolidated financial statements include the accounts of the Group, over which the Company has power of control through majority voting rights or existence of certain conditions requiring control by the Company.

Material inter-company balances, transactions and profits have been eliminated in consolidation

The assets and liabilities of the Subsidiaries, including the portion attributable to non-controlling shareholders, were evaluated using the fair value at the time the Company acquired control of the respective subsidiaries.

Investments in all significant unconsolidated subsidiaries and affiliates are accounted for using equity method.

Goodwill is generally amortized over certain periods on the straight-line method.

Fiscal years of some of the Subsidiaries end on the 31st of December. The Company consolidates these subsidiaries' financial statements as of each subsidiary's latest fiscal year and significant transactions occurred between each subsidiary's fiscal year-end and the Company's fiscal year-end are adjusted on consolidation.

(c) Revenue Recognition

Revenue and costs associated with construction contracts

1) Construction of its certainty of achievement on the progressed portion until the fiscal year-end can be recognized:

The percentage-of-completion method

(The progress of work is mainly measured by the percentage of cost method) $\,$

2) Construction other than above:

The completed-contract method

Revenues and costs of sales on finance lease transactions are recognized when lease payments are received.

(d) Securities

The Company and the domestic Subsidiaries examined the intent of holding each security and classified those securities as securities held for trading purposes ("trading securities"), debt securities intended to be held to maturity ("held-to-maturity debt securities"), equity securities issued by subsidiaries and affiliated companies, and all other securities that are not classified in any of the above categories ("available-for-sale securities"). The Company and the domestic Subsidiaries did not have trading securities or held-to-maturity debt securities.

Equity securities issued by the Subsidiaries and affiliated companies, which are not accounted for using equity method, are stated at moving-average cost. Available-for-sale securities with available fair market values are stated at fair market value. The fair market value is calculated using mainly the average price of securities one month before the consolidated balance sheet date. Unrealized gains and losses on these securities are reported, net of applicable income taxes, as a separate component of net assets. Realized gains and losses on sale of such securities are computed using moving-average cost. Available-for-sale securities without fair market value available are stated at moving-average cost.

If the market value of held-to-maturity debt securities, equity securities issued by unconsolidated subsidiaries and affiliated companies which are not accounted for using equity method, and available-for-sale securities decline significantly, such securities are stated at fair market value and the difference between fair market value and the carrying amount is recognized as loss in the period of the decline. If the fair market values of these securities are not readily available, they should be written down to net asset value with a corresponding charge in the statements of income in the event net asset value declines significantly. In these cases, such fair market value or the net asset value will be the carrying amount of the securities at the beginning of the next year.

(e) Derivative Transaction and Hedge Accounting

Japanese accounting standard for financial instruments requires the Company and the domestic Subsidiaries to measure derivative financial instruments at fair value and to recognize changes in the fair value as gains or losses unless derivative financial instruments are used for hedging purposes.

If derivative financial instruments are used as hedges and meet certain hedging criteria, the Group defers recognition of gains or losses resulting from changes in fair value of derivative financial instruments until the instruments are applied to hedged items.

In cases where forward foreign exchange contracts are used as hedges and meet certain hedging criteria, the forward foreign exchange contracts and hedging items are accounted for in the following manner.

- 1) If forward foreign exchange contracts are entered into to hedge existing foreign currency receivables or payables,
- i. the difference, if any, between the Japanese yen amount of the hedged foreign currency receivables or payables converted by the contracted forward foreign exchange rate and the book value of the receivables or payables is recognized in the statement of income of the fiscal year in which such contracts are entered into, and
- ii. the difference between the Japanese yen amount converted by the contracted forward foreign exchange rate and the Japanese yen amount by spot rate at the trade date of the contract is allocated to every fiscal period over the term of the contract.
- 2) If forward foreign exchange contracts are entered into to hedge a future transaction (be contracted but not stated in financial statements) denominated in foreign currency, recognition of gains and losses resulting from fair value of the forward foreign exchange contracts are deferred until the contracts are applied to the hedged item.

Also, if interest rate swap contracts are used as hedges and meet certain hedging criteria, the net amount to be paid or received under the interest rate swap contract is added to or deducted from the interest on the assets or liabilities for which the swap contract was allocated.

(f) Allowance for Doubtful Accounts

In order to provide for credit losses, non-recoverable amount is recorded based on write-off ratio for general accounts. For doubtful accounts, collectability is examined and recoverable amount is estimated individually.

(g) Inventories

Merchandise, finished goods, raw materials and supplies are stated at cost determined mainly by the moving-average method (except steels for new shipbuilding, which are by identified cost method) (Balance sheet value reflects downturn in profitability). Work in progress is stated using identified cost method (Balance sheet value reflects downturn in profitability). Construction costs, which are accumulated in inventory, consist of direct materials, labor, other items directly attributable to each contract and an allocable portion of general manufacturing and construction overheads.

(h) Property, Plant and Equipment and Depreciation

Depreciation of plant and equipment is mainly computed using the straight-line method over their estimated useful lives. Ordinary maintenance and repairs are charged to the profit and loss account as incurred.

(i) Intangible assets

Intangible assets primarily consist of software, customer-related assets and goodwill. Software for own use is depreciated using the straight-line method over the estimated useful life (five years). Customer-related assets is also amortized using the straight-line method based on effected period (mainly eighteen years). Goodwill is generally amortized using the straight-line method over a reasonable period in which the economic benefits are expected to be realized.

(j) Employees' Severance and Retirement Benefits

In calculating retirement benefit obligations, the benefit formula basis is used to allocate projected retirement benefits over the period to the end of this consolidated fiscal year. Actuarial gains and losses are recognized in the Consolidated Statements of Operations commencing with the following year using the straight-line method mainly for five or ten years. Prior service costs are recognized in the Consolidated Statements of Operations using the straight-line method mainly for one or five years.

After being adjusted for tax effect, unrecognized actuarial gains and losses, unrecognized prior service costs are added to "Remeasurements of defined benefit plans", an item within "Accumulated other comprehensive income (net assets)".

(k) Liability for Severance and Retirement Benefits for Directors and Corporate Auditors

Amount is recorded based on internal regulations in order to prepare for payment of retirement benefit of directors and corporate auditors.

(I) Translation of Foreign Currency Accounts

Under Japanese accounting standard for foreign currency translation, monetary assets and liabilities denominated in foreign currencies are translated into Japanese yen at the exchange rates prevailing at each balance sheet date with the resulting gain or loss included in the current statements of income.

Assets and liabilities of foreign subsidiaries and affiliates are translated into Japanese yen at the exchange rates in effect at each balance sheet date, except for common stock and capital surplus, which are translated at historical rates. Revenue and expense accounts are also translated at the exchange rates in effect at each balance sheet date.

(m) Provision for Losses on Construction Contracts

Provision for losses on construction contracts, etc., is provided based on an estimate of the total losses which can probably occur for the next fiscal year and beyond with respect to construction projects, etc., on which eventual losses are deemed inevitable and amounts thereof can reasonably be estimated.

(n) Provision for Construction Warranties

Provision for construction warranties for ships and other products is provided based on the estimated amounts calculated by using mainly the average proportion of construction warranties against amounts of construction revenue for past two years.

(o) Income Taxe

Deferred income tax is recognized from temporary differences between the carrying amounts of assets and liabilities for tax and financial reporting. The asset and liability approach is used to recognize deferred tax assets and liabilities for the expected future tax consequences of temporary differences.

(p) Revaluation Reserve for Land

The land used for business operations is revaluated based on real estate tax value on March 31, 2000 and March 31, 2002 respectively, in accordance with Enforcement Ordinance for the Law Concerning Revaluation Reserve for Land (the "Law") effective March 31, 1998. The related unrealized gain, net of income taxes was recorded as "Revaluation reserve for land" in Net assets and the deferred income tax effects were recorded as Deferred tax liabilities on "Revaluation reserve for land" in Long-term liabilities.

According to the Law, revaluation of the land is not permitted at any time after the above revaluation even in cases where the fair value of the land declines. Such unrecorded revaluation losses are ¥39,079 million (\$352,095 thousand) and ¥38,415 million as of March 31, 2019 and 2018, respectively.

(q) Research and Development

Costs relating to research and development activities are charged to the profit and loss account as incurred. The amounts for the years ended March 31, 2019 and 2018 were ¥3,200 million (\$28,831 thousand) and ¥3,531 million, respectively.

(r) Cash Flow Statement

In preparing the Consolidated Statements of Cash flows, cash and cash equivalents consists of cash on hand, readily available deposits including short-term loans and short-term highly liquid investments with maturities not exceeding three months at the time of purchase which involve only an insignificant risk in their movements of value.

Reconciliation of cash and time deposits shown in the consolidated balance sheets and cash and cash equivalents in the Consolidated Statements of Cash flows as of March 31, 2019 and 2018 were as follows:

| | | Japanese Y | U.S.Dollars (thousands) | | | |
|--|---|------------|-------------------------|---------|----|----------|
| | | 2019 | | 2018 | | 2019 |
| Cash and time deposits | ¥ | 100,857 | ¥ | 93,698 | \$ | 908,703 |
| Time deposits with maturities exceeding 3 months | | (3,449) | | (7,490) | | (31,074) |
| Cash equivalents included in marketable securities | | - | | 104 | | - |
| Cash and cash equivalents | ¥ | 97,408 | ¥ | 86,312 | \$ | 877,629 |

(s) Finance Lease Transactions without Transfer of Ownership

Lessee

The method of amortization of the lease assets related to finance lease transactions without transfer of ownership is by the straight-line method corresponding to lease period. The residual value is the guaranteed residual value in case such value is set forth in the lease contract but otherwise is zero value.

Lessor

Revenues and costs of sales on finance lease transactions, other than those that transfer ownership of the leased property to the lessee, are recognized when lease payments are received.

(t) Reclassifications

Certain reclassifications have been made in the financial statement of the previous fiscal year to conform to the classification used in this fiscal year. These reclassifications had no effect on previously reported profit or net assets.

(u) Change in Accounting Policy

Application of IFRS No. 15 "Revenue from Contracts with Customers"

The Subsidiaries adapting IFRS have applied IFRS No. 15 "Revenue from Contracts with Customers" ("IFRS 15"), effective April 1, 2018. In application of IFRS 15, the Subsidiaries chose to recognize the accumulated effect of applying IFRS 15 as of the date of the start of application, as allowed by the provision on transitional measures set forth in IFRS 15.

As a result of this change, retained earnings as of April 1, 2018 increased by ¥50 million (\$450 thousand) in comparison with those under the previous standard. Impacts of application of IFRS 15 on the consolidated financial statements of the Company is immaterial.

(v) Accounting Standards and Guidance Issued but not yet Applied

- "Accounting Standard for Revenue Recognition" (ASBJ Statement No. 29, March 30, 2018)
- "Implementation Guidance on Accounting Standard for Revenue Recognition" (ASBJ Guidance No. 30, March 30, 2018)

1) Outline

The International Accounting Standards Board (IASB) and the U.S. Financial Accounting Standards Board (FASB) jointly developed comprehensive accounting standards for revenue recognition and published the "Revenue from Contracts with Customers" (IFRS 15 for the IASB and Topic 606 for the FASB) in May 2014. IFRS 15 is effective for fiscal years beginning on or after January 1, 2018 and Topic 606 is effective for fiscal years beginning after December 15, 2017. Given these circumstances, the ASBJ has developed comprehensive accounting standards for revenue recognition and published them with the implementation guidance thereon.

The basic policy of the ASBJ in developing accounting standards for revenue recognition is thought to set such accounting standards by adopting basic principles of IFRS 15 as a starting point, from the viewpoint of comparability among financial statements, which is one of benefits of ensuring consistency with IFRS 15, and to additionally provide for alternative accounting treatments to the extent that it would not impair comparability, if there is an item to be taken into consideration in practices that have been conducted in Japan.

2) Planned date of application:

To be applied from the beginning of the fiscal year ending March 31, 2022.

3) Impact of application of the accounting standards:

The impacts of the application of the "Accounting Standard for Revenue Recognition" and the "Implementation Guidance on Accounting Standard for Revenue Recognition" on the Group's consolidated financial statements are currently being evaluated.

- "Accounting Standard for Business Combinations" (ASBJ Statement No. 21, January 16, 2019)
- "Implementation Guidance on Accounting Standard for Business Combinations and Accounting Standard for Business Divestitures" (ASBJ Guidance No. 10, January 16, 2019)

1) Outline

"Accounting Standard for Business Combinations" and "Implementation Guidance on Accounting Standard for Business Combinations and Accounting Standard for Business Divestitures" were revised and issued by the Accounting Standards Board of Japan (ASBJ) based on its discussion following the proposal issued by the Standards Advisory Council, which requested ASBJ to discuss on the accounting treatment in case of partial repayment of considerations in relation to contingent considerations for acquisition under ASBJ Statement No. 21.

Main revisions were to add "repayment of considerations" in the definition of "contingent considerations for acquisition" and to add accounting for "repayment of considerations in relation to contingent considerations for acquisition."

In the revision of "Implementation Guidance on Accounting Standard for Business Combinations and Accounting Standard for Business
Divestitures" (Guidance 10), descriptions for accounting for shareholders of parties to the business combination were amended to be consistent with "Accounting Standard for Business Divestitures" (ASBJ Statement No. 7, September 13, 2013). Furthermore, with respect to the tax effect accounting of divesting company in case where the split-off-type demerger is non-qualified organizational restructuring and the effective date of demerger is the beginning of the fiscal year of the divesting company, because the treatment of deemed fiscal period in split-off-type demerger has already been abolished since fiscal 2010 Tax Reform, the related provisions in Guidance 10 were deleted.

2) Planned date of application:

To be applied to organizational restructurings effected on or after the beginning of the fiscal year ending March 31, 2020.

3) Impact of application of the accounting standards:

The impacts of the application of the "Accounting Standard for Business Combinations" and "Implementation Guidance on Accounting Standard for Business Combinations and Accounting Standard for Business Divestitures" on the Group's consolidated financial statements are currently not yet determined.

(w) Changes in Presentation

Changes due to adoption of "Partial Amendments to Accounting Standard for Tax Effect Accounting"

The Company adopted ASBJ Statement No. 28, "Partial Amendments to Accounting Standard for Tax Effect Accounting" issued on February 16, 2018 ("ASBJ 28"), from the beginning of the year ended March 31, 2019. Accordingly, "Deferred tax assets" and "Deferred tax liabilities" are presented in "Investments and other assets" and "Long-term liabilities", respectively, in the accompanying consolidated balance sheets and "Note on Income Taxes" has been modified.

