Press Release

Forecast of Demand for Construction Equipment (August 2024)

Japan Construction Equipment Manufacturers Association (CEMA)

1. General

- O For FY24, with a slight decline in the domestic demand and the exports taking a downward turn, the full-year shipment value is expected to be JPY 3,161.0 billion (down 5% year-on-year), marking the first decline in four years.
- O FY25 is expected to see the domestic demand continue to be flat while the exports gradually recover, and mark the first increase in two years. With a recovery mainly in hydraulic excavators, the flagship products, the full-year shipment value for FY25 is expected to be JPY 3,203.3 billion (up 1% year-on-year).

2. By market (domestic / exports)

(1) Domestic

- O FY24 will see a slight decline in the domestic demand due to a slowing of demand for hydraulic excavators, the flagship products, caused by decreased motivation for capital investment in anticipation of rising interest rates.
 - The first half (1H) will likely see three types of equipment increase year-on-year (including tractors by 3% and construction cranes by 6%) while the other six types decrease, and end up with JPY 455.9 billion (down 3% year-on-year).
 - The second half (2H) will likely see four types of equipment either increase or remain flat while the other five decrease, and end up with JPY 519.1 billion (unchanged year-on-year).
 - As a result, the full-year figure for FY24 is expected to be JPY 975.0 billion (down 1% year-on-year), the first decline in four years. (The figure has been revised downward by JPY 20.7 billion compared to the previous forecast in February 2024.)
- O FY25 will see the demand stay flat supported by public works investments.
 - The 1H will likely see five types of equipment either increase or remain unchanged year-on-year and end up with JPY 452.2 billion (down 1% year-on-year).
 - The 2H will likely see six types of equipment either increase or remain unchanged year-on-year and end up with JPY 519.2 billion (unchanged year-on-year).
 - As a result, the full-year figure for FY25 is expected to be JPY 971.4 billion (unchanged year-on-year).

(2) Exports

- O FY24 will likely see a fallback in exports, due to the impact of rising interest rates caused by monetary tightening in Europe, Asia, and other regions.
 - The 1H will likely see eight types of equipment (with the exception of construction cranes) decrease year-on-year (including hydraulic excavators, the flagship products, decreasing 14%), and end up with JPY 1,075.0 billion (down 10% year-on-year).
 - The 2H will, same as the 1H, likely see eight types of equipment decrease year-on-year and end up with JPY 1,111.0 billion (down 3% year-on-year).
 - As a result, the full-year figure for FY25 is expected to be 2,186.0 billion (down 7% year-on-year), the first decline in four years. (The figure has been revised downward by JPY 147.4 billion compared to the previous forecast in February 2024.)
- O FY25 will see the demand gradually recover with increases in hydraulic excavators and mini hydraulic excavators.
 - The 1H will likely see four types of equipment either increase or remain unchanged year-on-year and end up with JPY 1,103.5 billion (up 3% year-on-year).
 - The 2H will likely see six types of equipment either increase or remain unchanged year-on-year and end up with JPY 1,128.4 billion (up 2% year-on-year).
 - As a result, the full-year figure for FY25 is expected to be JPY 2,231.9 billion (up 2% year-on-year), for the first increase in two years.

[Outline of Demand Forecast Survey Results]

| | | | FY24 | | | FY25 | |
|----------|---|------------|-----------|-----------|-----------|-----------|-----------|
| | | 1H | 2H | Full-year | 1H | 2H | Full-year |
| | | Projection | Forecast | Forecast | Forecast | Forecast | Forecast |
| Domestic | Amount (Million yen) | 455,900 | 519,100 | 975,000 | 452,200 | 519,200 | 971,400 |
| | Year-on-year (%) | 97 | 100 | 99 | 99 | 100 | 100 |
| | Year-on-year in the previous forecast (%) | 102 | 101 | 101 | - | - | - |
| Exports | Amount (Million yen) | 1,075,000 | 1,111,000 | 2,186,000 | 1,103,500 | 1,128,400 | 2,231,900 |
| | Year-on-year (%) | 90 | 97 | 93 | 103 | 102 | 102 |
| | Year-on-year in the previous forecast (%) | 99 | 101 | 100 | - | - | - |
| Total | Amount (Million yen) | 1,530,900 | 1,630,100 | 3,161,000 | 1,555,700 | 1,647,600 | 3,203,300 |
| | Year-on-year (%) | 92 | 98 | 95 | 102 | 101 | 101 |
| | Year-on-year in the previous forecast (%) | 100 | 101 | 100 | - | - | - |

Note: Service parts are not included.

- This material is compiled by CEMA(Chairman: Akira Yamamoto), based on the results of a demand forecast survey answered by 61 construction equipment manufacturers with a CEMA regular member status as of July 2024.
- This survey was our 66th, and was conducted in a questionnaire style, asking the participants their values of domestic shipments and exports for four semi-annual periods (the first and second halves of FY24 and FY25) and in the categories of 9 types of construction equipment.

Japan Construction Equipment Manufacturers Association (CEMA)

Forecast for FY24

Upper: Value in million yen Lower: Year-on-year comparison (%)

| | | | | | | | Lower. Tear- | on-year comp | Jan 3011 (70) | |
|------------------------------|----------|---------------|-----------|----------|-------------|-----------|--------------------|--------------|---------------|--|
| | | 1H Projection | 1 | | 2H Forecast | | Full-year Forecast | | | |
| | Domestic | Exports | Total | Domestic | Exports | Total | Domestic | Exports | Total | |
| Tractors | 63,800 | 132,700 | 196,500 | 87,500 | 137,600 | 225,100 | 151,300 | 270,300 | 421,600 | |
| | 103 | 89 | 93 | 101 | 96 | 98 | 102 | 92 | 96 | |
| Hydraulic Excavators | 143,000 | 462,000 | 605,000 | 167,100 | 463,400 | 630,500 | 310,100 | 925,400 | 1,235,500 | |
| | 92 | 86 | 87 | 97 | 98 | 98 | 95 | 92 | 92 | |
| Mini Hydraulic Excavators | 41,200 | 203,200 | 244,400 | 46,800 | 235,100 | 281,900 | 88,000 | 438,300 | 526,300 | |
| | 95 | 88 | 89 | 98 | 95 | 95 | 97 | 92 | 92 | |
| Construction Cranes | 112,100 | 73,600 | 185,700 | 112,100 | 74,700 | 186,800 | 224,200 | 148,300 | 372,500 | |
| | 106 | 112 | 108 | 107 | 104 | 106 | 106 | 108 | 107 | |
| Road Equipment | 14,700 | 20,700 | 35,400 | 19,700 | 22,200 | 41,900 | 34,400 | 42,900 | 77,300 | |
| | 80 | 92 | 87 | 93 | 94 | 94 | 87 | 93 | 90 | |
| Concrete Equipment | 15,900 | 700 | 16,600 | 19,300 | 900 | 20,200 | 35,200 | 1,600 | 36,800 | |
| | 98 | 98 | 98 | 100 | 98 | 100 | 99 | 96 | 99 | |
| Foundation Work | 20,400 | 1,200 | 21,600 | 20,100 | 1,200 | 21,300 | 40,500 | 2,400 | 42,900 | |
| Equipment | 103 | 83 | 102 | 104 | 87 | 103 | 104 | 83 | 102 | |
| Hydraulic Breakers | 12,000 | 4,100 | 16,100 | 12,600 | 4,000 | 16,600 | 24,600 | 8,100 | 32,700 | |
| Hydraulic Crushers | 94 | 82 | 91 | 94 | 90 | 93 | 94 | 86 | 92 | |
| Other Construction Equipment | 32,800 | 176,800 | 209,600 | 33,900 | 171,900 | 205,800 | 66,700 | 348,700 | 415,400 | |
| | 95 | 98 | 97 | 96 | 95 | 95 | 95 | 96 | 96 | |
| Total | 455,900 | 1,075,000 | 1,530,900 | 519,100 | 1,111,000 | 1,630,100 | 975,000 | 2,186,000 | 3,161,000 | |
| | 97 | 90 | 92 | 100 | 97 | 98 | 99 | 93 | 95 | |

Forecast of Demand for Construction Equipment

August 9, 2024

Japan Construction Equipment Manufacturers Association (CEMA)

Forecast for FY25

100

110

100

99

100

22,100

12,600

33,600

519,200

100

89

100

102

102

1,100

4,000

175,300

1,128,400

100

109

100

102

101

23,200

16,600

208,900

1,647,600

Upper: Value in million yen

101

107

98

99

100

43,300

24,100

65,700

971,400

Lower: Year-on-year comparison (%)

