

A and A Game Engineering Stations Manned and Ready

Game data file for Japan World War 2 - Warships 1920-1945

This data file contains precalculated game data for ships of the above nation.

Each record shows the class name, in service date, and variant (where appropriate). This is followed by the vessel's base game data in the same layout as that used in the rules.

This is followed by the armament, again in the same layout, though the presentation is slightly different to that shown in previous versions. This section shows the type of gun by Calibre and barrel length, followed by an identifier which can be used to reference weapons in our construction data sheets, then the game data.

The final section shows, on the left, the ships in the class, which may also show a date from, or until which that ship's values are valid.

In the right hand section you will find details of all the other equipment carried and used in the game. Note that there may be asterisks or other marks which cross reference between the ships on the left and the special data on the right. Again, ship specific equipment and values are shown. Most special game data is headed with a bullet point.

You may find up to 2 variants in many ship classes, where the weapon fit changed. Variant data usually shows the battery # affected by the change. Always refer to any notes for the relevant variant. The changes can often be cumulative. The following possibilities can occur:

- Weapons have been removed: a cost reduction is applied to the original ship cost.
- Weapons have been added: this will result in a cost increase to be added to the original ship cost.
- Weapons have been modified, with a change in the overall number: There may be an increase or reduction to apply to the original ship cost.
- In some cases there are two successive modifications, and therefore only the later of the cost adjustments should be applied. Such a case would apply if a ship had torpedo tubes reduced in one modification and completely removed in the second.

Please bear in mind that all cost alteration figures are based on the original value for the ship.

Changes in short range weapons and factors may be referred to in the ship's notes. These could also show a cost modifier, especially if the QF or SRAA values are altered. If the DP AA values have changed on second world war vessels, the cost alteration is already included in the figure showing the cost modification.

In some cases you may have to both add and subtract cost adjustments as part of the same modification.

All information in this document is (c) A and A Game Engineering and is for use with our rule sets. It may not be used for any other purpose without our express agreement.

Summary

Data for the following ship classes is included in this document.

The date shown in the summary is the most recent revision date for the game data, taking account of corrections and amendments. The status of the data (new, altered or unchanged) is also shown.

BB **Battleship**

Fuso	1941	08 November 2008
Ise	1937	08 November 2008
Nagato	1920, as built	20 October 2008
	1936	08 November 2008
Yamato	1941	08 November 2008
	1944, Musashi	08 November 2008
	1944, Yamato	08 November 2008

BBH **Hybrid Battleship-Carrier**

Ise	1943	08 November 2008
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BC **Battle Cruiser**

Kongo	1931	08 November 2008
	1940	08 November 2008
	1943	08 November 2008

CV **Aircraft Carrier**

Akagi	1941	08 November 2008
Chitose	1944	08 November 2008
Hiryu		08 November 2008
Hosho		20 October 2008
Junyo		08 November 2008
Kaga	1941	08 November 2008
Ryuho		08 November 2008
Ryujo		08 November 2008
Shinano		08 November 2008
Shokaku	1941	08 November 2008
	1944	08 November 2008
Soryu		08 November 2008
Taiho		08 November 2008
Unryu		08 November 2008
Zuiho		08 November 2008

CVE **Escort Carrier**

Kaiyo		08 November 2008
Shinyo		08 November 2008
Taiyo	Taiyo	08 November 2008
	Unyo, Chuyo	08 November 2008

CVS **Seaplane Carrier**

Chitose		08 November 2008
Mizuho		08 November 2008
Nisshin		08 November 2008

CA Heavy Cruiser

Aoba	1927	08 November 2008
	1940	08 November 2008
Furutaka	1926	08 November 2008
	1939	08 November 2008
Mogami	1941	08 November 2008
	1943, Mogami	08 November 2008
Nachi	1929	08 November 2008
	1941	08 November 2008
Takao	1932	08 November 2008
	1939, 1st group	08 November 2008
	1941, 2nd group	22 June 2009
	1942, 1st group	08 November 2008
	1944, 2nd group	08 November 2008
Tone	1939	08 November 2008