As a result, certain line items in the consolidated balance sheet as of March 31, 2018 has been reclassified to conform to the 2019 presentation as follows: "Deferred tax assets" of ¥9,492 million previously presented in "Current assets" are now included in "Deferred tax assets" of ¥18,123 million in "Investments and other assets", and "Deferred tax liabilities" of ¥293 million previously presented in "Current liabilities" are now included in "Deferred tax liabilities" of ¥50,243 million in "Long-term liabilities".

In addition, certain information are added to "Note on Income Taxes" as defined by No. 8 (except for the total amount of valuation allowance) and No.9 of Annotations on ASBJ 28, which are referred to by Articles 3 to 5 of ASBJ 28. Such information for the year ended March 31, 2018 are not presented in accordance with the transitional measures prescribed in Article 7 of ASBJ 28.

Consolidated Statements of Cash flows

In the year ended March 31, 2018, "Payments from changes in ownership interests in subsidiaries that do not result in change in scope of consolidation" was presented individually in "Cash flows from financing activities", but now is included in "Other" since its materiality in amount has decreased. Consolidated financial statements for the year ended March 31, 2018 has been reclassified in order to reflect this change in presentation.

As a result, in the consolidated cash flow statement as of March 31, 2018, ¥(0) million previously presented in "Payments from changes in ownership interests in subsidiaries that do not result in change in scope of consolidation" in "Cash flows from financing activities" is now included in "Others".

2. Investment Securities

(a) The following tables summarize acquisition costs, book values and fair values of securities with available fair values as of March 31, 2019 and 2018:

| 019 | | | Japanese | e Yen (millions) | | |
|--|---|--------------|----------|------------------|-----|---------|
| 019 | | isition cost | Во | ok value | Dif | ference |
| Available-for-sale securities: | | | | | | |
| Securities with book values exceeding acquisition costs: | | | | | | |
| Equity securities | ¥ | 8,369 | ¥ | 14,712 | ¥ | 6,343 |
| Sub Total | | 8,369 | | 14,712 | | 6,343 |
| Securities with book values not exceeding acquisition costs: | | | | | | |
| Equity securities | | 6,746 | | 5,653 | | (1,093 |
| Sub Total | | 6,746 | | 5,653 | | (1,093 |
| Total | ¥ | 15,115 | ¥ | 20,365 | ¥ | 5,250 |

| 0010 | | | Japanes | e Yen (millions) | | |
|--|---|--------------|---------|------------------|----|----------|
| 010 | | isition cost | Вс | ook value | Di | fference |
| Available-for-sale securities: | | | | | | |
| Securities with book values exceeding acquisition costs: | | | | | | |
| Equity securities | ¥ | 15,496 | ¥ | 27,511 | ¥ | 12,015 |
| Sub Total | | 15,496 | | 27,511 | | 12,015 |
| Securities with book values not exceeding acquisition costs: | | | | | | |
| Equity securities | | 4,688 | | 4,070 | | (618) |
| Sub Total | | 4,688 | | 4,070 | | (618) |
| Total | ¥ | 20,184 | ¥ | 31,581 | ¥ | 11,397 |

| 2010 | U. S. Dollars (thousands) | | | | | | |
|--|---------------------------|------------------|----|------------|----|----------|--|
| 2017 | | Acquisition cost | | Book value | | fference | |
| Available-for-sale securities: | | | | | | | |
| Securities with book values exceeding acquisition costs: | | | | | | | |
| Equity securities | \$ | 75,403 | \$ | 132,552 | \$ | 57,149 | |
| Sub Total | | 75,403 | | 132,552 | | 57,149 | |
| Securities with book values not exceeding acquisition costs: | | | | | | | |
| Equity securities | | 60,780 | | 50,933 | | (9,847) | |
| Sub Total | | 60,780 | | 50,933 | | (9,847) | |
| Total | \$ | 136,183 | \$ | 183,485 | \$ | 47,302 | |
| | | | | | | | |

(b) Proceeds from sales of available-for-sale securities and realized gains and losses on sales of available-for-sale securities for the years ended March 31, 2019 and 2018 were as follows:

| | Japanese Y | U.S. Dollars (thousands) | | | | |
|---|------------|--------------------------|-------------------------------|---|--|--|
| | 2019 2018 | | | 2019 | | |
| | | | | - | | |
| ¥ | 6,867 | ¥ | 6,240 | \$ | 61,870 | |
| | | | | | | |
| ¥ | 2,558 | ¥ | 3,879 | \$ | 23,047 | |
| | | | | | | |
| ¥ | 363 | ¥ | - | \$ | 3,271 | |
| | ¥ | ¥ 2,558 ¥ 363 | ¥ 6,867 ¥ ¥ 2,558 ¥ ¥ 363 ¥ | ¥ 6,867 ¥ 6,240 ¥ 2,558 ¥ 3,879 ¥ 363 ¥ - | ¥ 6,867 ¥ 6,240 \$ ¥ 2,558 ¥ 3,879 \$ ¥ 363 ¥ - \$ | |

(c) Securities for which impairment loss was recognized

For the year ended March 31, 2019, loss on impairment of ¥403 million (\$3,631 thousand) for available-for-sale securities was recognized. When the fair value of a security at the fiscal year-end declines by more than 50% compared to the acquisition cost, the full amount is recognized as loss on impairment. When the decline is around 30% to 50%, loss on impairment is recognized for the amount deemed necessary, taking into consideration the recoverability etc.

3. Investments in Unconsolidated Subsidiaries and Affiliates

Investments in unconsolidated subsidiaries and affiliates included in investment securities as of March 31, 2019 and 2018 were ¥56,012 million (\$504,658 thousand) and ¥52,000 million, respectively. Investments in unconsolidated subsidiaries and affiliates included in other assets as of March 31, 2019 and 2018 were ¥6,969 million (\$62,789 thousand) and ¥7,940 million, respectively.

4. Pledged Assets

Assets pledged as collateral for long-term indebtedness as of March 31, 2019 and 2018 were as follows:

| | | Japanese Y | en (millions |) | U.S. Dollars (thousand | | |
|-----------------------------------|---|------------|--------------|--------|------------------------|---------|--|
| Land | : | 2019 | 2018 | | 2019 | | |
| | ¥ | 2,399 | ¥ | 2,514 | \$ | 21,615 | |
| Buildings and structures | | 172 | | 182 | | 1,550 | |
| Machinery, equipment and vehicles | | 7,919 | | 9,016 | | 71,349 | |
| Investment securities | | 1,103 | | 1,133 | | 9,938 | |
| Cash and time deposits | | 425 | | 3,186 | | 3,829 | |
| Long-term loans | | 814 | | - | | 7,334 | |
| Long-term deposits | | 1,457 | | 1,476 | | 13,127 | |
| | ¥ | 14,289 | ¥ | 17,507 | \$ | 128,742 | |

Long-term indebtedness secured by the above pledged assets as of March 31, 2019 and 2018 were as follows:

| | | Japanese Y |) | U.S. Dollars (thousands) | | |
|------------------------|-----------|------------|---|--------------------------|----|--------|
| Long-term indebtedness | 2019 2018 | | | 2019 | | |
| | ¥ | 10,228 | ¥ | 11,919 | \$ | 92,152 |
| | ¥ | 10,228 | ¥ | 11,919 | \$ | 92,152 |

5. Short-Term Borrowings

Short-term borrowings represent notes payable to banks due within twelve months. The average interest rate for the year ended March 31, 2019 is 0.27%.

6. Long-Term Indebtedness

Long-term indebtedness as of March 31, 2019 and 2018 were summarized below:

| | Japanese Yen (millions) | | | ns) | U.S.Dollars (thousands) | |
|---|-------------------------|----------|---|----------|-------------------------|-----------|
| | | 2019 | 2018 | | 2019 | |
| Secured by mortgages on plant and equipment- | | | | | | |
| loans from Japanese banks, due on various dates through 2026 | ¥ | 10,228 | ¥ | 11,919 | \$ | 92,153 |
| Unsecured or non-guaranteed- | | | | | - | |
| 1.14% bonds, due December 12, 2019 | | 5,000 | | 5,000 | | 45,049 |
| 0.63% bonds, due December 12, 2019 | | 5,000 | | 5,000 | | 45,049 |
| 0.62% bonds, due September 14, 2020 | | 5,000 | | 5,000 | | 45,049 |
| 0.46% bonds, due September 15, 2021 | | 10,000 | | 10,000 | | 90,098 |
| 1.03% bonds, due December 10, 2021 | | 5,000 | | 5,000 | | 45,049 |
| 1.01% bonds, due September 14, 2022 | | 5,000 | *************************************** | 5,000 | | 45,049 |
| 0.62% bonds, due December 15, 2022 | | 10,000 | | 10,000 | | 90,098 |
| 0.70% bonds, due September 15, 2023 | | 5,000 | | 5,000 | | 45,049 |
| loans from banks, insurance companies and trading companies due on various dates through 2028 | | 140,854 | | 181,655 | | 1,269,070 |
| | | 201,082 | | 243,574 | | 1,811,713 |
| Less: Current portion included in current liabilities | | (49,062) | *************************************** | (62,925) | | (442,040) |
| | ¥ | 152,020 | ¥ | 180,649 | \$ | 1,369,673 |

The aggregate annual maturities of long-term indebtedness are summarized below:

| ear ended March 31, | Ja | panese Yer | n (millions) | U.S.Dollars (thousands) | | |
|---------------------|----|------------|--------------|---|-----------|--|
| 2020 | ¥ | | 49,062 | \$ | 442,040 | |
| 2021 | | | 49,367 | | 444,788 | |
| 2022 | | | 38,073 | *************************************** | 343,031 | |
| 2023 | | | 34,578 | | 311,542 | |
| 2024 and thereafter | | | 30,002 | | 270,312 | |
| | ¥ | | 201,082 | \$ | 1,811,713 | |

7. Unexecuted Balance of Overdraft Facilities and Lending Commitments

The unexecuted balance of overdraft facilities and lending commitments at the Group as of March 31, 2019 and 2018 were as follows:

| | | Japanese Y | en (millions) |) | U.S.Dollars (thousands) | | | |
|--|---|------------|---------------|--------|-------------------------|---------|--|--|
| | | 2019 | | 2018 | 2019 | | | |
| Total overdraft facilities and lending commitments | ¥ | 65,824 | ¥ | 67,496 | \$ | 593,062 | | |
| Less amounts currently executed | | 3,452 | • | 2,778 | | 31,102 | | |
| Unexecuted balance | ¥ | 62,372 | ¥ | 64,718 | \$ | 561,960 | | |

8. Financial Covenants

Long-term borrowings include those based on syndicated loan contracts and commitment line contracts entered into between the Company and financial institutions, which are subject to financial covenants. Main covenants are as follows:

Syndicated loans (Long-term borrowings, current portion of long-term borrowings):

- At the end of each fiscal year, total net assets in the consolidated and non-consolidated balance sheets must be maintained above a defined level, respectively.
- Ratings by rating agencies must be maintained above a defined level.

Commitment line contracts (short-term borrowings):

- At the end of each fiscal period (including quarter period), total net assets in the consolidated and non-consolidated balance sheets must be maintained above a defined level, respectively.

The balance of long-term borrowings based on such contracts as of March 31, 2019 and 2018 were as follows:

| | | Japanese Yen (millions) | | | | U.S.Dollars (thousands) | | |
|----------------------|---|-------------------------|---|--------|------|-------------------------|--|--|
| | | 2019 2018 | | | 2019 | | | |
| Long-term borrowings | ¥ | 15,481 | ¥ | 21,921 | \$ | 139,481 | | |
| | ¥ | 15,481 | ¥ | 21,921 | \$ | 139,481 | | |

(note) Long-term borrowings includes the current portion.

At the end of the second-quarter of the year ended March 31, 2019, the Company violated the financial covenants of commitment line contracts. However, the covenants were subsequently changed at the renewal of the contracts and, as a result, the violation has been resolved as of March 31, 2019.

9. Net Assets and Per Share Data

Under the Japanese Corporate Law ("the Law") and regulations, the entire amount paid for new shares is required to be designated as common stock. However, a company may, by a resolution of the Board of Directors, designate an amount not exceeding one-half the price of the new shares as additional paid-in capital, which is included in capital surplus.

In cases where a dividend distribution of surplus is made, the smaller of an amount equal to 10% of the dividend or the excess, if any, of 25% of common stock over the total of additional paid-in-capital and legal earnings reserve must be set aside as additional paid-in-capital or legal earnings reserve. Legal earnings reserve is included in retained earnings in the accompanying consolidated balance sheets.

Legal earnings reserve and additional paid-in capital could be used to eliminate or reduce a deficit by a resolution in the shareholders' meeting or could be capitalized by a resolution in the shareholders' meeting.

Additional paid-in capital and legal earnings reserve may not be distributed as dividends. Under the Law, all additional paid-in-capital and all legal earnings reserve may be transferred to other capital surplus and retained earnings, respectively, which are potentially available for dividends.

The maximum amount that the Company can distribute as dividends is calculated based on the non-consolidated financial statements of the Company in accordance with Japanese laws and regulations.

Earnings per share is computed based on the weighted average number of shares of common stock outstanding during each period. Cash dividends per share represent the cash dividends declared applicable to the respective year. Effective October 1, 2017, the Company consolidated every 10 shares of its common stock into 1 share.

10. Liability for Severance and Retirement Benefits

(a) Overview of adopting severance and retirement benefits plans

The Group has system of funded and unfunded severance and retirement benefits, and defined contribution pension plans.

Severance and retirement benefits (all funded) pay out lump-sum payment or annual pension based on salary and length of service. Part of funded severance and retirement benefits is entrusted.

Lump-sum payment (part of which becomes funded as a result of benefit trust although the system is unfunded) is paid out based on salary and length of service as retirement benefits.

Some of the domestic Subsidiaries have adopted a "simpler method" to calculate liability for severance and retirement benefits for employees.