100

92

98

101

102

2,200

7,900

352,100

2,231,900

101

106

98

101

101

45,500

32,000

417,800

3,203,300

1H Projection 2H Forecast Full-year Forecast Domestic Exports Total Domestic Exports Total Domestic Exports Total Tractors 61,900 132,700 194,600 85,800 136,200 222,000 147,700 268,900 416,600 97 100 99 98 99 99 98 99 Hydraulic Excavators 144,400 489,700 634,100 168,800 472,700 641,500 313,200 962,400 1,275,600 106 104 103 101 105 101 102 102 101 Mini Hydraulic Excavators 41,200 207,300 248,500 46,800 242,200 289,000 88,000 449,500 537,500 100 102 100 103 103 100 103 102 102 109,900 Construction Cranes 108,700 71,400 180,100 74,700 184,600 218,600 146,100 364,700 97 97 97 98 100 99 98 99 98 Road Equipment 15,100 19,900 35,000 20,300 21,300 41,600 35,400 41,200 76,600 103 96 99 103 96 99 103 96 99 Concrete Equipment 16,800 900 20,200 35,400 1,600 37,000 16,100 700 19,300

101

103

96

100

102

22,300

15,400

208,900

1,555,700

101

104

96

98

99

21,200

11,500

32,100

452,200

Foundation Work

Hydraulic Breakers

Hydraulic Crushers

Other Construction Equipment

Equipment

Total

98

89

96

100

103

1,100

3,900

176,800

1,103,500

Upper: Value in million yen Lower: Year-on-year comparison

| | | | | | | | | | | | | | | | | | - | Lowe | r : Year-on-ye | |
|---------------------------------------|-------------------|--------------------|-------------------|-------------------|------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| Туре | Region | 0.7 | 0.8 | 0 9 | 10 | 1 1 | 1 2 | 1 3 | 14 | 15 | 16 | 17 | 18 | 1 9 | 2 0 | 2 1 | 2 2 | 2 3 | 2 4 Forecast | |
| Tractors | Domestic Total | 86, 751 95 | 68, 094 79 | 49, 643 | | 67, 182 121 | 92, 194 137 | 114, 555 124 | | 120, 740 107 | | 109, 773 | | 121, 000 99 | 109, 716 91 | 106, 968 98 | 113, 201 106 | 148, 517 131 | 151, 300 102 | 147, 700 98 |
| | Exports | 309, 147 | 257, 243 | | 185, 865 | 238, 442 | 202, 400 | 189, 219 | 212, 143 | 146, 491 | 126, 496 | 178, 822 | 190, 022 | 138, 179 | 128, 891 | 215, 959 | 284, 313 | 292, 442 | 270, 300 | 268, 900 |
| | Total Subtotal | 126 395, 898 | 83 325, 337 | 35 138, 508 | | 128 305, 624 | 85 294, 594 | 93 303, 774 | | 267, 231 | | | | 73 259, 179 | 93 238, 607 | | 132 397, 514 | 103 440, 959 | 92 421, 600 | 99 416, 600 |
| | Subtotai | 118 | 323, 337 82 | 2 43 | 3 174 | 127 | 294, 394 | 103 | | 82 | | | 108 | | 92 | | 123 | 111 | 421, 000 96 | 99 |
| Excavators | Domestic | 295, 296 | 197, 598 | 99, 556 | | 197, 032 | 255, 476 | 358, 163 | 287, 439 | 253, 663 | | | 270, 587 | 282, 642 | 296, 096 | | 320, 414 | 327, 793 | 310, 100 | 313, 200 |
| Hvdraulic Excavators | Total Exports | 108 719, 983 | 595, 586 | " | | 143 760, 735 | 130 559, 611 | 520, 006 | 558, 138 | 468, 539 | 100 498, 370 | | 100 773, 484 | | 105 491, 096 | | 105 965, 612 | 102 1, 010, 155 | 925, 400 | 962, 400 |
| , | Total | 122 | 83 | 55 | 201 | 116 | 74 | 93 | 107 | 84 | 106 | 132 | 117 | 78 | 82 | 151 | 131 | 105 | 92 | 104 |
| | Subtotal | 1, 015, 279 117 | 793, 184 78 | 425, 765 54 | 793, 533 1 186 | 957, 767 121 | 815, 087 85 | 878, 169 108 | | 722, 202 85 | 751, 308 104 | | ., , | 882, 324 85 | 787, 192 89 | 1, 043, 826 133 | 1, 286, 026 123 | 1, 337, 948 104 | 1, 235, 500 92 | 1, 275, 600 103 |
| Mini Hydraulic Excavators | Domestic | 79, 793 | 49, 022 | | 3 42, 404 | 57, 551 | 71, 141 | 85, 380 | 102, 048 | 106, 846 | 77, 282 | 84, 358 | 89, 499 | 85, 859 | 86, 320 | 86, 552 | 84, 614 | 91, 118 | 88, 000 | 88, 000 |
| | Total Exports | 100 186, 806 | 96, 291 | 52, 449 | - | 136 124, 263 | 124 119, 367 | 120 137, 599 | | | | | 106 230, 492 | | 101 228, 150 | | 98 407, 016 | 108 478, 399 | 97 438, 300 | 100 449, 500 |
| | Total | 115 | 52 | 2 54 | 1 190 | 125 | 96 | 115 | 120 | 102 | 107 | 119 | 109 | 100 | 99 | 144 | 124 | 118 | 92 | 103 |
| | Subtotal | 266, 599 110 | 145, 313 | 83, 332 | | 181, 814 128 | 190, 508 105 | 222, 979 117 | 266, 523 120 | | | | 319, 991 108 | 316, 915 99 | 314, 470 | 416, 107 132 | 491, 630 118 | 569, 517 117 | 526, 300 | 537, 500 100 |
| Construction Cranes | Domestic | | 151, 053 | | | 106, 582 | 123, 277 | 164, 536 | | 204, 697 | | | | | 170, 018 | | 191, 705 | 210, 526 | 224, 200 | 218, 60 |
| | Total | 116 | 89 | 55 | 5 99 | 128 | 116 | 133 | 114 | | | 93 | 97 | | 86 | 99 | 114 | 110 | 106 | 98 |
| | Exports Total | 117, 935 135 | 138, 168 117 | 64, 616 | 63, 442 7 98 | 75, 053 118 | 79, 265 106 | 110, 171 139 | 129, 724 118 | | | | 83, 835 122 | | 50, 719 60 | | 93, 810 130 | 137, 606 147 | 148, 300 108 | 146, 100 9: |
| | Subtotal | 288, 001 | 289, 221 | 148, 316 | | 181, 635 | 202, 542 | 274, 707 | 317, 885 | 321, 754 | 283, 953 | 266, 735 | 275, 188 | 283, 757 | 220, 737 | 239, 611 | 285, 515 | 348, 132 | 372, 500 | 364, 70 |
| Road Equipment | Domestic | 123 29, 515 | 100 23, 546 | | 99 23, 649 | 124 26, 464 | 112 32, 883 | 136 38, 762 | | | 1 | 1 . | | | 78 40, 327 | | 119 37, 396 | 122 39, 522 | 107 34, 400 | 98 35, 40 |
| Troud Equipment | Total | 102 | 80 | 78 | 3 129 | 112 | 124 | 118 | 102 | 101 | 91 | 106 | 92 | 112 | 100 | 97 | 95 | 106 | 87 | 103 |
| | Exports Total | 43, 926 136 | 39, 836 01 | 20, 260 51 | 27, 745 1 137 | 31, 258 113 | 27, 523 88 | 30, 656 111 | 33, 545 109 | | 25, 870 82 | | 31, 894 87 | 21, 075 66 | 21, 585 102 | | 41, 181 115 | 46, 136 112 | 42, 900 03 | 41, 200 |
| | Subtotal | 73, 441 | 63, 382 | | | 57, 722 | 60, 406 | 69, 418 | | 71, 590 | | | 67, 637 | 61, 260 | 61, 912 | | 78, 577 | 85, 658 | 77, 300 | 46, 600 |
| Company Francis | Damastia | 120 | 86 15 021 | 1 | 133 | | 105 | 115 26, 454 | | | 87 29, 360 | | 90 | | 101 | | 105 | 109 | 90 | 99 |
| Concrete Equipment | Domestic Total | 22, 988 107 | 15, 931 69 | | | 14, 912 137 | 17, 579 118 | 20, 454 150 | | | | | | 30, 853 109 | 31, 412 102 | | 30, 645 94 | 35, 495 116 | 35, 200 99 | 35, 400 101 |
| | Exports | 3, 229 | 1, 704 | | | 1, 107 | 1, 342 | 1,660 | 1, 739 | | | | | | 830 | | 1, 225 | 1, 671 | 1, 600 | 1, 600 |