CL Light Cruiser

Agano	1942	08 November 2008
Ioshima	(ex Chinese ships)	08 November 2008
Katori	1938	08 November 2008
Kuma	1927	20 October 2008
	1940	20 October 2008
	1944, Tama, Kiso	20 October 2008
Mogami	1935, as built as Light Cruiser	08 November 2008
	1938, after first reconstruction	08 November 2008
Nagara	1923	20 October 2008
	1943	20 October 2008
	1945, Isuzu	20 October 2008
Oyodo		08 November 2008
Sendai	1925	08 November 2008
	1943	08 November 2008
Tenryu		20 October 2008
Yubari	1923	08 November 2008
	1943	08 November 2008

CT Torpedo Cruiser

Kuma	1941, Kitakami, Oi	20 October 2008
	1943, Kitakami, Oi	20 October 2008
	1944, Kitakami	20 October 2008
	1944, Oi	20 October 2008

DD Destroyer

Akatsuki	1932, as built	09 November 2008
	1937, after rebuild	09 November 2008
	1942	09 November 2008
Akitsuki	1941	09 November 2008
Asashio	1939, as built	09 November 2008
	1943	09 November 2008
Fubuki	1929, as built	09 November 2008
	1937, after rebuild	09 November 2008
	1944	09 November 2008
Hatsuharu	1935, as built	09 November 2008
	1937, as reconstructed	09 November 2008
	1943	09 November 2008
Kagero	1940	09 November 2008
	1943	09 November 2008
Kamikaze	1922	08 November 2008
	1941	08 November 2008
	1944	08 November 2008
Minekaze	1920	08 November 2008
	1939, main group	08 November 2008
	1939, Nokaze group	08 November 2008
	1939, Patrol Boats	08 November 2008
Momi	1923	08 November 2008
	1939, Patrol Boats	08 November 2008
	1942	08 November 2008
Mutsuki	1927, as built	09 November 2008
Shimakaze	1942	09 November 2008
	1944	09 November 2008
Shiratsuyu	1937, as built	28 June 2010
	1943	09 November 2008
Wakatake	1922	08 November 2008
	1940, Yugau, as patrol boat	08 November 2008
	1941	08 November 2008
Yugumo	1941	09 November 2008
	1942	09 November 2008
	1943 (later vessels)	09 November 2008

DDE Destroyer Escort

Etorofu (Improved Type A)		27 October 2010	New Ship Data
	Kanju	27 October 2010	New Ship Data
Matsu		09 November 2008	
Mikura (Type B)		27 October 2010	New Ship Data
Shimushu (Type A)		27 October 2010	New Ship Data
Tachibana		10 January 2009	
Ukuru (Improved Type B)		27 October 2010	New Ship Data

TB Torpedo Boat

Otori	1937	10 January 2009
Tomozuru	1934	10 January 2009
	1936, after reconstruction	10 January 2009

MTB **MTB**

T23	Group of 3 vessels	27 October 2010	New Ship Data
T25, T32, T36	Group of 3 vessels	27 October 2010	New Ship Data
T31	Group of 3 vessels	27 October 2010	New Ship Data
T33	Group of 3 vessels	27 October 2010	New Ship Data
T34, T38	Group of 3 vessels	27 October 2010	New Ship Data
T35	Group of 3 vessels	27 October 2010	New Ship Data
T37	Group of 3 vessels	27 October 2010	New Ship Data
T39	Group of 3 vessels	27 October 2010	New Ship Data

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

BB Battleship

Fuso	1912	94	25	+ 2	5 RB	7	4	2356
<i>Data for: 1941</i>		37	10	10	5	11	10	0
1: 12x14" (L/45) — [04] — AT2: B(x2).CB(x2).S(x2)		10	5	13	11	9	8	6
2: 14x6" (L/50) — [05] — C1: PB(x7).SB(x7)		2	4	6	4	2	1	—
3: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
Fuso, Yamashiro		<i>Scout Planes: 3; SRAA: 3; DP: 4</i> <i>• SRAA 4 in 1944 (cost +10)</i>						