(b) Breakdown of information concerning severance and retirement benefits

| i) Movements of severance and | | Japanese Y | U.S.Dollars (thousands) | | | |
|--|---|------------|---|---------|---|----------|
| retirement benefit obligation: | | 2019 2018 | | | | |
| Balance at beginning of year | ¥ | 48,565 | ¥ | 48,035 | \$ | 437,562 |
| Current service costs | | 2,710 | | 2,713 | *************************************** | 24,417 |
| Interest costs | | 302 | | 353 | | 2,721 |
| Actuarial differences on pension plan obligation | | 416 | | 719 | *************************************** | 3,748 |
| Benefits paid | | (3,035) | | (2,845) | | (27,345) |
| Change of scope of consolidation | | 166 | *************************************** | (253) | | 1,496 |
| Others | | 563 | | (157) | | 5,072 |
| Balance at end of year | ¥ | 49,687 | ¥ | 48,565 | \$ | 447,671 |

| ii) Movements of pension assets: | | Japanese Yen (millions) | | | | U.S.Dollars (thousands) | | |
|---|---|-------------------------|---|---------|------|-------------------------|--|--|
| | | 2019 | | 2018 | 2019 | | | |
| Balance at beginning of year | ¥ | 41,867 | ¥ | 41,955 | \$ | 377,214 | | |
| Expected return on pension assets | | 17 | | 19 | | 153 | | |
| Actuarial differences on pension assets | | (3,278) | | 1,559 | | (29,534) | | |
| Contribution to pension plans | | 73 | | 204 | | 657 | | |
| Benefits paid | | (1,336) | | (1,848) | | (12,037) | | |
| Others | | (27) | | (22) | | (243) | | |
| Ralance at end of year | | 37 316 | ¥ | /11 867 | ¢ | 336 210 | | |

| Retirement benefit obligation (funded non-contributory) Less fair value of pension assets Retirement benefit obligation (Unfunded termination and retirement allowance plan) Net defined benefit assets / liabilities recorded in the consolidated balance sheets | | Japanese Yo | U.S.Dollars (thousands) | | | |
|---|---|-------------|-------------------------|----------|------|-----------|
| recorded in the consolidated balance sheets: | | 2019 | | 2018 | 2019 | |
| Retirement benefit obligation (funded non-contributory) | ¥ | 42,182 | ¥ | 41,336 | \$ | 380,052 |
| Less fair value of pension assets | | (37,316) | | (41,867) | | (336,210) |
| Retirement benefit obligation (Unfunded termination and retirement allowance plan) | | 7,505 | | 7,229 | | 67,619 |
| Net defined benefit assets / liabilities recorded in the consolidated balance sheets | ¥ | 12,371 | ¥ | 6,698 | \$ | 111,461 |
| Defined benefit liabilities | | 13,104 | | 12,274 | | 118,065 |
| Defined benefit assets | | (733) | | (5,576) | | (6,604) |
| Net defined benefit assets / liabilities recorded in the | ¥ | 12,371 | ¥ | 6,698 | \$ | 111,461 |

| y) Severance and retirement benefit expenses: | | Japanese Y | U.S.Dollars (thousands) | | | | |
|---|---|------------|---|-------|---|---------|--|
| | | 2019 | 2 | 2018 | 2019 | | |
| Current service costs | ¥ | 2,710 | ¥ | 2,713 | \$ | 24,417 | |
| Interest costs | | 302 | | 353 | | 2,721 | |
| Expected return on pension assets | | (17) | | (19) | | (153) | |
| Amortization of actuarial differences | | 2,684 | | 4,773 | | 24,182 | |
| Amortization of prior service costs | | (1) | | (127) | *************************************** | (9) | |
| Others | | (504) | *************************************** | - | | (4,541) | |
| Severance and retirement benefit expenses | ¥ | 5,174 | ¥ | 7,693 | \$ | 46,617 | |

| v) Remeasurements of defined benefit plans | | Japanese Ye | U.S.Dollars (thousands) | | | |
|--|--------|-------------|---|-------|---|----------|
| (before deducted tax effects): | | 2019 | : | 2018 | 2019 | |
| Prior service costs | ¥ | 8 | ¥ | 108 | \$ | 72 |
| Actuarial differences | ****** | (1,263) | *************************************** | 5,646 | *************************************** | (11,380) |
| Others | | (432) | *************************************** | (193) | *************************************** | (3,892) |
| Total | ¥ | (1,687) | ¥ | 5,561 | \$ | (15,200) |

| vi) Unrecognized actuarial differences | | Japanese Y | | U.S.Dollars (thousands) | | | |
|--|---|------------|---|-------------------------|---|---------|--|
| (before deducted tax effects): | | 2019 | | 2018 | 2019 | | |
| Unrecognized prior service costs | ¥ | (128) | ¥ | (120) | \$ | (1,153) | |
| Unrecognized actuarial differences | *************************************** | 2,943 | *************************************** | 1,681 | *************************************** | 26,516 | |
| Others | *************************************** | 1,006 | | 574 | | 9,064 | |
| Total | ¥ | 3,821 | ¥ | 2,135 | \$ | 34,427 | |

| ii) The major categories of pension assets: | Percentage of composition | | | | | | |
|---|---------------------------|------|--|--|--|--|--|
| | 2019 | 2018 | | | | | |
| Bonds | 4% | 3% | | | | | |
| Securities | 73% | 76% | | | | | |
| Cash and deposits | 18% | 17% | | | | | |
| Others | 5% | 4% | | | | | |
| Total | 100% | 100% | | | | | |

| viii) The principal actuarial assumptions at reporting | | |
|--|-----------------------|-----------------------|
| date are summarized below: | 2019 | 2018 |
| Discount rate | 0.0% - 0.9% | 0.0% - 1.0% |
| Expected rate of return on pension plan assets | Not applicable | Not applicable |
| Expected rate of pay raises | Primarily 1.7% - 3.6% | Primarily 2.0% - 3.8% |

To determine the expected rate of return on pension plan assets, allocation of pension assets expected in present and future, and long-term rate of return on portfolio assets expected in present and future are considered.

(c) Defined contribution pension plan

The contribution paid to the defined contribution pension plan is summarized below:

| | | Japanese Y | U.S.Dollars (thousands) | | | | |
|--|---|------------|-------------------------|------|------|-------|--|
| | | 2019 | | 2018 | 2019 | | |
| Contribution paid to the defined contribution pension plan | ¥ | 166 | ¥ | 159 | \$ | 1,496 | |

11. Stock options

(a) The stock options outstanding at March 31, 2019 are as follows:

| | FY2015 Stock option | FY2014 Stock option |
|----------------------------|---|---|
| Persons granted | Directors of MES: 9 (including executive officers additional post) Executive officers of MES: 13 (excluding directors additional post) Deputy directors of MES: 17 | Directors of MES: 14 Deputy directors of MES: 21 |
| Class and number of shares | Common stock 49,700 shares | Common stock 36,600 shares |
| Grant date | August 21, 2015 | August 22, 2014 |
| Vesting conditions | It continues in the position of Director, Executive officer or Deputy director until (June 30, 2016 or March 31, 2016) on data of vested after (August 21, 2015) on date of grant. | It continues in the position of Director or Deputy director until (June 30, 2015 or March 31, 2015) on data of vested after (August 22, 2014) on date of grant. |
| Service period | (Directors of MES) From July 1, 2015 to June 30, 2016 (Executive officers of MES) From April 1, 2015 to March 31, 2016 (Deputy directors of MES) From April 1, 2015 to March 31, 2016 | (Directors of MES) From July 1, 2014 to June 30, 2015 (Deputy directors of MES) (continuously - appointed) From July 1, 2014 to March 31, 2015 (Deputy directors of MES) (newly - appointed) From April 1, 2014 to March 31, 2015 |
| Exercise period | From August 22, 2015 to August 21, 2045 | From August 23, 2014 to August 22, 2044 |
| | FY2013 Stock option | |
| Persons granted | Directors of MES: 14 Deputy directors of MES: 19 | |
| Class and number of shares | Common stock 62,400 shares | |
| Grant date | August 23, 2013 | |
| Vesting conditions | It continues in the position of Director or Deputy director until (June 30, 2014) on data of vested after (August 23, 2013) on data of grant. | |
| Service period | From July 1, 2013 to June 30, 2014 | |
| Exercise period | From August 24, 2013 to August 23, 2043 | |

(note) Effective October 1, 2017, the Company consolidated every 10 shares of its common stock into 1 share. The number of shares has been converted into those after the share consolidation.

(b) The numbers of and changes in stock options during the year ended March 31, 2019 are as follows:

| | FY2 | 015 Stock option | FY2 | 2014 Stock option | FY2 | 2013 Stock option |
|--|-----|------------------|-----|-------------------|-----|-------------------|
| Non-vested: | - | | | | | |
| Outstanding at March 31, 2018 | | - | | - | | - |
| Granted | | - | | - | | - |
| Forfeited | | - | | - | | - |
| Vested | | - | | - | | - |
| Outstanding of non-vested at March 31, 2019 | | - | | - | | - |
| Vested: | | | | | | |
| Outstanding at March 31, 2018 | | 48,500 | | 36,400 | | 45,400 |
| Vested | | - | | - | | - |
| Exercised | | 1,500 | | 2,000 | | 3,300 |
| Forfeited | | - | | - | | - |
| Outstanding of non-vested at March 31, 2019 | | 47,000 | | 34,400 | | 42,100 |
| Exercise price - Yen (U.S. Dollars) | ¥ | 1 (\$0.009) | ¥ | 1 (\$0.009) | ¥ | 1 (\$0.009) |
| Average share price at exercise - Yen (U.S. Dollars) | ¥ | 1,350 (\$12.163) | ¥ | 1,404 (\$12.650) | ¥ | 1,297 (\$11.686) |
| Fair value price at grant date - Yen (U.S. Dollars) | ¥ | 1,690 (\$15.227) | ¥ | 1,910 (\$17.209) | ¥ | 1,440 (\$12.974) |

(note) Effective October 1, 2017, the Company consolidated every 10 shares of its common stock into 1 share. The number of shares has been converted into those after the share consolidation.

(c) Calculation method for the number of rights vested

Only actual forfeited number of the vested stock option is used for calculation for the number of rights vested, since it is difficult to reasonably estimate the number of options that will forfeited in the future.

12. Income Taxes

The Company and the domestic Subsidiaries are subject to a number of income taxes, which, in the aggregate, indicate a statutory tax rate in Japan of approximately 30.8% for the year ended March 31, 2019 and 2018.

The following table summarizes the significant differences between the statutory tax rate and the Group's effective tax rate for financial statement purposes for the year ended March 31, 2018:

| | 2018 |
|--|--------|
| tatutory tax rate | 30.8% |
| Valuation allowance | 166.6 |
| Revaluation of land | 5.8 |
| Non-deductible expenses for tax purposes | 1.7 |
| Amortization of goodwill | 3.3 |
| Taxation on per capita basis | 1.4 |
| Equity in earnings of unconsolidated subsidiaries and affiliates accounted for using equity method | (14.7) |
| Income of foreign subsidiaries taxed at lower than Japanese normal rate | (30.8) |
| Non-taxable dividend income | 1.4 |
| Increase of deferred tax assets, net of liabilities at fiscal year-end by the change of tax rate | 1.6 |
| Corporate income taxes, etc. paid in past fiscal years | (18.5) |
| Others | (0.0) |
| ffective tax rate | 148.6% |

(note) Such information for the year ended March 31, 2019 is not presented, because loss before income taxes was recorded.

Significant components of deferred tax assets and liabilities as of March 31, 2019 and 2018 were as follows:

| | Japa | U.S.Do | U.S.Dollars (thousands) | | |
|---|-------|---------|-------------------------|---|-----------|
| | 2019 | | 2018 | | 2019 |
| Deferred tax assets: | | | | | |
| Net defined benefit liabilities | ¥ 11, | .662 ¥ | 9,520 | \$ | 105,073 |
| Elimination of intercompany profit of fixed assets | 2 | 203 | 3,184 | | 19,849 |
| Tax loss carry forward | 28 | 121 | 22,015 | | 253,365 |
| Losses on revaluation of inventories | | 345 | 255 | | 3,108 |
| Accrued expenses | 5 | 813 | 6,135 | | 52,374 |
| Provision for construction warranties | | 901 | 2,647 | | 8,118 |
| Allowance for doubtful accounts | - | 481 | 1,246 | | 4,334 |
| Provision for losses on construction contracts | 18 | 594 | 3,165 | | 167,528 |
| Loss on impairment of non-current assets | 8 | 757 | 7,849 | | 78,899 |
| Loss on revaluation of marketable and investment securities | | 270 | 413 | | 2,433 |
| Stock investment to subsidiaries and affiliates | 15 | 877 | 16,225 | | 143,049 |
| Others | 9 | 365 | 15,574 | *************************************** | 84,377 |
| Total deferred tax assets | 102 | 389 | 88,228 | | 922,507 |
| Valuation allowance related to net tax loss carriedforward | (27 | ,924) | - | | (251,590) |
| Valuation allowance related to the total of future deductible amount, etc. | (52 | ,494) | - | *************************************** | (472,962) |
| Valuation allowance | (80) | ,418) | (57,222) | | (724,552) |
| Net deferred tax assets | 21 | 971 | 31,006 | | 197,955 |
| Deferred tax liabilities: | | | | | |
| Net unrealized holding gains on securities | (2 | ,899) | (4,747) | *************************************** | (26,119) |
| Accelerated depreciation on non-current assets | | (464) | (628) | | (4,181) |
| Reserve for advanced depreciation of non-current assets | (2 | ,474) | (2,904) | | (22,290) |
| Gains on contribution of securities to trust for employees' retirement benefit | (1) | ,276) | (1,288) | | (11,497) |
| Percentage of completion | (2 | ,083) | (810) | *************************************** | (18,767) |
| Undistributed earnings of foreign subsidiaries | | (320) | (267) | *************************************** | (2,883) |
| Unrealized gain on assets and liabilities of consolidated subsidiaries | (47 | ,789) | (48,132) | *************************************** | (430,571) |
| Others | (3 | ,165) | (4,351) | *************************************** | (28,516) |
| Total deferred tax liabilities | (60 | ,470) | (63,127) | | (544,824) |
| Net deferred tax assets | ¥ (38 | ,499) ¥ | (32,121) | \$ | (346,869) |

(note) Increase in valuation allowance of ¥23,196 million (\$208,992 thousand) is mainly attributable to the allowance for the provision for losses on construction contracts.