| | Total Subtotal | 145 26, 217 | 17, 635 | 3 47 5 14, 725 | | 124 16, 019 | 121 18, 921 | 124 28, 114 | | | | | | | 65 32, 242 | | 114 31, 870 | 136 37, 166 | 96 36, 800 | 100 37, 000 |
| | | 110 | 67 | / 83 | 3 80 | 136 | 118 | 149 | 109 | 106 | 95 | 99 | 95 | 110 | 100 | 104 | 95 | 117 | 99 | 101 |
| Foundation Work Equipment | Dmestic Total | 24, 787 137 | 22, 869 92 | | | 18, 822 106 | 22, 108 118 | 30, 207 137 | | 35, 062 109 | | | | 40, 896 94 | 36, 074 88 | | 37, 232 108 | 39, 069 105 | 40, 500 104 | 43, 300 107 |
| | Exports | 2, 118 | 2, 689 | 2, 497 | 7 3, 010 | 3, 684 | 4, 169 | 3, 383 | 3, 043 | 3, 399 | 6, 141 | 5, 211 | 4, 250 | 4, 801 | 4, 974 | 4, 651 | 3, 567 | 2, 899 | 2, 400 | 2, 200 |
| | Total Subtotal | 172 26, 905 | 127 25, 558 | | 3 121 3 20, 831 | 122 22, 506 | 113 26, 277 | 33, 590 | 90 35, 348 | | | | 82 47, 699 | | 104 41, 048 | | 77 40, 799 | 81 41, 968 | 42, 900 | 92 45, 500 |
| | Oubtotai | 139 | 95 | 5 84 | 1 98 | 108 | 117 | 128 | 105 | 109 | 117 | 98 | 92 | 96 | 110 | 96 | 104 | 103 | 109 | 106 |
| Hydraulic Breakers Hydraulic Crushers | Domestic Total | 16, 537 104 | 11, 680 | 6, 322 54 | | 12, 885 157 | 13, 499 105 | 16, 164 120 | | | | | 20, 524 103 | | 19, 202 93 | | 24, 259 107 | 26, 125 108 | 24, 600 94 | 24, 100 98 |
| nyuraulic Grushers | Exports | 15, 209 | 11, 267 | | 10, 196 | 8, 061 | 7, 115 | 7, 033 | | 8, 962 | | | | 8, 633 | 6, 200 | | 11, 784 | 9, 419 | 8, 100 | 7, 900 |
| | Total | 113 31, 746 | 74 22, 947 | | | | 88 20, 614 | | | 106 27, 014 | | | | | 72 25, 402 | | 116 | 80 35, 544 | 86 32, 700 | 98 32, 000 |
| | Subtotal | 108 | 72 | 2 58 | | 20, 946 114 | 20, 614 | 113 | | | | | | | 25, 402 87 | 129 | 36, 043 110 | 35, 544 99 | 32, 700 92 | 98 |
| Other Construction Equipments | Domestic | 63, 333 | 60, 206 | 46, 731 | 41, 489 | | 50, 344 | | | | | | | | 71, 397 | | 80, 522 | 69, 864 | 66, 700 | 65, 700 |
| | Total Exports | 255, 218 | 232, 921 | 138, 429 | 246, 303 | 152 263, 219 | 208, 447 | 121 176, 218 | 108 162, 671 | 107 154, 579 | | | 1 | 102 189, 585 | 144, 232 | 100 256, 705 | 113 325, 629 | 87 361, 407 | 348, 700 | 352, 100 |
| | Total | 125 | 91 | 59 | 9 178 | 107 | 79 | 85 | 92 | 95 | 105 | 143 | 108 | 76 | 76 | 178 | 127 | 111 | 96 | 101 |
| | Subtotal | 318, 551 117 | 293, 127 92 | 185, 160 | 287, 792 3 155 | 326, 083 113 | 258, 791 79 | | | 225, 137 99 | 247, 160 110 | | | | 215, 629 82 | 328, 215 152 | 406, 151 124 | 431, 271 106 | 415, 400 96 | 417, 800 101 |
| Equipment Total | Domestic | | 599, 999 | 367, 883 | | | 678, 501 | | | 880, 009 | | | | | 860, 562 | 865, 782 | 919, 988 | 988, 029 | 975, 000 | 971, 400 |
| | Total Exports | 106 1, 653, 571 | 76 1, 375, 705 | 701, 007 | 1 114 7 1, 292, 400 | 134 1, 505, 822 | 120 1, 209, 239 | 132 1, 175, 945 | | 1, 099, 892 | | 1, 403, 392 | | | 96 1, 076, 677 | 1, 665, 636 | 106 2, 134, 137 | 107 2, 340, 134 | 2, 186, 000 | 2, 231, 900 |
| | Total | 123 | 83 | 51 | 1 184 | 117 | 80 | 97 | 108 | 86 | 98 | 130 | 112 | 81 | 84 | 155 | 128 | 110 | 93 | 102 |
| | Subtotal | 2, 442, 637 117 | 1, 975, 704 81 | 1, 068, 890 | 1, 713, 294 1 160 | 2, 070, 116 121 | 1, 887, 740 91 | 2, 071, 144 110 | | | 1, 943, 090 | 2, 267, 987 117 | 2, 449, 757 108 | 2, 175, 004 89 | 1, 937, 239 89 | 2, 531, 418 131 | 3, 054, 125 121 | 3, 328, 163 109 | 3, 161, 000 95 | 3, 203, 300 101 |
| Service Parts | Domestic | | 89, 678 | 89, 691 | 1 | 98, 807 | 101, 709 | | 118, 920 | | 120, 038 | 1 | 118, 506 | 124, 499 | 125, 169 | 132, 080 | 137, 270 | 142, 709 | | 10 |
| | Total Exports | 97 131, 888 | 89 131, 696 | 100 | | 110 181, 432 | 103 160, 061 | | 104 171, 732 | 100 157, 640 | 101 143, 439 | 1 | 100 238, 990 | | 101 | 106 | 104 | 104 265, 029 | | |
| | Total | 131, 000 | 100 | 79 | 9 154 | 114 | 88 | 94 | 171, 732 | 92 | 91 | | | | 151, 957 75 | 247, 595 163 | 285, 426 115 | 93 | | |
| | Subtotal | 233, 092 108 | 221, 374 | 193, 290 | 249, 685 7 129 | 280, 239 | 261, 770 | | 290, 652 110 | | 263, 477 | d. | 1 | | 277, 126 | 379, 675 | 422, 696 | 407, 738 97 | | |
| Grand Total | Domestic | | 689, 677 | 457, 574 | | 112 663, 101 | 780, 210 | 101 1, 009, 372 | | 95 999, 259 | 986, 527 | 983, 455 | | 91 1, 020, 031 | 985, 731 | 997, 862 | 111 1, 057, 258 | 1, 130, 738 | | |
| | Total | 105 | 78 | 66 | 6 112 | 130 | 118 | 129 | 98 | 101 | 99 | 100 | 101 | 103 | 97 | 101 | 106 | 107 | | |
| | Exports Total | 1, 785, 459 123 | 1, 507, 401 84 | 804, 606 | 6 1, 451, 987 3 180 | 1, 687, 254 116 | 1, 369, 300 81 | | 1, 445, 691 109 | 1, 257, 532 87 | 1, 220, 040 97 | 1, 611, 708 132 | | | 1, 228, 634 83 | 1, 913, 231 156 | 2, 419, 563 127 | 2, 605, 163 108 | | |
| | Subtotal | 2, 675, 729 | 2, 197, 078 | 1, 262, 180 | 1, 962, 979 | 2, 350, 355 | | 2, 335, 244 | 2, 439, 602 | | 2, 206, 567 | | | 2, 501, 043 | 2, 214, 365 | 2, 911, 093 | 3, 476, 821 | 3, 735, 901 | | |
| | | 116 | 82 | ! 57 | 7 156 | 120 | 92 | 109 | 104 | 93 | 98 | 118 | 108 | 89 | 89 | 132 | 119 | 108 | | |

Japan Construction Equipment Manufacturers Association (CEMA)

Chairman's Press Conference

Forecast of Demand for Construction Equipment (CE) —
 (Published in August 2024)

August 9, 2024
Akira Yamamoto, CEMA Chairman

Program

- 1. Opening declaration by PR Committee Chairman Higuchi at 10:30
- 2. Reporting by CEMA Chairman Yamamoto at 10:35 11:00
 - Forecast of Demand for Construction Equipment (on a shipment basis)
- 3. Q&A at 11:00 11:30
- 4. Closing declaration by PR Committee Chairman Higuchi at 11:30

[Outline of CEMA Demand Forecast]



- Published in February and August every financial year. This is the 66th.
- Scope of survey: 61 CE manufacturers with CEMA regular member status
- Date of survey: As of July 2024
- Period for survey: Four periods consisting of the first and second halves of FY 2024 and the first and second halves of FY 2025
- Types of CE surveyed: 9 types(Tractors, Hydraulic Excavators (HE), Mini HE, Construction cranes, Road equipment, Concrete equipment, Foundation work equipment, Hydraulic breakers & crushers, and Other CE)

(The next demand forecast will be announced on February 18, 2025.)