Ise	1915	97	25	+ 2	5 RB	7	4	2403
<i>Data for: 1937</i>		39	11	9	7	9	9	0
1: 12x14" (L/45) — [04] — AT2: B(x2).CB(x2).S(x2)		10	5	13	11	9	8	6
2: 16x5.5" (L/50) — [05] — C1: PB(x8).SB(x8)		3	4	5	4	2	1	—
3: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
Ise, Hyuga		<i>Scout Planes: 3; SRAA: 3; DP: 4</i>						

Nagato	1917	77	27	+ 2	5 RB	6	4	2551
<i>Data for: 1920, as built</i>		34	11	10	4	10	10	0
1: 8x16.1" (L/45) — [01] — AT2: B(x2).S(x2)		14	5	15	13	11	10	9
2: 20x5.5" (L/50) — [03] — C1: PB(x10).SB(x10)		2	4	5	4	2	1	—
Nagato, Mutsu		<i>SRAA: 3</i>						

Class Name Variant or Small Vessel Grouping (where appropriate)	Initial in service date	S	Spd	Size	Vis	FC	DC	Cost
		F	MVR	Belt	Deck	CT	T #1	T #2
Armament		IP	RB	I	II	III	IV	V
Ships in Class	Other Weapons and Equipment, Notes							

Japan

BB Battleship

Nagato	1917	95	25	+ 2	5 RB	7	4	2723
<i>Data for: 1936</i>		41	11	9	7	11	10	0
1: 8x16.1" (L/45) — [01] — AT2: B(x2).S(x2)		14	5	15	13	11	10	9
2: 18x5.5" (L/50) — [06] — C1: PB(x9).SB(x9)		3	5	5	4	2	1	0
3: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
Nagato, Mutsu		Scout Planes: 3; SRAA: 3; DP: 4 • Nagato: SRAA 6 in June 1944 (cost +30), 7 in October 1944 (cost +40)						

Yamato	1937	141	27	+ 3	5 RB	10	5	4220
<i>Data for: 1941</i>		55	13	11	8	13	15	3
1: 9x18.1" (L/45) — [01] — AT3: B(x2).S		18	5	17	15	14	13	11
2: 12x6.1" (L/60) — [01] — AT3: B.PB.SB.S		2	5	7	5	3	2	1
3: 12x5" (L/40) DP — [02] — UT2: PB(x3).SB(x3)		2	3	4	2	1	—	—
Yamato, Musashi		Scout Planes: 7; SRAA: 3; DP: 5 • SRAA 4 in January 1943						

Yamato	1937	138	27	+ 3	5 RB	10	5	4197
<i>Data for: 1944, Musashi</i>		55	13	11	8	13	15	3
1: 9x18.1" (L/45) — [01] — AT3: B(x2).S		18	5	17	15	14	13	11
2: 6x6.1" (L/60) — [01] — AT3: B.S		2	5	7	5	3	2	1
3: 12x5" (L/40) DP — [02] — UT2: PB(x3).SB(x3)		2	3	4	2	1	—	—
Musashi		Scout Planes: 7; SRAA: 5; DP: 5 • SRAA 8 in April 1944 (cost +30)						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

BBH

Hybrid Battleship-Carrier

Ise

1915 87 25 + 2 5 RB 7 4 1675

Data for: 1943

38 11 9 7 9 9 0

1: 12x14" (L/45) — [04] — AT2: B(x2).CB(x2)

10 5 13 11 9 8 6

2: 16x5" (L/40) DP — [02] — S2: PB(x4).SB(x4)

2 3 4 2 1 — —

Ise, Hyuga

SRAA: 5; DP: 6

Carrier Handling: 3; Catapults: 0; Maximum Operational Aircraft Capacity: 22; Carrier Victory Point Bonus: 369

• SRAA 7 in June 1944 (cost +20)

• Aircraft launched cannot be recovered in battle. Aircraft carried were E16A1 Paul FB.