For the year ended March 31, 2019, the breakdown of tax loss carry forward and corresponding deferred tax assets by expiration date is as follows:

| | | | | | | Jap | anese ` | Yen (milli | ons) | | | | | |
|----------------------------|------|-----------|----------------|-----------------------|----------------------------------|------|----------------------------------|------------|---------------------------------|------|--------------|----------|-------|----------|
| Tax loss carry forward (a) | With | in 1 year | Over withir | 1 year ~ n 2 years | Over 2 years ~ within 3 years | | Over 3 years ~ within 4 years | | Over 4 years~ within 5 years | | Over 5 years | | Total | |
| | ¥ | 465 | ¥ | 109 | ¥ | 140 | ¥ | 118 | ¥ | 113 | ¥ | 27,176 | ¥ | 28,121 |
| Valuation allowance | ¥ | (465) | ¥ | (90) | ¥ | (95) | ¥ | (74) | ¥ | (68) | ¥ | (27,132) | ¥ | (27,924) |
| Deferred tax assets | ¥ | 0 | ¥ | 19 | ¥ | 45 | ¥ | 44 | ¥ | 45 | ¥ | 44 | ¥ | 197 |

| | | US dollars (thousands) | | | | | | | | | | | | | |
|----------------------------|------|------------------------|----|---------------------------------|----|----------------------------------|----|----------------------------------|----|---------------------------------|-------|--------------|------|----------|--|
| | Witl | Within 1 year Ove | | Over 1 year ~ within 2 years | | Over 2 years ~ within 3 years | | Over 3 years ~ within 4 years | | Over 4 years~ within 5 years | | Over 5 years | | Total | |
| Tax loss carry forward (a) | \$ | 4,190 | \$ | 982 | \$ | 1,261 | \$ | 1,063 | \$ | 1,018 | \$ 2 | 244,851 | \$ | 253,365 | |
| Valuation allowance | \$ | (4,190) | \$ | (811) | \$ | (856) | \$ | (667) | \$ | (613) | \$ (2 | 244,454) | \$ (| 251,591) | |
| Deferred tax assets | \$ | 0 | \$ | 171 | \$ | 405 | \$ | 396 | \$ | 405 | \$ | 397 | \$ | 1,774 | |

(a) Tax loss carry forward is calculated by multiplying the statutory tax rate.

13. Business Combination

(a) Transition to a holding company structure by means of an absorption-type company split

Following the approval at the Ordinary General Meeting of Shareholders held on June 28, 2017, the Company executed an absorption-type company split on April 1, 2018, with the Company as the splitting company and the Company's three wholly owned subsidiaries as succeeding companies, and shifted to a holding company structure.

As of the same date, the Company also changed its trade name to Mitsui E&S Holdings Co., Ltd.

Transactions under common control

1) Summary of transactions

i. Business operations subject to the transaction

Ship and ocean business, Machinery and systems business, and Engineering business of the Company

ii. Date of business combination

April 1, 2018

iii. Legal form of business combination

Absorption-type company split, with the Company as the splitting company and the Company's three wholly owned subsidiaries as succeeding companies.

iv. Name of companies after business combination

The succeeding companies for each business, with their trade names being changed as of April 1, 2018, are as follows:

Ship and ocean business - Mitsui E&S Shipbuilding Co., Ltd.

(formerly, MES Ship Split Preparation Co., Ltd.)

Machinery and systems business – Mitsui E&S Machinery Co., Ltd.

(formerly, MES Machinery and Systems Split Preparation Co., Ltd.)

Engineering business - Mitsui E&S Engineering Co., Ltd.

(formerly, MES Engineering Split Preparation Co., Ltd.)

v. Other transaction summary

Business environment surrounding the Company is entering a period of major changes. In addition to fluctuations of crude oil prices, slowdown of recovery speed of investment for large plants, exchange-rate fluctuations (risk of switching of the U.S. exchange policy), and delay of recovery of demand in the market of commercial ships, there is a rapid catch-up by ship constructing competitors in emerging countries such as China and South Korea including in technical aspects. On the other hand, opportunities of business expansion are increasing in the context of growing energy demand mainly in emerging countries and increasing tendency toward environmental efficiency and energy conservation. Under this business environment, the Group decided to spin off each of the Company's ship and ocean business, machinery & systems business, and engineering business into separate operating companies and shift to a holding company structure in order to accelerate deepening of management of the Group.

Transitioning to a holding company structure will enable the Company to transfer authority and responsibility over business execution to the spin-off operating companies and establish clear independence of business execution and management responsibility. Under this arrangement, the operating companies will formulate and execute strategies quickly, adapt their strategies to changes in the business environment flexibly, execute bold strategies such as M&A activities (or business partnerships), pursue a selection-and-concentration strategy, and thereby further enhance their corporate value.

As a pure holding company, the Company will work to enhance collaboration between the Group companies and the spin-off operating companies, whose independence of business execution has been strengthened, develop business plans and other business strategies so as to foster an organic sense of unity among Group companies, concentrate corporate resources on business domains that the Company identifies as growth areas, and thus enhance the corporate value of the Group as a whole.

2) Summary of accounting applied

The transaction was accounted for as transactions under common control in accordance with "Accounting Standard for Business Combinations" (ASBJ Statement No. 21, September 13, 2013) and "Implementation Guidance on Accounting Standard for Business Combinations and Accounting Standard for Business Divestitures" (ASBJ Guidance No. 10, September 13, 2013).

14. Contingent Liabilities

Contingent liabilities of the Group as of March 31, 2019 and 2018 were as follows:

| | | Japanese Ye | U.S.Dollars (thousands) | | | | |
|---|------|-------------|-------------------------|--------|----|---------|--|
| | 2019 | | | 2018 | | 2019 | |
| Guarantees of bank loans and other indebtedness | ¥ | 32,240 | ¥ | 65,659 | \$ | 290,477 | |

15. Notes Matured on the Year-End Date that Falls on a Bank Holiday

Notes matured on the year-end date that falls on a bank holiday are accounted for as settled on their clearing date though it belongs to the next fiscal year. As March 31, 2019 and 2018 were bank holidays, the notes matured on the year-end date were included in the year-end balance as follows:

| | | Japanese Y | U.S.Doll | U.S.Dollars (thousands) | | |
|------------------|----|------------|----------|-------------------------|----|-------|
| | 20 | 19 | 2 | 018 | | 2019 |
| Notes receivable | ¥ | 511 | ¥ | 430 | \$ | 4,604 |
| Notes payable | ¥ | 107 | ¥ | 66 | \$ | 964 |

16. Loss on Impairment of non-current assets

The Group adopted the accounting standard for impairment of non-current assets. The non-current assets are grouped by each segment. Idle non-current assets are grouped individually. The book value of the non-current assets is reduced to the collectable amount.

The loss on impairment of non-current assets for the years ended March 31, 2019 and 2018 were comprised of the following.

2019

| Location | : Oita City, Oita Prefecture etc. |
|----------------|--|
| Major use | : Idle assets |
| Asset category | : Land |
| Amount | : ¥ 28 million (\$ 252 thousands) |
| Reason | : Decline in market value |
| | |
| Location | : Ichihara City, Chiba Prefecture etc. |
| Major use | : Business assets |
| Asset category | : Land, Building etc. |
| Amount | : ¥ 5,833 million (\$ 52,554 thousands) |
| Reason | : Deterioration of business environment |
| | |
| Location | : Akishima City, Tokyo |
| Major use | : Assets to be disposed |
| Asset category | : Building etc. |
| Amount | : ¥ 195 million (\$ 1,757 thousands) |
| Reason | : Determination of disposal |
| Location | : Germany |
| Major use | · - Gormany |
| Asset category | : Goodwill |
| Amount | : ¥ 959 million (\$ 8,641 thousands) |
| Reason | : Decline in MES Germany Beteiligungs GmbH's expected income |

2018

| Location | : Etajima City, Hiroshima Prefecture. |
|----------------|--|
| Major use | : Idle assets |
| Asset category | : Land |
| Amount | :¥0 million |
| Reason | : Decline in market value |
| | |
| Location | : Takamatsu City, Kagawa Prefecture etc. |
| Major use | : Business assets |
| Asset category | : Land, Building, Machinery and Equipment etc. |
| Amount | : ¥ 3,672 million |
| | |

17. Comprehensive Income

Each component of other comprehensive income for the years ended of March 31, 2019 and 2018 were the following:

| | | Japanese Y | en (milli | ons) | U.S.Dollars (thousands) | |
|--|---|------------|-----------|---------|---|-----------|
| | | 2019 | | 2018 | | 2019 |
| Net unrealized holding gains (losses) on securities: | | | | | | |
| Amount of generation at this fiscal term | ¥ | (4,611) | ¥ | 199 | \$ | (41,544) |
| Amount of rearrangement adjustment | | (1,529) | | (3,876) | | (13,776) |
| Before adjusting the tax effect | | (6,140) | | (3,677) | | (55,320) |
| Tax effect | | 1,853 | | 1,081 | | 16,695 |
| Net unrealized holding losses on securities | | (4,287) | | (2,596) | | (38,625) |
| Unrealized gains (losses) on hedging derivatives: | | | | | | |
| Amount of generation at this fiscal term | | (1,966) | | (1,619) | | (17,713) |
| Amount of rearrangement adjustment | | 556 | | (63) | | 5,009 |
| Before adjusting the tax effect | | (1,410) | | (1,682) | | (12,704) |
| Tax effect | | 88 | | 435 | | 793 |
| Unrealized losses on hedging derivatives | | (1,322) | | (1,247) | | (11,911) |
| Foreign currency translation adjustments: | | - | | - | | |
| Amount of generation at this fiscal term | *************************************** | (5,776) | | 1,493 | *************************************** | (52,041) |
| Amount of rearrangement adjustment | | (34) | | (249) | | (306) |
| Before adjusting the tax effect | | (5,810) | | 1,244 | | (52,347) |
| Tax effect | | 3 | | (202) | | 27 |
| Foreign currency translation adjustments | | (5,807) | | 1,042 | | (52,320) |
| Remeasurements of defined benefit plans: | | | | | | |
| Amount of generation at this fiscal term | | (3,699) | | 916 | | (33,328) |
| Amount of rearrangement adjustment | | 2,012 | | 4,645 | | 18,128 |
| Before adjusting the tax effect | | (1,687) | | 5,561 | | (15,200) |
| Tax effect | | 362 | | (1,740) | | 3,262 |
| Remeasurements of defined benefit plans | | (1,325) | | 3,821 | | (11,938) |
| Share of other comprehensive income of affiliates accounted for using equity method: | | | | | | |
| Amount of generation at this fiscal term | | (269) | | (2,271) | | (2,423) |
| Amount of rearrangement adjustment | *************************************** | 862 | | 1,111 | | 7,766 |
| Share of other comprehensive income of affiliates accounted for using equity method | | 593 | | (1,160) | | 5,343 |
| Total | ¥ | (12,148) | ¥ | (140) | \$ | (109,451) |

18. Leases

(a) Lessee

i) Unexpired lease payments of operating lease transactions as of March 31, 2019 and 2018 were as follows:

| | | Japanese Ye | U.S.Dollars (thousands) | | | | |
|---------------------|-----------|-------------|-------------------------|-------|------|--------|--|
| | 2019 2018 | | | | 2019 | | |
| Due within one year | ¥ | 1,900 | ¥ | 1,908 | \$ | 17,119 | |
| Due after one year | | 4,277 | | 6,032 | | 38,535 | |
| Total | ¥ | 6,177 | ¥ | 7,940 | \$ | 55,654 | |

(b) Lessor

i) Unexpired lease receivables of operating lease transactions as of March 31, 2019 and 2018 were as follows:

| | | Japanese Y | en (millions) | | U.S.Dollars (thousands | | | |
|---------------------|---|------------|---|-------|---|--------|--|--|
| | | 2019 2018 | | | 2019 | | | |
| Due within one year | ¥ | 1,229 | ¥ | 1,315 | \$ | 11,073 | | |
| Due after one year | *************************************** | 6,804 | *************************************** | 8,027 | *************************************** | 61,303 | | |
| Total | ¥ | 8,033 | ¥ | 9,342 | \$ | 72,376 | | |

19. Financial Instruments

(a) Articles concerning status of financial instruments

1) Policies for financial instruments

The Group restricts the fund management to short-term financial instruments. The Group transfers funds to each other through an intercompany cash management systems (CMS).

Regarding the funding, the Group raises the short-term working capital through bank loans and the issuance of commercial paper (CP), and raises the long term capital investment through bank loans and the issuance of bonds. Derivative financial instruments are utilized to hedge the risks described hereinafter and not for speculative transactions as a matter of policy.

2) Substances and risks of financial instruments

Trade receivables are exposed to credit risks of customers. Trade receivables in foreign currency, which the Company and certain Subsidiaries receive from foreign operations, are exposed to currency fluctuation risks. Forward foreign exchange contracts are applied to these hedged items in principle. Investment securities, mainly of companies with business relationships, are exposed to market fluctuation risks. Short-term and long-term loans for operating funds and capital expenditures of SPC's, which are established for charter project of FPSO or for generating electricity, are exposed to credit risks of customers.

Almost all of the trade payables are due within one year. Foreign currency trade payables for overseas procurement are exposed to currency fluctuation risks, but those trade payables are controlled not to exceed the balance of trade receivables in the same foreign currencies. Short-term borrowings are mainly for the purpose of funding commercial transactions. Long-term borrowings and bonds are mainly for the purpose of funding capital investments. Although the portions of those debts with floating interest rates are exposed to interest rate fluctuation risks, interest rate swap contracts are applied to hedge the risks.

Derivative transactions are the above mentioned forward foreign exchange contracts, as well as interest rate swap contracts. They are for the purpose of hedging currency fluctuation risks and rising interest rate risks.

As to details on hedging instruments, hedged items, hedging policy and hedge effectiveness testing, please refer to "1. Significant Accounting and Reporting Policies (e) Derivative Transaction and Hedge Accounting."

3) Risk management in financial instruments

i. Management of credit risks (Risks for breach of contracts)

The Group monitors due dates and balances of trade receivables and regularly investigates the credit standings of main customers for early detection and reduction of default risks according to internal regulation. Certain Subsidiaries reduce their balance of loan receivables by arranging project finance or through cooperation with business partners such as general trading companies.

As to derivative transactions, credit risks are minimized by dealing solely with top-ranked financial institutions.

ii. Management of market risks (Exchange rate or interest rate fluctuation risks)

The Company and certain Subsidiaries utilize forward foreign exchange contracts, interest rate swap contracts, and interest rate and currency swap contracts. Forward foreign exchange contracts are for the purpose of hedging currency fluctuation risks arising from foreign currency receivables and payables in principle, and the others are utilized for the purpose of hedging interest rate fluctuation risks arising from short-term and long-term borrowings and bonds.

Holding position of investment securities are continuously reviewed by researching fair market value and financial status of important customers regularly and taking into account of market condition and relationship with customers.

Execution and management of derivative transactions are based on each company's internal regulation restricting scope of authority. As to derivative transactions, the Group utilizes them to offset risks within the range of trade demand.

iii. Management of liquidity risks of raising funds (Default risks)

The Finance & Accounting department of the Group makes and updates finance plans, and maintains a certain level of liquidity on hand to minimize liquidity risks.