[Contents of Chairman's Press Conference]



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 - 4 Changes by market (domestic/exports)
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 - 2 Mini HE

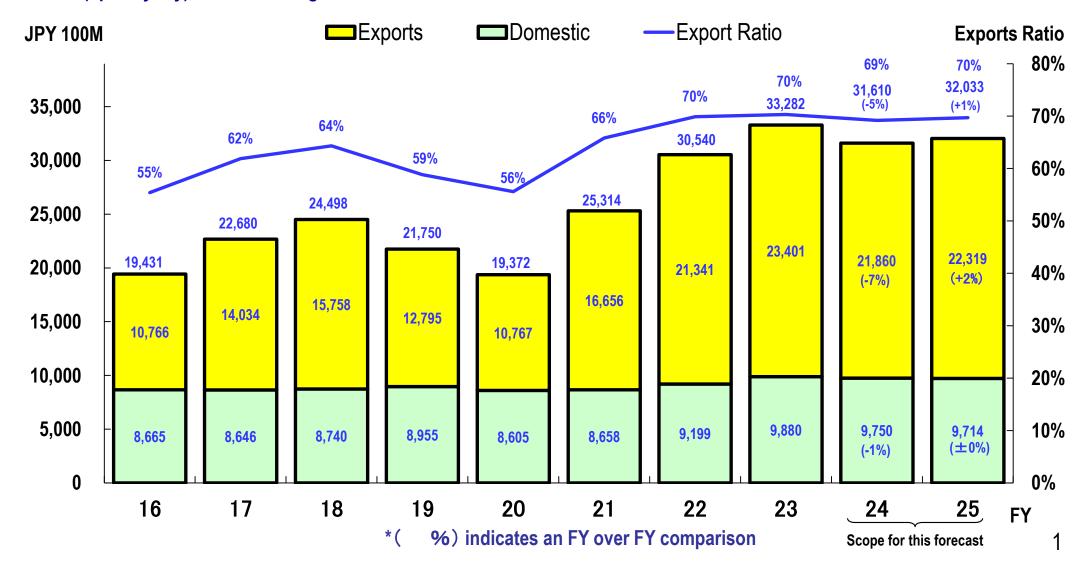
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1. Demand Forecasts for FY 24/25 (1) Shipment Value Basis 1 FY over FY comparison

- EMA
- O In FY24, with a slight decline in domestic demand and exports taking a downward turn, the shipment value is expected to be JPY 3,161.0B (down 5% y-o-y).
- In FY25, with both domestic demand and exports remaining solid, the shipment value is expected to be JPY 3,203.3B (up 1% y-o-y), the second highest on record.

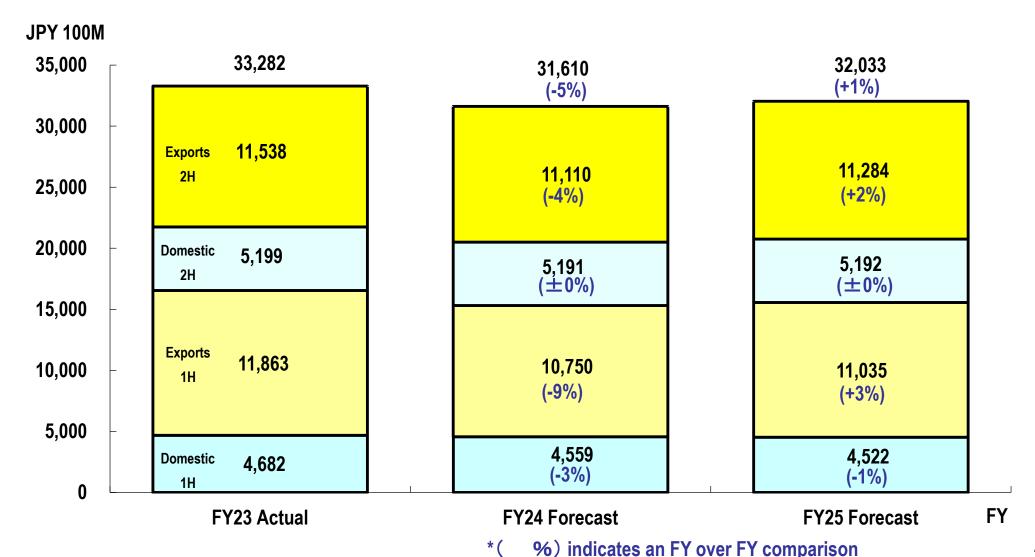


Demand Forecasts for FY 24/25 (1) Shipment Value Basis

2 Half year vs previous half year comparison



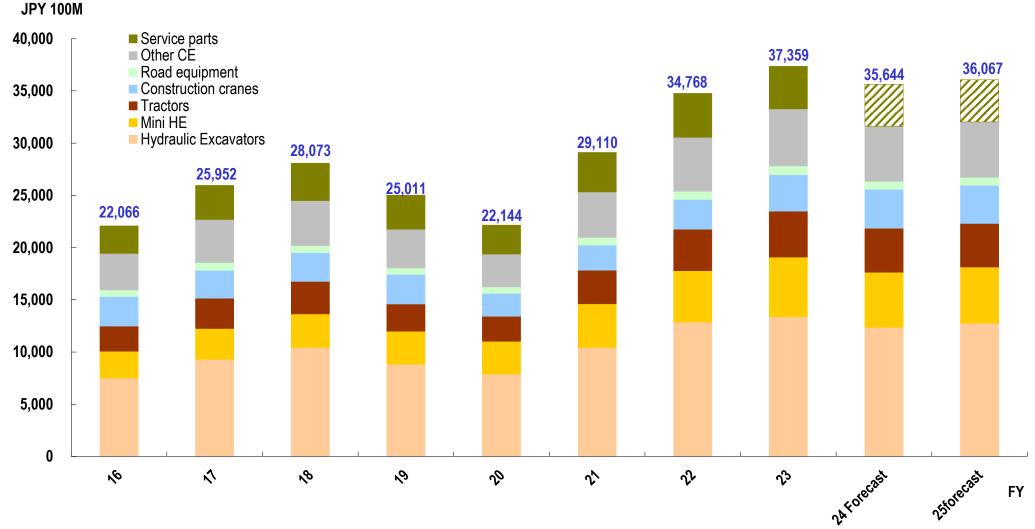
- In FY24, domestic demand is likely to fall in 1H and remain unchanged in 2H, while exports decline in both halves.
- In FY25, domestic demand is likely to move sideways y-o-y, while exports increase in both halves.



1.Demand Forecasts for FY 24/25 (1) Shipment Value Basis



- **3**Changes by model (incl. service parts)
- O In FY24, demand is expected to increase for two types of equipment out of nine in total.
- ☐ In FY25, demand is expected to increase for five types of equipment out of nine in total.



^{*}On a shipment value basis for the following 9 types of CE: Hydraulic Excavators (HE), Mini HE, Tractors, Construction cranes, Road equipment, Concrete equipment, Foundation work equipment, Hydraulic breakers & crushers, and Other CE. However, the forecast of service parts for FY24 and FY25 are the average amount over the past 5 years (JPY 403.4B) Source: Statistics privately compiled by CEMA

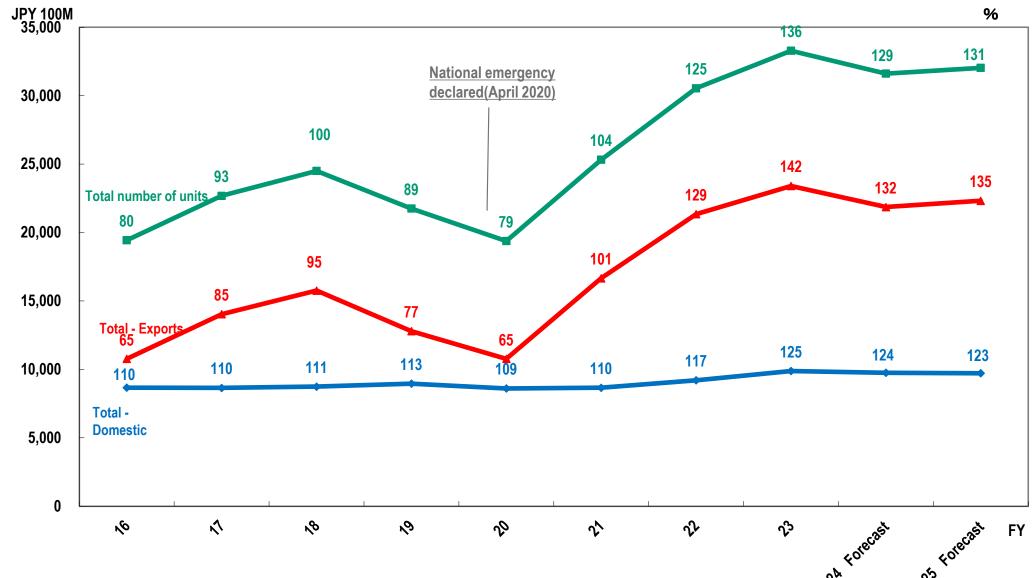
3

1. Demand Forecasts for FY 24/25 (1) Shipment Value Basis

4 Changes by market (Domestic/Exports)



O In FY24 and FY25, both domestic demand and exports will continue to be robust.