4) Supplementary explanation about fair value of financial instruments

Fair value of financial instruments includes not only fair market value based on market price but also reasonably estimated value if market price is not available. Reasonably estimated fair value may fluctuate because it depends on an estimation process which is based on certain preconditions.

The contract amounts for derivatives stated in the following "(b) Articles concerning fair value of financial instruments," do not indicate the market risks of derivatives.

(b) Articles concerning fair value of financial instruments

Consolidated balance sheet amounts, fair value of financial instruments and the differences between them for the fiscal years ended March 31, 2019 and 2018 were as follows. Financial instruments in which the fair value is considered to be extremely difficult to recognize are not included in the list below.

| 2019 | Japanese Yen (millions) | | | | | | | |
|--|---|-----------|---|-----------|---|-----|--|--|
| 2017 | В | ook value | F | air value | Differer | | | |
| (1) Cash and time deposits | ¥ | 100,857 | ¥ | 100,857 | ¥ | - | | |
| (2) Trade receivables | | 225,765 | | | *************************************** | | | |
| Less allowance for doubtful accounts *1 | *************************************** | (1,005) | *************************************** | | *************************************** | | | |
| | | 224,760 | | 224,760 | | 0 | | |
| (3) Short-term loans | | 41,039 | | 41,039 | | - | | |
| (4) Investment securities | | | | | | | | |
| Available-for-sale securities | | 20,365 | | 20,365 | | - | | |
| (5) Long-term loans | | 46,170 | | | | | | |
| Less allowance for doubtful accounts *1 | *************************************** | (426) | | | *************************************** | | | |
| | | 45,744 | | 45,958 | | 214 | | |
| Total assets | ¥ | 432,765 | ¥ | 432,979 | ¥ | 214 | | |
| (1) Trade payables | ¥ | 190,956 | ¥ | 190,956 | ¥ | - | | |
| (2) Short-term borrowings | | 3,535 | *************************************** | 3,535 | *************************************** | - | | |
| (3) Current portion of long-term borrowings | | 39,062 | | 39,100 | *************************************** | 38 | | |
| (4) Current portion of bonds | *************************************** | 10,000 | *************************************** | 10,011 | *************************************** | 11 | | |
| (5) Accrued income taxes | | 11,846 | | 11,846 | *************************************** | - | | |
| (6) Bonds | *************************************** | 40,000 | *************************************** | 40,135 | *************************************** | 135 | | |
| (7) Long-term borrowings | | 112,020 | | 112,263 | *************************************** | 243 | | |
| Total liabilities | ¥ | 407,419 | ¥ | 407,846 | ¥ | 427 | | |
| Derivative transactions *2 | *************************************** | ······· | *************************************** | | | | | |
| i. Derivative transactions for which hedge accounting has not been applied | ¥ | 2,462 | ¥ | 2,462 | ¥ | - | | |
| ii. Derivative transactions for which hedge accounting has been applied | *************************************** | (278) | *************************************** | (278) | *************************************** | - | | |
| Total derivative transactions | ¥ | 2,184 | ¥ | 2,184 | ¥ | _ | | |

| 2010 | | | Japane | se Yen (millions) | | |
|---|----|---|--------|--|-----|--|
| 2018 | В | ook value | | air value | Dif | ference |
| (1) Cash and time deposits | ¥ | 93,698 | ¥ | 93,698 | ¥ | - |
| (2) Trade receivables | | 243,768 | | | | |
| Less allowance for doubtful accounts *1 | | (1,898) | | | | |
| | | 241,870 | | 241,869 | | (1) |
| (3) Short-term loans | | 47,227 | | 47,227 | | - |
| (4) Investment securities | | | | | | |
| Available-for-sale securities | | 31,581 | | 31,581 | | - |
| (5) Long-term loans | | 41,380 | | | | |
| Less allowance for doubtful accounts *1 | | (394) | | | | |
| | | 40,986 | | 41,691 | | 705 |
| Total assets | ¥ | 455,362 | ¥ | 456,066 | ¥ | 704 |
| | | | | | | |
| (1) Trade payables | ¥ | 180,787 | ¥ | 180,787 | ¥ | - |
| (2) Short-term borrowings | | 11,703 | | 11,703 | | - |
| (3) Current portion of long-term borrowings | | 62,925 | | 62,969 | | 44 |
| (4) Current portion of bonds | | - | | - | | - |
| (5) Accrued income taxes | | 9,010 | | 9,010 | | - |
| (6) Bonds | | 50,000 | | 50,222 | | 222 |
| (7) Long-term borrowings | | 130,649 | | 130,783 | | 134 |
| Total liabilities | ¥ | 445,074 | ¥ | 445,474 | ¥ | 400 |
| | | | | | | |
| Derivative transactions *2 | | | | | | |
| i. Derivative transactions for which hedge accounting has not been applied | ¥ | 2,551 | ¥ | 2,551 | ¥ | - |
| ii. Derivative transactions for which hedge accounting has been applied | | 919 | | 919 | | - |
| Total derivative transactions | ¥ | 3,470 | ¥ | 3,470 | ¥ | - |
| 2019 | | ook value | | llars (thousands) | | ference |
| (1) Cash and time deposits | \$ | 908,703 | \$ | 908,703 | \$ | - |
| (2) Trade receivables | | 2,034,102 | | | | |
| Less allowance for doubtful accounts *1 | | (9,055) | | | | |
| | | 2,025,047 | | | | |
| (3) Short-term loans | | | | 2,025,047 | | 0 |
| (4) Investment securities | | 369,754 | | 2,025,047 369,754 | | 0 - |
| Available-for-sale securities | | 369,754 | | 369,754 | | |
| | | 369,754 183,485 | | | | |
| (5) Long-term loans | | 369,754 183,485 415,983 | | 369,754 | | |
| | | 369,754 183,485 415,983 (3,838) | | 369,754 183,485 | | - |
| (5) Long-term loans Less allowance for doubtful accounts *1 | | 369,754 183,485 415,983 (3,838) 412,145 | | 369,754 183,485 414,073 | | 1,928 |
| (5) Long-term loans | \$ | 369,754 183,485 415,983 (3,838) | \$ | 369,754 183,485 | \$ | - |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets | | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 | | 369,754 183,485 414,073 3,901,062 | | 1,928 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables | \$ | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 | \$ | 369,754 183,485 414,073 3,901,062 1,720,479 | \$ | 1,928 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings | | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 | | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 | | 1,928 1,928 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings | | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 | | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 | | 1,928 1,928 1,928 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings (4) Current portion of bonds | | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 90,098 | | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 90,197 | | 1,928 1,928 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings (4) Current portion of bonds (5) Accrued income taxes | | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 90,098 106,730 | | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 90,197 106,730 | | 1,928 1,928 1,928 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings (4) Current portion of bonds (5) Accrued income taxes (6) Bonds | | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 90,098 106,730 360,393 | | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 90,197 106,730 361,609 | | 1,928 1,928 1,928 - - - 342 99 - 1,216 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings (4) Current portion of bonds (5) Accrued income taxes (6) Bonds (7) Long-term borrowings | \$ | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 90,098 106,730 360,393 1,009,280 | \$ | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 90,197 106,730 361,609 1,011,470 | \$ | 1,928 1,928 1,928 - - 342 99 - 1,216 2,190 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings (4) Current portion of bonds (5) Accrued income taxes (6) Bonds | | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 90,098 106,730 360,393 | | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 90,197 106,730 361,609 | | 1,928 1,928 1,928 - - - 342 99 - 1,216 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings (4) Current portion of bonds (5) Accrued income taxes (6) Bonds (7) Long-term borrowings | \$ | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 90,098 106,730 360,393 1,009,280 | \$ | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 90,197 106,730 361,609 1,011,470 | \$ | 1,928 1,928 1,928 - - - 342 99 - 1,216 2,190 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings (4) Current portion of bonds (5) Accrued income taxes (6) Bonds (7) Long-term borrowings Total liabilities | \$ | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 90,098 106,730 360,393 1,009,280 | \$ | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 90,197 106,730 361,609 1,011,470 | \$ | 1,928 1,928 1,928 - - - 342 99 - 1,216 2,190 |
| (5) Long-term loans Less allowance for doubtful accounts *1 Total assets (1) Trade payables (2) Short-term borrowings (3) Current portion of long-term borrowings (4) Current portion of bonds (5) Accrued income taxes (6) Bonds (7) Long-term borrowings Total liabilities Derivative transactions *2 | \$ | 369,754 183,485 415,983 (3,838) 412,145 3,899,134 1,720,479 31,850 351,942 90,098 106,730 360,393 1,009,280 3,670,772 | \$ | 369,754 183,485 414,073 3,901,062 1,720,479 31,850 352,284 90,197 106,730 361,609 1,011,470 3,674,619 | \$ | 1,928 1,928 1,928 - - - 342 99 - 1,216 2,190 |

^{*1} Allowance for doubtful accounts is deducted from each account.

(note 1) Articles concerning calculation method of fair value, marketable securities and derivative transactions.

Assets

(1) Cash and time deposits, (3) Short-term loans

Fair value of these accounts is stated at the book value because these accounts are settled in the short term, so they are considered to be close to the balance sheet amounts.

(2) Trade receivables

Fair value of these accounts is stated at the present value discounted over the maturity term of each receivable divided into certain classified term.

(4) Investment securities

Fair value of these accounts is based on available market price. (Please see 2. Marketable Securities and Investment Securities)

(5) Long-term loans

Fair value of these accounts is stated at the present value using future cash flows discounted by the premium added rate on the appropriate index like yield on government bonds.

Liabilities

- (1) Trade payables, (5) Accrued income taxes
- Fair value of these accounts is stated at book value because these accounts are settled in the short term, so they are considered to be close to the balance sheet amounts.
- (2) Short-term borrowings, (3) Current portion of long-term borrowings, (7) Long-term borrowings
- Fair value of borrowings at fixed interest rates is calculated using the total amount of the principal and interest discounted by the interest rate on condition that the borrowing is newly executed at the date of fair value evaluation.
- Fair value of borrowings at variable interest rates is stated at balance sheet amounts because variable interest rates reflects the latest market conditions and the Company's credit standings is considered to be almost same as when funds were borrowed, so fair value is considered to be close to the balance sheet amounts.
- Some borrowings at variable interest rates are subjected to exceptional treatment of interest swaps or batch treatment of interest rate and currency swaps that fulfill special treatment requirements. Those fair values are calculated using the total amount of the principal and interest as accounted for as a single item with those swaps, discounted by the reasonably estimated interest rates which would be applied if a similar borrowing were executed.
- (4) Current portion of bonds, (6) Bonds

These fair values consist of both the fair value based on fair market value and the present value using the total of the principal and interest discounted by a risk-free interest rate over the remaining term of each bond.

Derivative transactions

Please refer to "20. Derivative Transactions."

(note 2) Financial instruments in which the fair value is considered to be extremely difficult to recognize are as follows.

| | | Japanese Y | U.S.Dollars (thousands) Book value | | | | |
|--------------------------------|---|------------|-------------------------------------|--------|------|---------|--|
| | | Book | | | | | |
| | | 2019 | | 2018 | 2019 | | |
| (1) Unlisted equity securities | ¥ | 62,636 | ¥ | 59,684 | \$ | 564,339 | |
| (2) Trust property | | 211 | | 207 | | 1,901 | |
| Total | ¥ | 62,847 | ¥ | 59,891 | \$ | 566,240 | |

As to these financial instruments, there's no available fair market price and it is considered to cost a great deal to estimate future cash flows. So these financial instruments are not included in investment securities because it is considered to be extremely difficult to recognize fair value.

(note 3) The expected redemption amount of monetary credit and securities with maturity after the fiscal years ended March 31, 2019 and 2018 were as follows.

| | | | | Japanese Y | en (millio | ns) | | 0 | | | | | |
|------------------------|---|-------------|---|-----------------------------|---|--------|---|--------|--|--|--|--|--|
| 2019 | | in one year | | ne year but ı five years | Over five years but within ten years | | Over ten years | | | | | | |
| Cash and time deposits | ¥ | 100,789 | ¥ | - | ¥ | - | ¥ | - | | | | | |
| Trade receivables | | 225,743 | *************************************** | 22 | | - | *************************************** | - | | | | | |
| Short-term loans | | 41,039 | | - | | - | | - | | | | | |
| Long-term loans | *************************************** | - | *************************************** | 4,111 | *************************************** | 14,952 | *************************************** | 27,107 | | | | | |
| Total | ¥ | 367,571 | ¥ | 4,133 | ¥ | 14,952 | ¥ | 27,107 | | | | | |

| | | | | Japanese Y | en (millio | ns) | | | | | | | |
|------------------------|---|-------------|--------|-----------------------------|-----------------|------------------------------|-----|-----------|--|--|--|--|--|
| 2018 | | in one year | Over o | ne year but n five years | Over f withi | ive years but n ten years | Ove | ten years | | | | | |
| Cash and time deposits | ¥ | 93,628 | ¥ | - | ¥ | - | ¥ | - | | | | | |
| Trade receivables | | 242,753 | | 1,009 | | 6 | | - | | | | | |
| Short-term loans | | 47,227 | | - | | - | | - | | | | | |
| Long-term loans | | 4 | | 6,223 | | 15,224 | | 19,929 | | | | | |
| Total | ¥ | 383,612 | ¥ | 7,232 | ¥ | 15,230 | ¥ | 19,929 | | | | | |
| | | | | | | | | | | | | | |

| | | U.S. Dollars (thousands) | | | | | | | | |
|------------------------|-----|--------------------------|--------|-----------------------------|-----------------|-------------------------------|---|--------------|--|--|
| 2019 | Wit | hin one year | Over o | ne year but n five years | Over f withi | ive years but in ten years | Ove | er ten years | | |
| Cash and time deposits | \$ | 908,091 | \$ | - | \$ | - | \$ | - | | |
| Trade receivables | | 2,033,904 | | 198 | | - | *************************************** | - | | |
| Short-term loans | | 369,754 | | - | | - | | - | | |
| Long-term loans | | - | | 37,040 | | 134,715 | | 244,228 | | |
| Total | \$ | 3,311,749 | \$ | 37,238 | \$ | 134,715 | \$ | 244,228 | | |

^{*2} Net credit or debt arising from derivative transactions is indicated by the offset amount and which is indicated as () in case of the offset amount is debt.

(note 4) The expected redemption amount of bonds and borrowings after the fiscal years ended March 31, 2019 and 2018 were as follows.

| | | | | | | Japanese Y | en (mill | ions) | | | | |
|-----------------------|-------|------------|---|-----------------------------|---|-----------------------------|----------|--------------------------------|---|--------------------------------|------|------------|
| 2019 | Withi | n one year | | one year but n two years | | wo years but three years | | nree years but n four years | | our years but in five years | Over | five years |
| Short-term borrowings | ¥ | 3,535 | ¥ | - | ¥ | - | ¥ | - | ¥ | - | ¥ | - |
| Bonds | | 10,000 | | 5,000 | | 15,000 | | 15,000 | | 5,000 | | - |
| Long-term borrowings | | 39,062 | | 44,367 | | 23,073 | | 19,578 | | 10,987 | | 14,015 |
| Total | ¥ | 52,597 | ¥ | 49,367 | ¥ | 38,073 | ¥ | 34,578 | ¥ | 15,987 | ¥ | 14,015 |

| | | | | | | Japanese Y | en (mill | ions) | | | | |
|-----------------------|------|-------------|--------|-----------------------------|--------|-----------------------------|----------|--------------------------------|---|--------------------------------|------|--------------|
| 2018 | With | in one year | Over o | one year but n two years | Over t | wo years but three years | | nree years but n four years | | our years but in five years | Over | r five years |
| Short-term borrowings | ¥ | 11,703 | ¥ | - | ¥ | - | ¥ | - | ¥ | - | ¥ | - |
| Bonds | | - | | 10,000 | | 5,000 | | 15,000 | | 15,000 | | 5,000 |
| Long-term borrowings | | 62,925 | | 36,115 | | 42,908 | | 21,762 | | 19,395 | | 10,469 |
| Total | ¥ | 74,628 | ¥ | 46,115 | ¥ | 47,908 | ¥ | 36,762 | ¥ | 34,395 | ¥ | 15,469 |

| | | | | | | U.S. Dollars | (thous | ands) | | | | |
|-----------------------|------|--------------|--------------|------------------------------|---|--------------------------------|--------|---------------------------------|--------------|----------------------------------|-----|---------------|
| 2019 | With | nin one year | Over with | one year but in two years | Over withi | two years but n three years | Over t | hree years but in four years | Over with | four years but nin five years | Ove | er five years |
| Short-term borrowings | \$ | 31,850 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Bonds | | 90,098 | | 45,049 | | 135,147 | | 135,148 | | 45,049 | | - |
| Long-term borrowings | - | 351,942 | | 399,739 | *************************************** | 207,884 | | 176,394 | | 98,991 | | 126,272 |
| Total | \$ | 473,890 | \$ | 444,788 | \$ | 343,031 | \$ | 311,542 | \$ | 144,040 | \$ | 126,272 |

20. Derivative Transactions

Derivative transactions of the Group for market value information as of March 31, 2019 and 2018 were as follows:

(a) Derivative transactions for which hedge accounting has not been applied

| | | | | Japanese Y | en (millior | ns) | | |
|---|---|------------|---|---------------|---|----------|---|----------------|
| 2019 | | Contrac | t amount | | | | 1115 | |
| | | Total | Due a | fter one year | Fa | ir value | Unrealize | ed gain (loss) |
| Currency related derivatives | | | | | | | | |
| Market trades | | •••••••••• | | | *************************************** | | *************************************** | |
| Forward contracts | *************************************** | | *************************************** | | *************************************** | | *************************************** | |
| To buy U.S. Dollars | ¥ | 1,326 | ¥ | - | ¥ | (5) | ¥ | (5) |
| To sell U.S. Dollars | *************************************** | 3,574 | *************************************** | - | *************************************** | 8 | *************************************** | 8 |
| Off-market trades | | • | | | *************************************** | | | |
| Forward contracts | *************************************** | | *************************************** | | *************************************** | | *************************************** | |
| To buy U.S. Dollars | ¥ | 2,440 | ¥ | 3 | ¥ | 24 | ¥ | 24 |
| Japanese Yen | | 61 | *************************************** | - | *************************************** | 2 | *************************************** | 2 |
| Swiss Franc | | 30 | | - | *************************************** | 2 | *************************************** | 2 |
| To sell U.S. Dollars | | 23,790 | | - | | 229 | | 229 |
| Currency swap | | | | | *************************************** | | *************************************** | |
| To receive Japanese Yen, pay U.S. Dollars | ¥ | 17,913 | ¥ | 14,801 | ¥ | 2,202 | ¥ | 2,202 |
| | ¥ | 49,134 | ¥ | 14,804 | ¥ | 2,462 | ¥ | 2,462 |

| | | | | Japanese Y | 'en (millior | rs) | | |
|---|---|---------|----------|---------------|--------------|----------|----------|----------------|
| 2018 | | Contrac | t amount | | | | 11 | |
| | | Total | Due at | fter one year | Fa | ir value | Unrealiz | ed gain (loss) |
| Currency related derivatives | | | | | | | | |
| Market trades | | | | | | | | |
| Forward contracts | | | | | | | | |
| To buy U.S. Dollars | ¥ | 2 | ¥ | - | ¥ | 0 | ¥ | 0 |
| Off-market trades | | | | | | | | |
| Forward contracts | | | | | | | | |
| To buy U.S. Dollars | ¥ | 1,768 | ¥ | - | ¥ | 98 | ¥ | 98 |
| Swiss Franc | | 184 | | - | | (3) | | (3) |
| Chinese Yuan | | 302 | | - | | 5 | | 5 |
| To sell U.S. Dollars | | 6,355 | | - | | 12 | | 12 |
| Currency swap | | | | | | | | |
| To receive Japanese Yen, pay U.S. Dollars | ¥ | 21,025 | ¥ | 17,913 | ¥ | 2,439 | ¥ | 2,439 |
| | ¥ | 29,636 | ¥ | 17,913 | ¥ | 2,551 | ¥ | 2,551 |

| | | | | U.S. Dollars | (thousar | nds) | | |
|---|----|---------|---|---------------|---|-----------|---|-----------------|
| 2019 | | Contrac | t amount | : | | | 1119 | |
| | | Total | Due a | fter one year | F | air value | Unrealiz | zed gain (loss) |
| Currency related derivatives | | | | | | | | |
| Market trades | | | | | | | *************************************** | |
| Forward contracts | | | *************************************** | | *************************************** | | *************************************** | |
| To buy U.S. Dollars | \$ | 11,947 | \$ | - | \$ | (45) | \$ | (45) |
| To sell U.S. Dollars | | 32,201 | *************************************** | - | *************************************** | 72 | *************************************** | 72 |
| Off-market trades | - | | | | | | | |
| Forward contracts | | | | | | | | |
| To buy U.S. Dollars | \$ | 21,984 | \$ | 27 | \$ | 216 | \$ | 216 |
| Japanese Yen | | 550 | | - | | 18 | | 18 |
| Swiss Franc | | 270 | | - | | 18 | | 18 |
| To sell U.S. Dollars | - | 214,344 | | - | | 2,063 | | 2,063 |
| Currency swap | - | | | | | | | |
| To receive Japanese Yen, pay U.S. Dollars | \$ | 161,393 | \$ | 133,354 | \$ | 19,840 | \$ | 19,840 |
| | \$ | 442,689 | \$ | 133,381 | \$ | 22,182 | \$ | 22,182 |

(b) Derivative transactions for which hedge accounting has been applied

| • | | | | | | | |
|--|----------------------|---|--------|---------|----------------|---|---------|
| | | | J | apanes | e Yen (million | ıs) | |
| 2019 | Hedged items | | Contra | ct amou | unt | Ea: | r value |
| | neagea items | | Total | Due a | fter one year | Fai | r value |
| Deferral hedge accounting | | | | | | | |
| Currency related derivatives | | | | | | | |
| Forward contracts | | | | | | | |
| To buy U.S. Dollars | Trade payables | ¥ | 4,735 | ¥ | 2,555 | ¥ | 638 |
| Euro | | | 12,358 | | 843 | | (126) |
| STG Pounds | | | 2,162 | | 1,141 | | (73) |
| Indonesian Rupiah | | | 21,828 | | 2,326 | | (421) |
| Singapore Dollars | | | 1,854 | | 539 | | (39) |
| Swiss Franc | | | 21 | - | - | | 0 |
| To sell U.S. Dollars | Trade receivables | | 26,264 | | 1,062 | | (223) |
| STG Pounds | | | 12,208 | - | 6,744 | | 600 |
| | | ¥ | 81,430 | ¥ | 15,210 | ¥ | 356 |
| Interest swap | | ************ | | | | | |
| Basic treatment: To receive float, pay fix | Long-term borrowings | ¥ | 17,588 | ¥ | 14,648 | ¥ | (634) |
| Exceptional treatment *2: To receive float, pay fix | Long-term borrowings | *************************************** | 37,979 | | 27,233 | | - |
| Interest rate and currency swap | | *************************************** | | | | | |
| Batch treatment *2: | | *************************************** | | | | *************************************** | |
| To receive float, pay fix To receive U.S. Dollars, pay Japanese Yen | Long-term borrowings | | 3,929 | - | 1,964 | | - |
| | | ¥ | 59,496 | ¥ | 43,845 | ¥ | (634) |
| | | | | | | | |

| | | | Ja | apanes | e Yen (millior | ns) | |
|---|--|---|---------|---|----------------|---|-----------|
| 2018 | Hedged items | | Contrac | | | Fa | ir value |
| | | | Total | Due a | after one year | | iii valae |
| Deferral hedge accounting | ······ | | | | | | |
| Currency related derivatives | | | | | | | |
| Forward contracts | | | | | | | |
| To buy U.S. Dollars | Trade payables | ¥ | 7,777 | ¥ | 3,109 | ¥ | 377 |
| Euro | | | 7,764 | | 275 | | (39) |
| STG Pounds | | | 3,354 | | 1,919 | | (99) |
| Indonesian Rupiah | ······ | | 13,322 | | 3,557 | | (679) |
| Singapore Dollars | | | 568 | | - | | 21 |
| To sell U.S. Dollars | Trade receivables | *************************************** | 35,302 | | 3,557 | | 1,446 |
| STG Pounds | | | 14,085 | | 8,004 | | 958 |
| Mauritian Rupee | | | 52 | | - | | (0) |
| Alternative method *1 | | *************************************** | | | - | *************************************** | |
| Currency related derivatives | | *************************************** | | | | | |
| Forward contracts | | *********** | | | | *************************************** | |
| To sell U.S. Dollars | Loan receivables | | 920 | | _ | | - |
| | | ¥ | 83,144 | ¥ | 20,421 | ¥ | 1,985 |
| Interest swap | | | | = == | | | ., |
| Basic treatment: To receive float, pay fix | Long-term borrowings | ¥ | 20,601 | ¥ | 17,661 | ¥ | (1,066) |
| Exceptional treatment *2: | | | | | | | |
| To receive float, pay fix | Long-term borrowings | | 45,459 | | 26,089 | | - |
| Interest rate and currency swap | | | | | | | |
| Batch treatment *2: | | | | | | | |
| To receive float, pay fix; | Long-term borrowings | | 5,893 | | 3,929 | | |
| To receive U.S. Dollars, pay Japanese Yen | | | 3,073 | | | | |
| | | ¥ | 71,953 | ¥ | 47,679 | ¥ | (1,066) |
| | | | U | S. Doll | ars (thousand | ds) | |
| 2019 | | | Contrac | | | | |
| | Hedged items | | Total | | fter one year | Fa | ir value |
| Deferral hedge accounting | | | | | | | |
| Currency related derivatives | | ************ | | | | | |
| Forward contracts | | ************ | | | | | |
| To buy U.S. Dollars | Trade payables | \$ | 42,662 | \$ | 23,020 | \$ | 5,748 |
| Euro | | | 111,344 | - | 7,595 | | (1,135) |
| STG Pounds | | *************************************** | 19,479 | | 10,280 | | (658) |
| Indonesian Rupiah | | | 196,666 | | 20,957 | | (3,793) |
| Singapore Dollars | ······· | ************ | 16,704 | • | 4,856 | *************************************** | (352) |
| Swiss Franc | | | 189 | | - | | 0 |
| | ······································ | ************ | | • | - | *************************************** | |
| To sell U.S. Dollars | Trade receivables | | 236,634 | | 9,569 | | (2,009) |
| STG Pounds | | *********** | 109,992 | | 60,762 | *************************************** | 5,406 |
| | | \$ | 733,670 | \$ | 137,039 | \$ | 3,207 |
| Interest swap | | | | | | | |
| Basic treatment: | Long-term borrowings | \$ | 158,465 | \$ | 131,976 | \$ | (5,712) |
| To receive float, pay fix Exceptional treatment *2: | | | 0.40 | - | | | |
| To receive float, pay fix | Long-term borrowings | | 342,184 | - | 245,365 | | - |
| Interest rate and currency swap | | | | | | | |
| Batch treatment *2: | | | | | | | |
| To receive float, pay fix; To receive U.S. Dollars, pay Japanese Yen | Long-term borrowings | | 35,399 | | 17,695 | | - |
| To receive 0.5. Dollars, pay Japanese Ten | | | | | | | |

^{*}¹ When certain conditions are met, translation of foreign currency receivables is based on yen amount fixed by forward contract. The fair value is included in that of the hedged items (trade payables or loan receivables), which is shown in "19. Financial Instruments."

\$ 536,048 \$ 395,036 \$ (5,712)

21. Segment Information

(a) Overview of Reportable Segment

Reportable Segment is composed of the segment by products and services belonging to the operating companies and subject to be reviewed periodically by the Board of Directors to decide the allocation of management resources and to evaluate the performance.

Under the Company (a pure holding company), the Group develops the operation with each operating company making strategies of its products

Under the Company (a pure holding company), the Group develops the operation with each operating company making strategies of its products and services in both Japan and abroad comprehensively.

Reportable Segment is classified into 4 segments: Ship, Ocean Development, Machinery and Engineering. Main products and services of each Reportable Segment are as follows.

Ship: commercial ships, naval ships, high speed passenger/vehicle ferries, offshore structures, underwater TV vehicles, steel structures

Ocean Development: FPSOs (floating production storage offloading vessels)

Machinery: marine and stationary diesel engines, marine equipment, gas engines, steam turbines, blowers, process compressors, gas turbines, cogeneration system, regulating system, container cranes, industrial cranes, container terminal management systems, HWM manipulators, equipment of radar sensing for underground and construction, bridges, port structures, induction heaters

Engineering: renewable energy power generation plants, power generation business, overseas civil works, chemical plants, waste treatment plants, water treatment plants, resources recycling plants, PCB disposal plants

(b) Calculation method used for Sales, Operating income and loss, Assets, Liabilities and other items for each Reportable Segment

The accounting method used for Reportable Segment is almost same as the method stated in "Significant Accounting and Reporting Policies." Operating income and loss in Reportable Segment is based on the one in Consolidated Statements of Operations.