*Index for the following 9 types of CE (2007=100): Hydraulic Excavators (HE), Mini HE, Tractors, Construction cranes, Road equipment, Concrete equipment, Foundation work equipment, Hydraulic breakers & crushers, and Other CE.

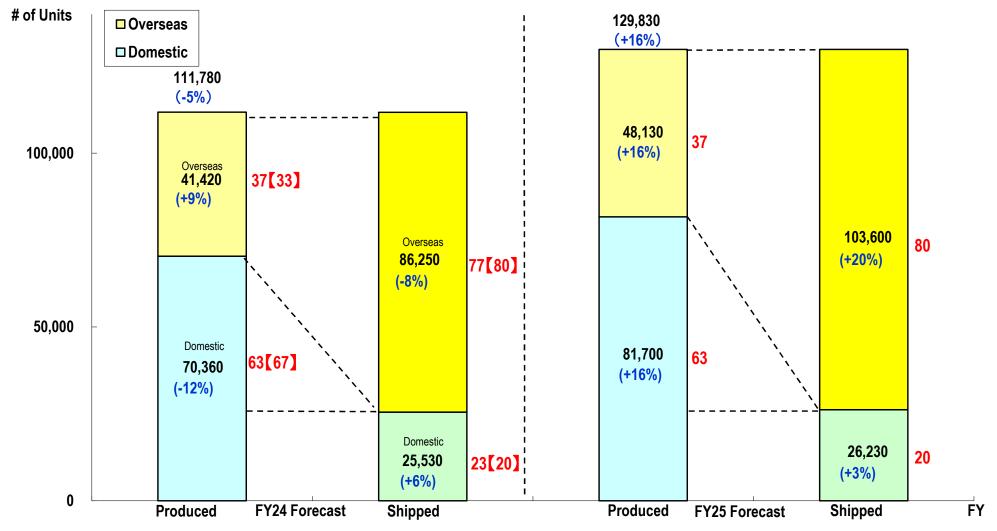
Source: Statistics privately compiled by CEMA

1. Demand Forecast for FY24/25 (2) Unit Number Basis

1Hydraulic Excavators



- O In FY24, overseas production will increase, while domestic production decreases and shipments increase.
- O In FY25, both production and shipments are expected to increase for domestic and overseas markets.



^{*} On a basis of the produced units of HE

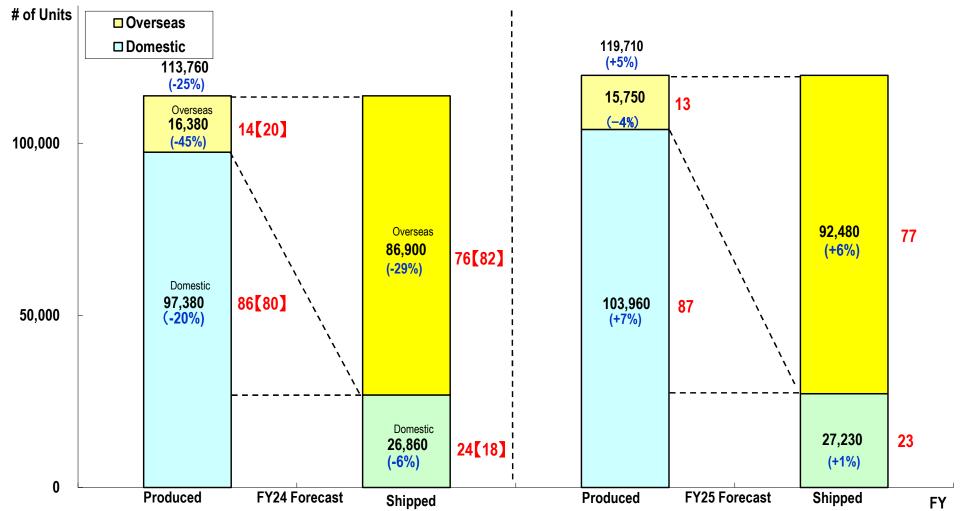
^{*} Figures in red indicate domestic- overseas ratios. In [] are projections as of as of February. In () are FY over FY comparisons. Source: Research by CEMA

1. Demand Forecast for FY24/25 (2) Unit Number Basis

2 Mini HE



- O In FY24, production and shipments will decrease for both domestic and export markets.
- O In FY25, domestic production and shipments will increase while overseas production decreases and shipments increase.



^{*} On a basis of the produced units of Mini HE

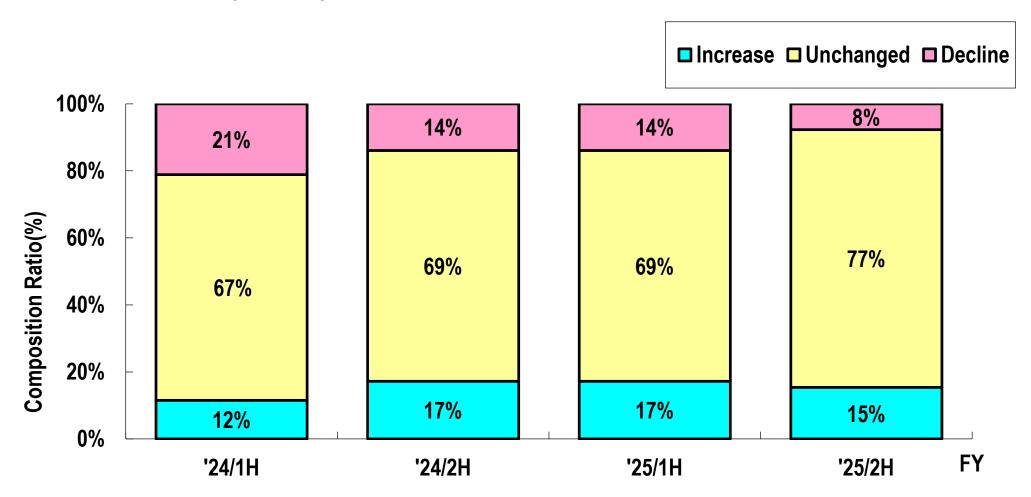
^{*} Figures in red indicate domestic- overseas ratios. In [] are projections as of February. In () are FY over FY comparisons. Source: Research by CEMA

(1) Behind domestic demand forecast



1 Public works projects

○ The majority view the situation as trending sideways for both FY24 and FY25; however, an increasing number of companies expect increases for 2H FY24 and onward.

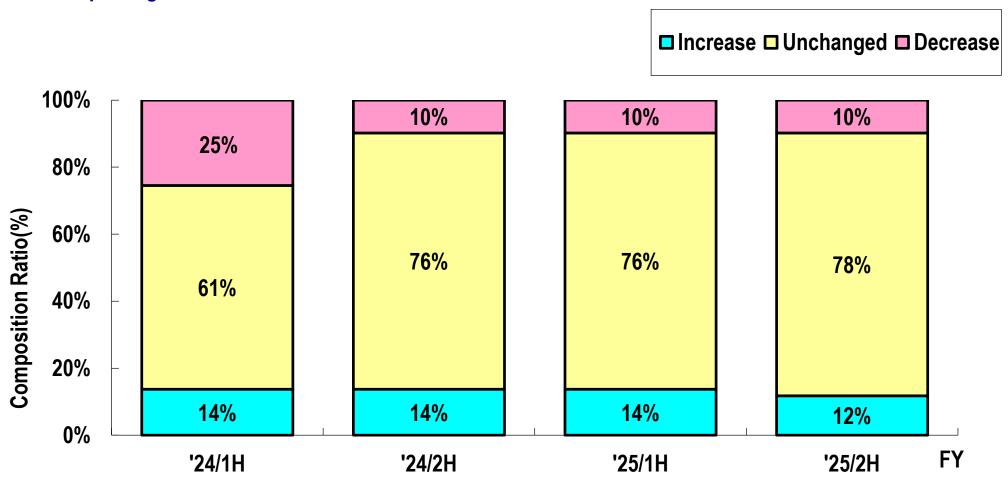


(1) Behind domestic demand forecast



2 Private capital investments

O The majority view the situation as trending sideways for both FY24 and FY25, with fewer companies expecting decreases for 2H FY24 and onward.