Inter segment profit and transfer are based on the market price.

Change in Calculation method used for Operating income and loss, Assets and other items for each Reportable Segment:

From the year ended March 31, 2019, accompanying the transition to a holding company structure, the basis of allocation of Corporate assets has been revised.

As a result of this change, segment assets as of March 31, 2019 have increased by ¥126 million (\$1,135 thousand) for "Machinery" and by ¥9,912 million (\$89,305 thousand) for "Adjustments", and have decreased by ¥7,215 million (\$65,005 thousand) for "Ship" and by ¥2,823 million (\$25,435 thousand) for "Others", compared with the previous method. Also, segment operating income for the year ended March 31, 2019 has increased by ¥30 million (\$270 thousand) for "Others" and decreased by ¥71 million (\$639 thousand) for "Machinery", and segment operating loss has improved by ¥40 million (\$360 thousand) for "Ship", compared with the previous method.

Segment information for the year ended March 31, 2018 has been restated to reflect the changes.

(c) Changes in Reportable Segments

From the year ended March 31, 2019, due to the change in administrative jurisdiction accompanying the transition to a holding company structure, Burmeister & Wain Scandinavian Contractor A/S, which previously classified as "Engineering" and carries on Stationary diesel power generation plants, was changed into "Others".

Segment information for the year ended March 31, 2018 has been restated to reflect the changes.

(d) Information about Sales, Operating income and loss, Assets, Liabilities and other items for each Reportable Segment Reportable Segment information for the years ended March 31, 2019 and 2018 were as follows:

| | | | | | | | | Japa | nes | e Yen (mil | lior | ns) | | | | | | |
|---|---|---------|----|---------------------|---|-----------|----|-----------|-----|------------|------|---------|---|----------|----|------------|----|------------|
| 2019 | | Ship | De | Ocean evelopment | Ν | Machinery | En | gineering | S | iub total | | Others | | Total | Ac | ljustments | Со | nsolidated |
| Net Sales: | | | | | | | | | | | | | | | | | | |
| Outside customers | ¥ | 96,880 | ¥ | 222,458 | ¥ | 186,935 | ¥ | 68,973 | ¥ | 575,246 | ¥ | 81,258 | ¥ | 656,504 | ¥ | - | ¥ | 656,504 |
| Inter segment | | 4,619 | | - | | 9,102 | | 562 | | 14,283 | | 9,147 | | 23,430 | | (23,430) | | - |
| Total | | 101,499 | | 222,458 | Т | 196,037 | | 69,535 | | 589,529 | | 90,405 | | 679,934 | | (23,430) | | 656,504 |
| Operating income (loss) | ¥ | (8,112) | ¥ | 14,895 | ¥ | 10,212 | ¥ | (79,671) | ¥ | (62,676) | ¥ | 2,973 | ¥ | (59,703) | ¥ | _ | ¥ | (59,703) |
| Assets | ¥ | 109,078 | ¥ | 293,215 | ¥ | 179,678 | ¥ | 38,854 | ¥ | 620,825 | ¥ | 260,473 | ¥ | 881,298 | ¥ | 117,803 | ¥ | 999,101 |
| Depreciation and amortization | ¥ | 3,351 | ¥ | 2,084 | ¥ | 4,335 | ¥ | 728 | ¥ | 10,498 | ¥ | 3,420 | ¥ | 13,918 | ¥ | 578 | ¥ | 14,496 |
| Amortization of goodwill | ¥ | 841 | ¥ | 258 | ¥ | - | ¥ | 22 | ¥ | 1,121 | ¥ | 56 | ¥ | 1,177 | ¥ | - | ¥ | 1,177 |
| Year-end balance of goodwill | ¥ | 9,563 | ¥ | 1,790 | ¥ | - | ¥ | 112 | ¥ | 11,465 | ¥ | 151 | ¥ | 11,616 | ¥ | - | ¥ | 11,616 |
| Loss on impairment of non-current assets | ¥ | 6,218 | ¥ | - | ¥ | 29 | ¥ | 556 | ¥ | 6,803 | ¥ | 195 | ¥ | 6,998 | ¥ | 17 | ¥ | 7,015 |
| Increase in property, plant and equipment and intangible assets | ¥ | 2,621 | ¥ | 3,150 | ¥ | 6,674 | ¥ | 703 | ¥ | 13,148 | ¥ | 6,073 | ¥ | 19,221 | ¥ | (366) | ¥ | 18,855 |

⁽note 1) "Others" is the segment which is not included in Reportable Segment and includes Stationary diesel power generation plants, Transport equipment related business, Systems development, Real estate lease business and others.

(note 2) Adjustments are as follows:

- (1) Adjustments of ¥117,803 million recorded for assets include primarily comprised of surplus funds (cash and time deposits), long-term investment (investment securities) and assets related to the administration divisions of the Company of ¥125,295 million that are not allocated to any Reportable Segment.
- (2) Adjustments of ¥578 million recorded for depreciation and amortization include depreciation for property, plant and equipment, and amortization for intangible assets related to the administration divisions of ¥587 million.

^{*2} As interest swap subject to exceptional treatment of interest swap and batch treatment of interest swap are accounted for as a single item with underlying long-term borrowings, which are hedged items, their fair value is included in that of long-term borrowings.

- (3) Adjustments of ¥17 million recorded for loss on impairment of non-current assets are the impairment loss for Corporate.
- (4) Adjustments of ¥(366) million recorded for increase in property, plant and equipment and intangible assets result from the reclassification of a part of assets, which used to be classified as the assets related to the administration divisions, to Reportable Segments. Regarding the revision of the basis of allocation of Corporate assets, please refer to "(b) Calculation method used for Sales, Operating income and loss, Assets, Liabilities and other items for each Reportable Segment".
- (note 3) Operating income (loss) is adjusted with operating loss in Consolidated Statements of Operations.

| | | | | | | | | Japa | nes | e Yen (mil | lion | ıs) | | | | | | |
|---|------------|----------|----|---------------------|---|-----------|----|------------|-----|------------|------|---------|---|---------|----|------------|----|------------|
| 2018 | | Ship | De | Ocean evelopment | N | 1achinery | Er | ngineering | S | ub total | | Others | | Total | Ac | ljustments | Со | nsolidated |
| Net Sales: | | | | | | | | | | | | | | | | | | |
| Outside customers | ¥ | 112,473 | ¥ | 191,182 | ¥ | 181,734 | ¥ | 127,645 | ¥ | 613,034 | ¥ | 90,183 | ¥ | 703,217 | ¥ | - | ¥ | 703,217 |
| Inter segment | | 2,735 | | - | | 7,355 | | 237 | | 10,327 | | 987 | | 11,314 | | (11,314) | | - |
| Total | | 115,208 | | 191,182 | | 189,089 | | 127,882 | | 623,361 | | 91,170 | | 714,531 | | (11,314) | | 703,217 |
| Operating income (loss) | ¥ | (15,229) | ¥ | 11,321 | ¥ | 11,331 | ¥ | (15,775) | ¥ | (8,352) | ¥ | 3,127 | ¥ | (5,225) | ¥ | - | ¥ | (5,225) |
| Assets | = <u>¥</u> | 131,056 | ¥ | 299,067 | ¥ | 169,687 | ¥ | 58,933 | ¥ | 658,743 | ¥ | 253,394 | ¥ | 912,137 | ¥ | 117,086 | ¥1 | 1,029,223 |
| Depreciation and amortization | ¥ | 3,849 | ¥ | 4,674 | ¥ | 3,927 | ¥ | 1,134 | ¥ | 13,584 | ¥ | 3,149 | ¥ | 16,733 | ¥ | 463 | ¥ | 17,196 |
| Amortization of goodwill | ¥ | 882 | ¥ | 260 | ¥ | 31 | ¥ | 9 | ¥ | 1,182 | ¥ | 60 | ¥ | 1,242 | ¥ | - | ¥ | 1,242 |
| Year-end balance of goodwill | ¥ | 11,907 | ¥ | 2,069 | ¥ | - | ¥ | 88 | ¥ | 14,064 | ¥ | 197 | ¥ | 14,261 | ¥ | - | ¥ | 14,261 |
| Loss on impairment of non-current assets | ¥ | 1,583 | ¥ | - | ¥ | 28 | ¥ | 1,984 | ¥ | 3,595 | ¥ | 77 | ¥ | 3,672 | ¥ | 0 | ¥ | 3,672 |
| Increase in property, plant and equipment and intangible assets | ¥ | 2,548 | ¥ | 3,125 | ¥ | 5,090 | ¥ | 293 | ¥ | 11,056 | ¥ | 2,189 | ¥ | 13,245 | ¥ | 917 | ¥ | 14,162 |

(note 1) "Others" is the segment which is not included in Reportable Segment and includes Stationary diesel power generation plants, Transport equipment related business, Systems development, Real estate lease business and others.

(note 2) Adjustments are as follows:

- (1) Adjustments of ¥117,086 million recorded for assets include primarily comprised of surplus funds (cash and time deposits), long-term investment (investment securities) and assets related to the administration divisions of the Company of ¥118,649 million that are not allocated to any Reportable Segment.
- (2) Adjustments of ¥463 million recorded for depreciation and amortization include depreciation for property, plant and equipment, and amortization for intangible assets related to the administration divisions of ¥463 million.
- (3) Adjustments of ¥0 million recorded for loss on impairment of non-current assets are the impairment loss for Corporate.
- (4) Adjustments of ¥917 million recorded for increase in property, plant and equipment and intangible assets include increase in assets related to the administration divisions.
- (note 3) Operating income (loss) is adjusted with operating loss in Consolidated Statements of Operations.

| | | | | | | | U.S. [| Doll | ars (thous | anc | ls) | | | | | | |
|---|----------------|-----|--------------------|-----|----------|----|-----------|------|------------|-----|-----------|-----|-----------|-----|----------|-----|------------|
| 2019 | Ship | | Ocean relopment | М | achinery | En | gineering | S | ub total | | Others | | Total | Adj | ustments | Co | nsolidated |
| Net Sales: | | | | | | | | | | | | | | | | | |
| Outside customers | \$ 872,871 | \$2 | ,004,307 | \$1 | ,684,251 | \$ | 621,434 | \$5 | ,182,863 | \$ | 732,120 | \$5 | 5,914,983 | \$ | - | \$5 | 5,914,983 |
| Inter segment | 41,616 | | - | | 82,007 | | 5,064 | | 128,687 | | 82,413 | | 211,100 | (| 211,100) | | - |
| Total | 914,487 | 2 | ,004,307 | 1, | ,766,258 | | 626,498 | 5 | ,311,550 | | 814,533 | 6 | ,126,083 | (| 211,100) | 5 | ,914,983 |
| Operating income (loss) | \$ (73,087) | \$ | 134,201 | \$ | 92,008 | \$ | (717,821) | \$ | (564,699) | \$ | 26,786 | \$ | (537,913) | \$ | - | \$ | (537,913) |
| Assets | \$ 982,773 | \$2 | ,641,815 | \$1 | ,618,866 | \$ | 350,068 | \$5 | 5,593,522 | \$2 | 2,346,815 | \$7 | 7,940,337 | \$1 | ,061,384 | \$9 | 7,001,721 |
| Depreciation and amortization | \$ 30,192 | \$ | 18,776 | \$ | 39,058 | \$ | 6,559 | \$ | 94,585 | \$ | 30,814 | \$ | 125,399 | \$ | 5,207 | \$ | 130,606 |
| Amortization of goodwill | \$ 7,577 | \$ | 2,325 | \$ | - | \$ | 198 | \$ | 10,100 | \$ | 505 | \$ | 10,605 | \$ | - | \$ | 10,605 |
| Year-end balance of goodwill | \$ 86,161 | \$ | 16,128 | \$ | - | \$ | 1,009 | \$ | 103,298 | \$ | 1,360 | \$ | 104,658 | \$ | - | \$ | 104,658 |
| Loss on impairment of non-current assets | \$ 56,023 | \$ | - | \$ | 261 | \$ | 5,010 | \$ | 61,294 | \$ | 1,757 | \$ | 63,051 | \$ | 153 | \$ | 63,204 |
| Increase in property, plant and equipment and intangible assets | \$ 23,615 | \$ | 28,381 | \$ | 60,131 | \$ | 6,334 | \$ | 118,461 | \$ | 54,717 | \$ | 173,178 | \$ | (3,298) | \$ | 169,880 |

(note 1) "Others" is the segment which is not included in Reportable Segment and includes Stationary diesel power generation plants, Transport equipment related business, Systems development, Real estate lease business and others.

(note 2) Adjustments are as follows:

28

- (1) Adjustments of \$1,061,384 thousand recorded for assets include primarily comprised of surplus funds (cash and time deposits), long-term investment (investment securities) and assets related to the administration divisions of the Company of \$1,128,885 thousand that are not allocated to any Reportable Segment.
- (2) Adjustments of \$5,207 thousand recorded for depreciation and amortization include depreciation for property, plant and equipment, and amortization for intangible assets related to the administration divisions of \$5,289 thousand.
- (3) Adjustments of \$153 thousand recorded for loss on impairment of non-current assets are the impairment loss for Corporate.
- (4) Adjustments of \$(3,298) thousand recorded for increase in property, plant and equipment and intangible assets result from the reclassification of a part of assets, which used to be classified as the assets related to the administration divisions, to Reportable Segments. Regarding the revision of the basis of allocation of Corporate assets, please refer to "(b) Calculation method used for Sales, Operating income and loss, Assets, Liabilities and other items for each Reportable Segment".

(note 3) Operating income (loss) is adjusted with operating loss in Consolidated Statements of Operations.

[Related information]

(d) Information by products and services

Information by products and services is the same as Reportable Segment and the description is omitted.

(e) Information by geographical area

1) Sales

| 2010 | | | | Ja | panes | e Yen (millio | ns) | | | |
|-----------|---|---------|---|---------|-------|---------------|-----|---------|---|---------|
| 2019 | | Japan | | Brazil | | Africa | | Others | | Total |
| Net sales | ¥ | 280,294 | ¥ | 143,723 | ¥ | 84,934 | ¥ | 147,553 | ¥ | 656,504 |
| | | | | | | | | | | |

| 2018 | | Japanese Yen (millions) | | | | | | | | | | |
|-----------|---|-------------------------|---|--------|------|--------|--------|--------|--------|---------|-------|---------|
| | | Japan | | Brazil | Asia | | Africa | | Others | | Total | |
| Net sales | ¥ | 287,826 | ¥ | 90,970 | ¥ | 89,073 | ¥ | 81,702 | ¥ | 153,646 | ¥ | 703,217 |

| 2010 | U.S. Dollars (thousands) | | | | | | | | |
|-----------|--------------------------|--------------|------------|--------------|--------------|--|--|--|--|
| 2019 | Japan | Brazil | Africa | Others | Total | | | | |
| Net sales | \$ 2,525,399 | \$ 1,294,918 | \$ 765,240 | \$ 1,329,426 | \$ 5,914,983 | | | | |

^{*}Sales amount is based on the place of customer and classified by country or geographical area.