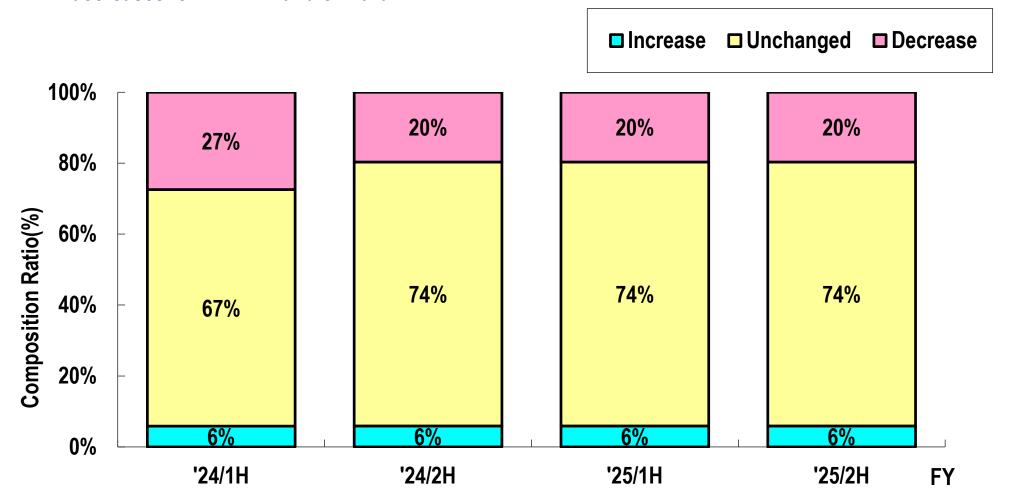


(1) Behind domestic demand forecast



3 Housing investments

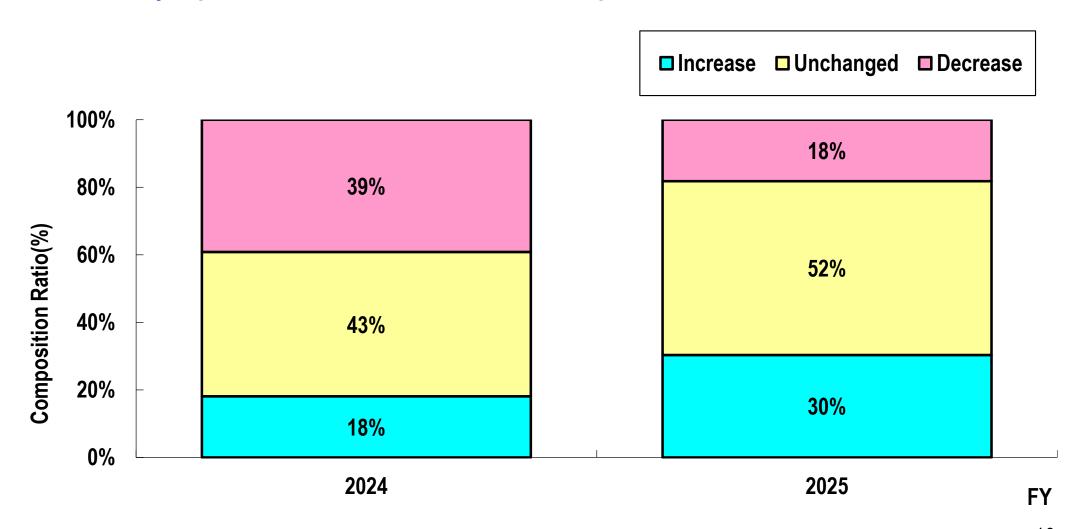
O The majority view the situation as trending sideways for both FY24 and FY25, while fewer expect decreases for 2H FY24 and onward.



(2) Behind overseas demand forecast



- **1** Trend in the North American markets
- Many expect decreases for FY24 while more expect increases for FY25.

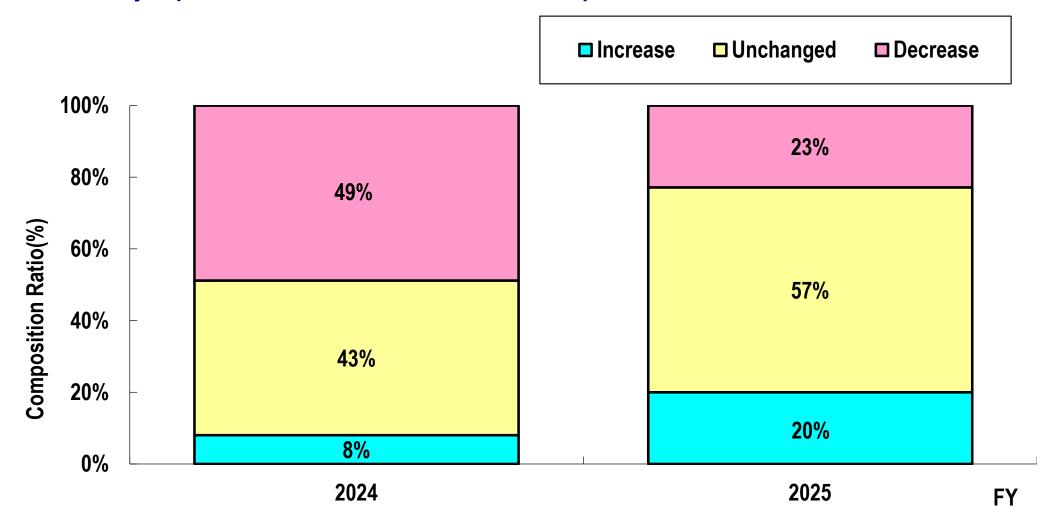


(2) Behind overseas demand forecast



2 Trend in the European markets

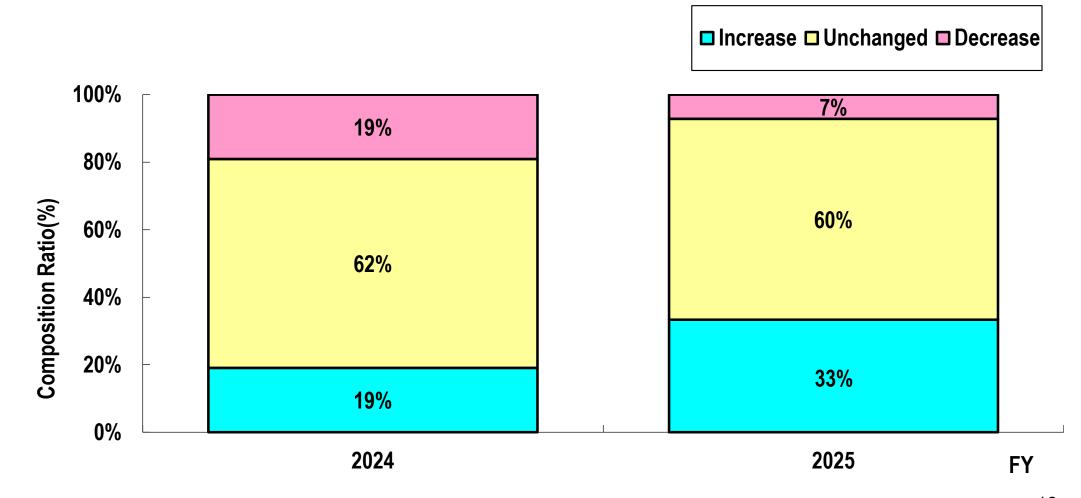
Many expect decreases for FY24, while more expect increases for FY25.



(2) Behind overseas demand forecast



- 3 Trend in Asian markets ex. China (including Oceania)
- O The majority view the situation as trending sideways for both FY24 and FY25, while more expect increases for FY25.