2) Property, plant and equipment

| 2019 | Japanese Yen (millions) | | | | | | | | |
|-------------------------------|-------------------------|-------------|--------|-------------------------|-----|---------|--|--|--|
| 2019 | | Japan | Others | Total | | | | | |
| Property, plant and equipment | ¥ | 324,066 | ¥ | 17,974 | ¥ | 342,040 | | | |
| | | | | | | | | | |
| 2018 | | Ja | panese | e Yen (millio | ns) | | | | |
| 2018 | | Ja Japan | | e Yen (millio Others | ns) | Total | | | |

| 2019 | U.S. Dollars (thousands) | | | | | | |
|-------------------------------|--------------------------|----|---------|--------------|--|--|--|
| 2019 | Japan | (| Others | Total | | | |
| Property, plant and equipment | \$ 2,919,777 | \$ | 161,942 | \$ 3,081,719 | | | |

(f) Information by major customer

Information by major customer for both 2019 and 2018 is not described because there is no customer with the sales amount exceeds 10% of the sales amount in Consolidated Statements of Operations.

[Information about gain on bargain purchase for each Reportable Segment]

2019

Not applicable.

2018

Not applicable.

22. Investment and Rental Property

(a) Articles concerning situation of investment and rental property

The Company and certain Subsidiaries own rental office building, commercial facilities, and houses (including land) in Tokyo, Okayama and other areas. Idle land is also owned in Tokyo, Oita and other areas.

(b) Articles concerning fair value of investment and rental property

The book value of investment and rental properties stated in the consolidated balance sheets, the increase or decrease in this fiscal year, and fair value are shown below

| 2019 | | Japanese Yen (millions) | | | | | | | | | |
|----------------------|---|--|----|--------------|---------------|------------------------------|----------------------|-----------|--|--|--|
| 2019 | | | Во | ok value | | | Fair value | | | | |
| Usage | | Beginning balance as of April 1, 2018 | | e (Decrease) | Ending Mar | balance as of ch 31, 2019 | As of March 31, 2019 | | | | |
| Facilities for lease | ¥ | 99,138 | ¥ | 6,111 | ¥ | 105,249 | ¥ | 104,611 | | | |
| Idle assets (Land) | | 12,829 | | (3,236) | | 9,593 | | 20,943 | | | |
| Total | ¥ | ¥ 111,967 | | ¥ 2,875 | | ¥ 114,842 | | ¥ 125,554 | | | |

| | U.S. Dollars (thousands) | | | | | | | | | |
|----------------------|--|----|---------------------|----|--|------------|----------------|--|--|--|
| | | Вс | ook value | | | Fair value | | | | |
| Usage | Beginning balance as of April 1, 2018 | | Increase (Decrease) | | Ending balance as of March 31, 2019 | | March 31, 2019 | | | |
| Facilities for lease | \$ 893,216 | \$ | 55,059 | \$ | 948,275 | \$ | 942,526 | | | |
| Idle assets (Land) | 115,587 | | (29,156) | | 86,431 | | 188,693 | | | |
| Total | \$ 1,008,803 | \$ | 25,903 | \$ | 1,034,706 | \$ | 1,131,219 | | | |

- (note 1) Book value stated in the consolidated balance sheets is net of accumulated depreciation and accumulated impairment losses.
- (note 2) The increase in rental properties in this fiscal year is mainly due to new acquisitions (¥4,461 million/ \$40,193 thousand), and the decrease in rental properties is mainly due to depreciation (¥1,369 million/ \$12,334 thousand) and sales of rental properties (¥223 million/ \$2,009 thousand).
 - In addition, reclassification amounts (¥3,213 million/ \$28,949 thousand) are included both in the increase of rental properties and in the decrease of idle assets.
- (note 3) Fair value at the end of this fiscal year is mainly estimated based on the "Real estate appraising standard" with an adjustment using a certain indicator.

The profit and loss from investment and rental properties in this fiscal year are shown below.

| 2019 | | Japanese Yen (millions) | | | | | | | | | |
|----------------------|---|-------------------------|---|-------------|---|----------|--|-------|--|--|--|
| Usage | Ren | tal income | Renta | al expenses | Di | fference | Others (Profit or Loss on sales of assets, etc. | | | | |
| Facilities for lease | ¥ | 7,566 | ¥ | 4,247 | ¥ | 3,319 | ¥ | 1,075 | | | |
| Idle assets (Land) | *************************************** | - | *************************************** | - | *************************************** | - | * | (49) | | | |
| Total | ¥ | 7,566 | ¥ | 4,247 | ¥ | 3,319 | ¥ | 1,026 | | | |
| | | | | | | | | | | | |

| | | U.S. Dollars (thousands) | | | | | | | | | |
|----------------------|---|--------------------------|---|----------------|---|------------|---|-------|--|--|--|
| Usage | Re | ntal income | R | ental expenses | | Difference | Others (Profit or Loss on sales of assets, e | | | | |
| Facilities for lease | \$ | 68,168 | \$ | 38,265 | \$ | 29,903 | \$ | 9,685 | | | |
| Idle assets (Land) | *************************************** | - | *************************************** | - | *************************************** | - | | (441) | | | |
| Total | \$ | 68,168 | \$ | 38,265 | \$ | 29,903 | \$ | 9,244 | | | |

- (note 1) Rental expenses include depreciation, repair, insurance and taxes-and-dues. Rental income is recognized as revenue from operations, and rental expenses are recognized as operating expenses.
- (note 2) Others include gain/loss on disposal of non-current assets, loss on impairment of non-current assets and taxes-and-dues, which are recognized as other income (expenses).

| 2010 | | Japanese Yen (millions) | | | | | | | | |
|----------------------|---|--------------------------------|------------|--------------|----------------|------------------------------|---------|----------------|--|--|
| 2018 | | | Fair value | | | | | | | |
| Usage | | g balance as of ril 1, 2017 | Increas | e (Decrease) | Ending Marc | balance as of ch 31, 2018 | As of N | 1arch 31, 2018 | | |
| Facilities for lease | ¥ | 98,387 | ¥ | 751 | ¥ | 99,138 | ¥ | 97,546 | | |
| Idle assets (Land) | | 17,257 | | (4,428) | | 12,829 | | 13,087 | | |
| Total | ¥ | 115,644 | ¥ | (3,677) | ¥ | 111,967 | ¥ | 110,633 | | |

- (note 1) Book value stated in the consolidated balance sheets is net of accumulated depreciation and accumulated impairment losses.
- (note 2) The increase in rental properties in this fiscal year is mainly due to new acquisitions (¥1,019 million), and the decrease in rental properties is mainly due to sales of rental properties (¥3,242 million) and depreciation (¥1,296 million). In addition, reclassification amounts (¥4,325 million) are included both in the increase of rental properties and in the decrease of idle assets.
- (note 3) Fair value at the end of this fiscal year is mainly estimated based on the "Real estate appraising standard" with an adjustment using a certain indicator.

The profit and loss from investment and rental properties in this fiscal year are shown below.

| | | Japanese Yen (millions) | | | | | | | | | |
|----------------------|-----|-------------------------|---|--------------|---|-----------|--|-------|--|--|--|
| Usage | Ren | Rental income | | tal expenses | D | ifference | Others (Profit or Loss on sales of assets, etc. | | | | |
| Facilities for lease | ¥ | 7,697 | ¥ | 4,719 | ¥ | 2,978 | ¥ | 5,792 | | | |
| Idle assets (Land) | | - | | - | | - | | (21) | | | |
| Total | ¥ | 7,697 | ¥ | 4,719 | ¥ | 2,978 | ¥ | 5,771 | | | |

- (note 1) Rental expenses include depreciation, repair, insurance and taxes-and-dues. Rental income is recognized as revenue from operations, and rental expenses are recognized as operating expenses.
- (note 2) Others include gain/loss on disposal of non-current assets, loss on impairment of non-current assets and taxes-and-dues, which are recognized as other income (expenses).

23. Related Party Transactions

2019

Transactions between the Subsidiaries and related parties for the fiscal years ended March 31, 2019 and 2018 were as follows: Unconsolidated subsidiaries and affiliates of the Company

Japanese Yen (millions)

| | , capanese ten (minion) | | | | | | | | | |
|-----------|-------------------------|-------------------------------|------------------------|--------------------|-------------------|--------------------------|----------------------------------|-----------------------|---------------------|---|
| Category | Name of company | Address | Capital (thousands) | Business | Voting shares | Business relationship | Contents of transaction | Transaction amount | Account title | Outstanding balance at the year-end |
| | CARIOCA MV27 B.V. | Amsterdam, The Netherlands | EURO 169,420 | Charter of FPSO | Indirect 29.4% | Time Charter of FPSO | The equipment capital collection | 36,204 | Short-term loans | - |
| | | | USD | Charter of | Indirect | Time Charter | The equipment capital lending | 71,453 | Short-term loans | 40,098 |
| Affiliate | | | 206,138 | FPSO | 29.4% | of FPSO | The equipment capital collection | 31,869 | | |
| | SEPIA MV30 B.V. | Amsterdam, The Netherlands | USD 100 | Charter of FPSO | Indirect 29.4% | Time Charter of FPSO | Construction of FPSO | 47,129 | Receivable | 22,381 |
| | LIBRA MV31 B.V. | Amsterdam, The Netherlands | USD 100 | Charter of FPSO | Indirect 29.4% | Time Charter of FPSO | Construction of FPSO | 37,557 | Receivable | 25,483 |

| 2018 | | | | | | Japanese Yen (millions) | | | | | | |
|-----------|---------------------------|---|------------------------|--------------------|-------------------|--------------------------|----------------------------------|-----------------------|---------------------|---|--|--|
| Category | Name of company | Address | Capital (thousands) | Business | Voting shares | Business relationship | Contents of transaction | Transaction amount | Account title | Outstanding balance at the year-end | | |
| | T.E.N. GHANA MV25 B.V. | Amsterdam, The Netherlands | EURO 149,650 | Charter of FPSO | Indirect 25.0% | Time Charter of FPSO | The equipment capital collection | | Short-term loans | - | | |
| | CARIOCA | CARIOCA Amsterdam, IV27 B.V. The Netherlands | EURO | Charter of FPSO | Indirect | Time Charter | The equipment capital lending | 37,079 | Short-term loans | 37,612 | | |
| Affiliate | MIV27 B.V. | | 169,420 | FPSO | 29.4% | of FPSO | The equipment capital collection | 31,088 | | | | |
| | TARTARUGA | Amsterdam, | USD | Charter of | Indirect | Time Charter | Construction of FPSO | 37,364 | Receivable | 29,156 | | |
| | MV29 B.V. | The Netherlands | | FPSO | 29.4% | of FPSO | Guarantee Obligation | 49,846 | - | - | | |

| 2019 | | | | U.S. Dollars (thousands) | | | | | | |
|-----------|------------------------|-------------------------------|------------------------|--------------------------|-------------------|--------------------------|----------------------------------|--------------------|---------------------|---|
| Category | Name of company | Address | Capital (thousands) | Business | Voting shares | Business relationship | Contents of transaction | Transaction amount | Account title | Outstanding balance at the year-end |
| Affiliate | CARIOCA MV27 B.V. | Amsterdam, The Netherlands | EURO 169,420 | Charter of FPSO | Indirect 29.4% | Time Charter of FPSO | The equipment capital collection | 326,192 | Short-term loans | - |
| | TARTARUGA MV29 B.V. | Amsterdam, The Netherlands | USD 206,138 | Charter of FPSO | Indirect 29.4% | Time Charter of FPSO | The equipment capital lending | 643,779 | Short-term loans | 361,276 |
| | | | | | | | The equipment capital collection | 287,134 | | |
| | SEPIA MV30 B.V. | Amsterdam, The Netherlands | USD 100 | Charter of FPSO | Indirect 29.4% | Time Charter of FPSO | Construction of FPSO | 424,624 | Receivable | 201,649 |
| | LIBRA MV31 B.V. | Amsterdam, The Netherlands | USD 100 | Charter of FPSO | Indirect 29.4% | Time Charter of FPSO | Construction of FPSO | 338,382 | Receivable | 229,597 |

- 1. The transaction amount does not include foreign currency exchange gains and losses, while outstanding balance at the year-end includes foreign currency exchange gains and losses. The transaction amount and outstanding balance at the year-end do not include sales tax.
- 2. Policies for determining terms and conditions are as follows:
- (1) FPSO/FSO construction and operation trade are deliberately determined in consideration by each project plan.
- (2) The equipment capital lending is deliberately determined in consideration by each project plan.
- (3) Guarantee Obligation is deliberately determined in consideration by each project plan.



Independent Auditor's Report

To the Board of Directors of Mitsui E&S Holdings Co., Ltd.

We have audited the accompanying consolidated financial statements of Mitsui E&S Holdings Co., Ltd. and its consolidated subsidiaries, which comprise the consolidated balance sheets as at March 31, 2019 and 2018, and the consolidated income statements, statements of comprehensive income, statements of changes in net assets and statements of cash flows for the years then ended, and a summary of significant accounting policies and other explanatory information expressed in Japanese yen.

Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with accounting principles generally accepted in Japan, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in Japan. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, while the objective of the financial statement audit is not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of Mitsui E&S Holdings Co., Ltd. and its consolidated subsidiaries as at March 31, 2019 and 2018, and their financial performance and cash flows for the years then ended in accordance with accounting principles generally accepted in Japan.

Convenience Translation

The U.S. dollar amounts in the accompanying consolidated financial statements with respect to the year ended March 31, 2019 are presented solely for convenience. Our audit also included the translation of yen amounts into U.S. dollar amounts and, in our opinion, such translation has been made on the basis described in Note 1(a) to the consolidated financial statements.

KPMG AZSA LLC

June 26, 2019 Tokyo, Japan

KPMG AZSA LLC, a limited liability audit corporation incorporated under the Japanese Certified Public Accountants Law and a member firm of the KPMG network of independent member firms affiliated with KPMG International Cooperative ("KPMG International"), a Swiss entity.