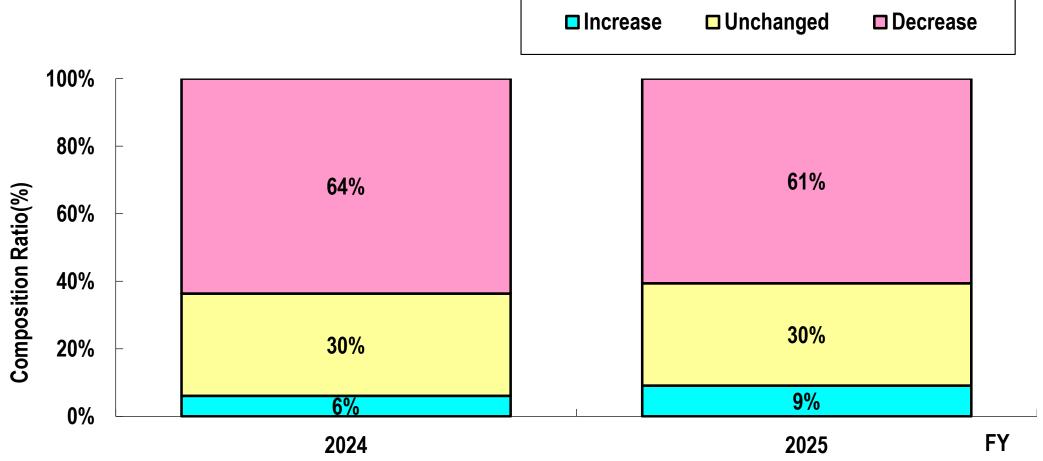
(2) Behind overseas demand forecast



4 Trend in the Chinese market

○ The majority expect decreases for both FY24 and FY25, while slightly more expect

increases for FY25.

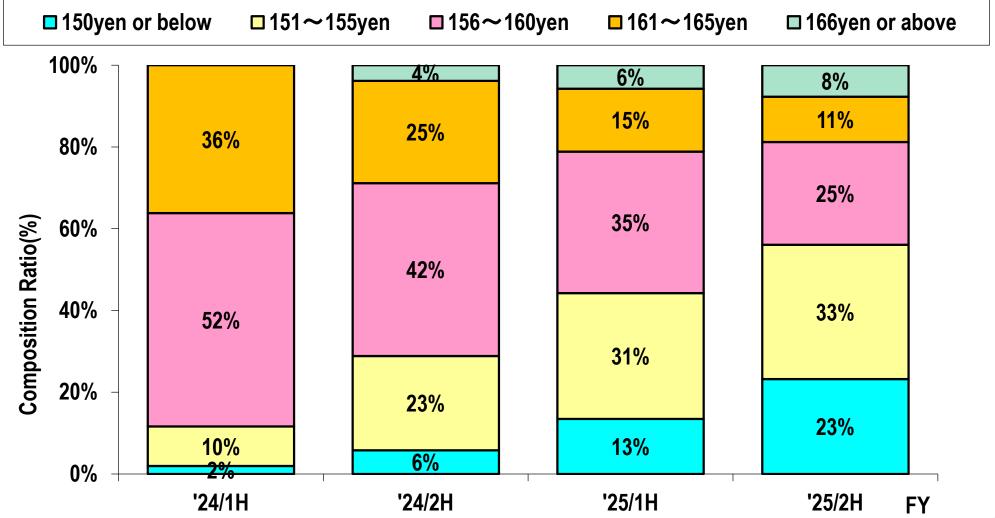


(3) Trends in exchange rates



1JPY-USD

- About half expect 156-160 yen for 1H FY24.
- More expect the yen's appreciation against the dollar for FY25.

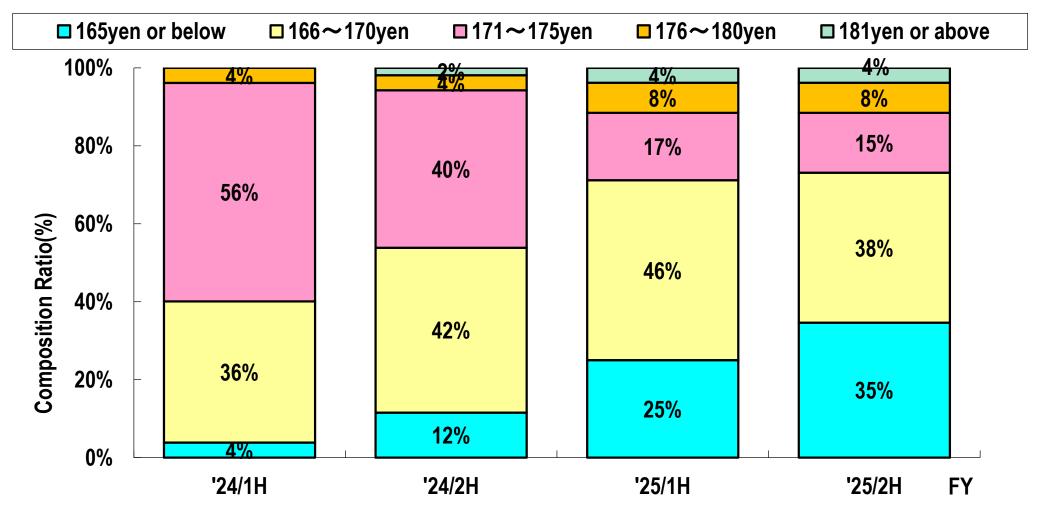


(3) Trends in exchange rates



2JPY-EUR

- **○** About half expect 171-175 yen for 1H FY24.
- More expect the yen's appreciation against the euro for FY25.



(4) Survey Results on Topics Factors that may affect demand forecast

- O As factors that positively affect demand, many companies suggested public investment, private capital investment, and parts/components availability for domestic, and public investment and private capital investment and trends in exchange rates for overseas.
- On the other hand, as factors that negatively affect demand, many companies suggested the state of resource prices, exchange rates, and the state of logistics costs for domestic. For overseas, many suggested the Russia/Ukraine issue, interest rate hikes by central banks, and excessive inventory at sales outlets.

| | Positive factors | Negative factors |
|------------------|--|---|
| Domestic market | 1) Public investment (114)2) Private capital investment (107)3) Parts/components availability (16) | 1) State of resource prices (63)2) Exchange rates (58)3) State of logistics costs (48) |
| Overseas markets | 1) Trends in exchange rates (103)2) Public investment (64)3) Private capital investment (57) | 1) The Russia/Ukraine issue (50)2) Interest rate hikes by central banks (41)3) Excessive inventory at sales outlet (35) |

Based on three choices each (in order of priority) for domestic and overseas from the following 12 items made by a respondent
as potentially affecting factors on the future market conditions:

A0

- The choices are numbered (1 2 3) in order of influence, allocating 3 points for 1, 2 points for 2 and 1 point for 3.

^{1.} Public works projects, 2. Private capital investments, 3. Exchange rates, 4. Interest rate hikes by central banks, 5. Russia-Ukraine issues, 6. Container availability, 7. Parts/components availability, 8. Resource prices, 9. Logistics cost, 10. Steel prices, 11. Inventory at sales outlet, and 12. Others

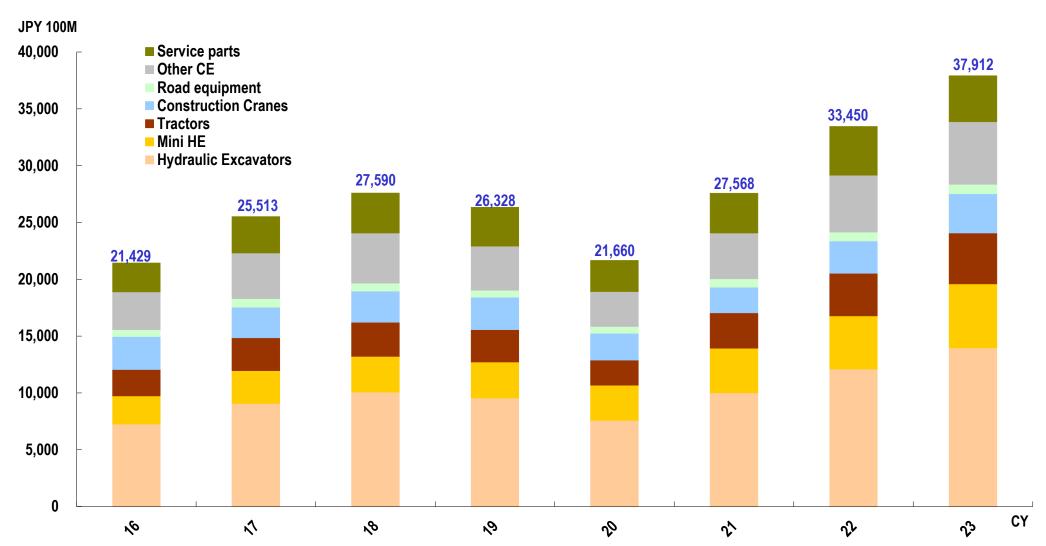
3. CY 2016-2023 on a shipment value basis



17

1 Trends by equipment type (including service parts)

O Increases in seven types resulted in a record high of 3,791.2 billion yen (up 13%) in 2023.

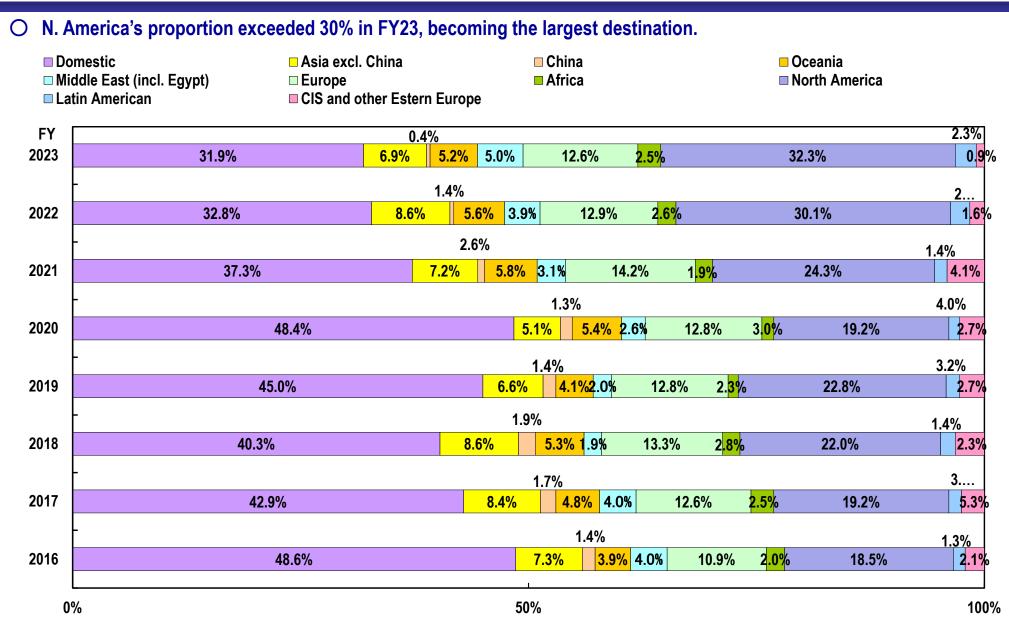


^{*} On a shipment value basis for the following 9 types of CE: Hydraulic Excavators (HE), Mini HE, Tractors, Construction cranes, Road equipment, Concrete equipment, Foundation work equipment, Hydraulic breakers & crushers, and Other CE (including service parts).

Source: Statistics privately compiled by CEMA

[Reference values] Shipment value by destination

2 Changes in composition ratio by destination: FY2016 - FY2023

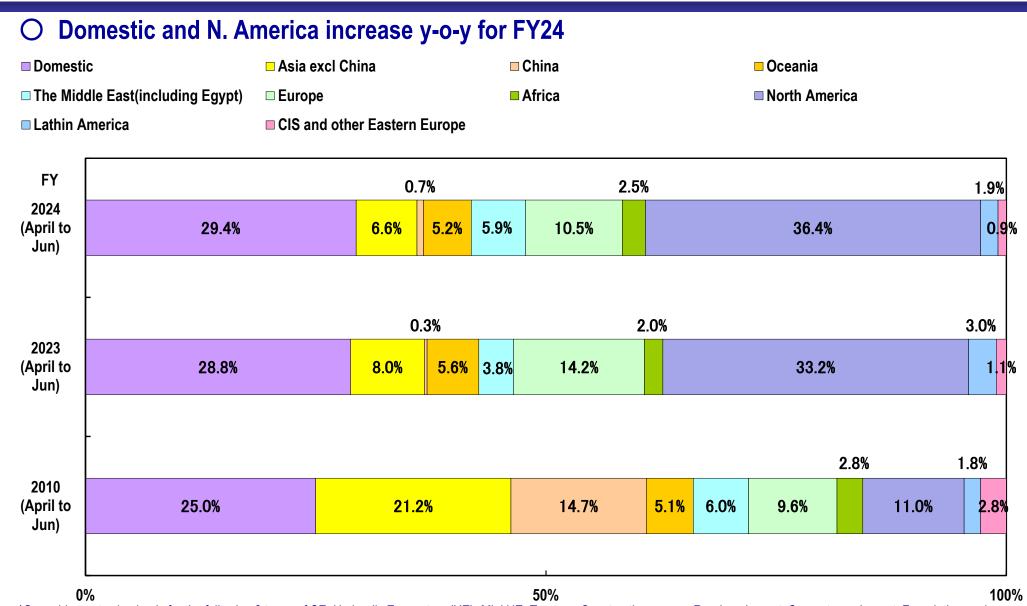


^{*} On a shipment value basis for the following 9 types of CE: Hydraulic Excavators (HE), Mini HE, Tractors, Construction cranes, Road equipment, Concrete equipment, Foundation work equipment, Hydraulic breakers & crushers, and Other CE (excluding components)

Source: Statistics privately compiled by CEMA

[Reference values] Shipment value by destination

③ Changes in composition ratios: April-June 2024



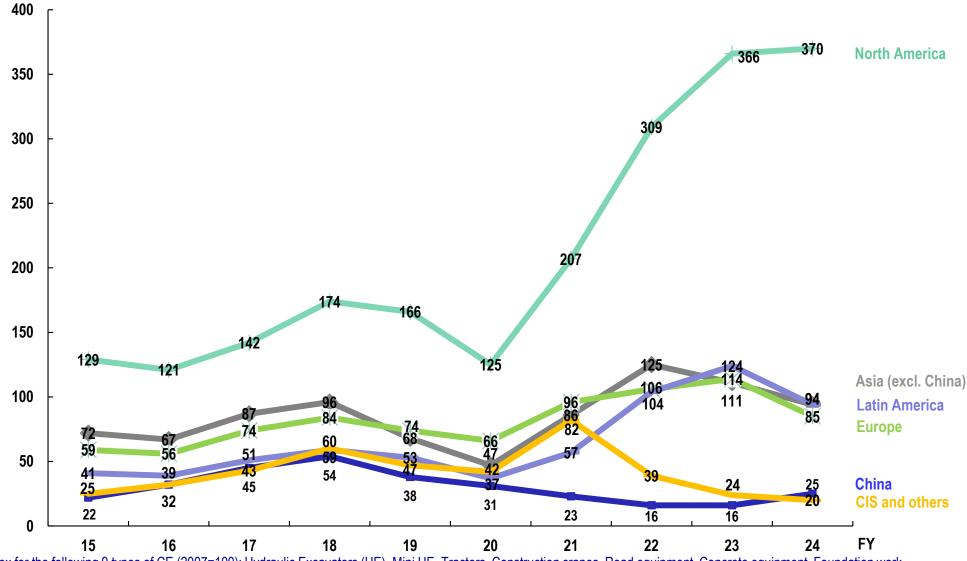
^{*}On a shipment value basis for the following 9 types of CE: Hydraulic Excavators (HE), Mini HE, Tractors, Construction cranes, Road equipment, Concrete equipment, Foundation work equipment, Hydraulic breakers & crushers, and Other CE (excluding components)

^{*}Apr-Dec 2010 means the same period of the year in which China's proportion was the highest. Source: Statistics privately compiled by CEMA

[Reference values] Shipment value by destination

4Trends in shipment value indexed to FY 2007 as 100

O Shipment value to N. America grew sharply, while that to China and Russia/CIS was sluggish.

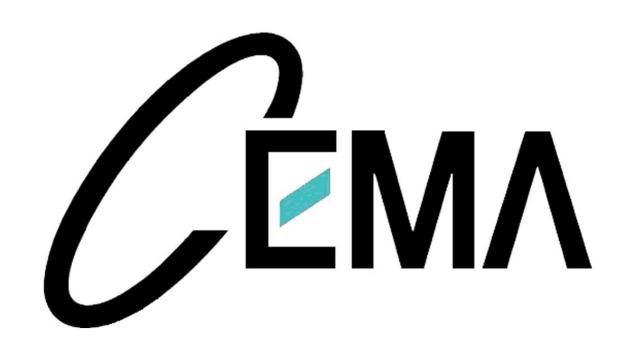


^{*}Index for the following 9 types of CE (2007=100): Hydraulic Excavators (HE), Mini HE, Tractors, Construction cranes, Road equipment, Concrete equipment, Foundation work equipment, Hydraulic breakers & crushers, and Other CE

Note: Figures for FY24 are estimates based on actual data by destination for Apr-Jun.

Source: Statistics privately compiled by CEMA

Japan Construction Equipment Manufacturers Association (CEMA) Chairman's Press Conference



The next demand forecast will be announced on Tuesday, February 18, 2025.