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

BC **Battle Cruiser**

Kongo	1911	70	26	+ 2	5 RB	6	3	1692
<i>Data for: 1931</i>		33	10	8	5	9	8	0
1: 8x14" (L/45) — [04] — AT2: B(x2).S(x2)		10	5	13	11	9	8	6
2: 16x6" (L/50) — [05] — C1: PB(x8).SB(x8)		2	4	6	4	2	1	—
Kongo, Kirishima, Haruna		<i>Scout Planes: 3; SRAA: 3</i>						

Kongo	1911	74	31	+ 2	5 RB	6	4	1825
<i>Data for: 1940</i>		35	10	8	5	9	8	0
1: 8x14" (L/45) — [04] — AT2: B(x2).S(x2)		10	5	13	11	9	8	6
2: 14x6" (L/50) — [05] — C1: PB(x7).SB(x7)		2	4	6	4	2	1	—
3: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
Kongo, Hiei, Kirishima, Haruna		<i>Scout Planes: 3; SRAA: 3; DP: 4</i>						

Kongo	1911	74	31	+ 2	5 RB	6	4	1835
<i>Data for: 1943</i>		35	10	8	5	9	8	0
1: 8x14" (L/45) — [04] — AT2: B(x2).S(x2)		10	5	13	11	9	8	6
2: 14x6" (L/50) — [05] — C1: PB(x7).SB(x7)		2	4	6	4	2	1	—
3: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
Kongo, Haruna		<i>Scout Planes: 3; SRAA: 4; DP: 4</i>						
		• <i>SRAA 7 by end of 1944 (cost +30)</i>						
		• <i>Haruna: SRAA 8 in 1945 (cost +40)</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

CV **Aircraft Carrier**

Shinano	1940	85	27	+ 3	5 RB	7	5	707
		53	13	7	4	0	0	0
1: 16x5" (L/40) DP — [02] — S2: PB(x4).SB(x4)		2	3	4	2	1	—	—
Shinano		<i>SRAA: 9; DP: 6</i> <i>Carrier Handling: 19; Catapults: 0; Maximum</i> <i>Operational Aircraft Capacity: 47; Carrier Victory Point</i> <i>Bonus: 332</i> <i>Armoured Flight Deck</i>						

Shokaku	1937	34	34	+ 1	5 RB	3	4	475
<i>Data for: 1941</i>		22	12	6	5	0	0	0
1: 16x5" (L/40) DP — [02] — S2: PB(x4). SB(x2); UT2: (SBx2)		2	3	4	2	1	—	—
Shokaku, Zuikaku		<i>SRAA: 5; DP: 6</i> <i>Carrier Handling: 14; Catapults: 0; Maximum</i> <i>Operational Aircraft Capacity: 72; Carrier Victory Point</i> <i>Bonus: 342</i> <i>Poor carrier safety</i> <i>• Air Group comprised 27 B5N, 27 D3A, 18 A6M</i>						

Shokaku	1937	34	34	+ 1	5 RB	3	4	499
<i>Data for: 1944</i>		22	12	6	5	0	0	0
1: 16x5" (L/40) DP — [02] — S2: PB(x4). SB(x2); UT2: (SBx2)		2	3	4	2	1	—	—
Shokaku, Zuikaku		<i>SRAA: 6; DP: 6</i> <i>Carrier Handling: 14; Catapults: 0; Maximum</i> <i>Operational Aircraft Capacity: 72; Carrier Victory Point</i> <i>Bonus: 359</i> <i>• Zuikaku: SRAA 7 from July: 1944 (cost +10)</i> <i>• Air Group comprised 27 B5N, 27 D3A, 18 A6M.</i> <i>• Ship data is for their state after fitting with concrete</i> <i>cladding round fuel lines.</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

CV **Aircraft Carrier**

Soryu	1934	19	35	+ 0	4 RB	2	3	366
		15	11	2	1	0	0	0
1: 12x5" (L/40) DP — [02] — S2: PB(x3).SB(x2); UT2: SB		2	3	4	2	1	—	—
Soryu		<i>SRAA: 4; DP: 5</i> <i>Carrier Handling: 12; Catapults: 0; Maximum</i> <i>Operational Aircraft Capacity: 63; Carrier Victory Point</i> <i>Bonus: 231</i> <i>Poor carrier safety</i> <i>• At Midway Soryu carried 18 A6M Zeke, 18 D4Y Val and</i> <i>18 B5N Kate (though 2 Vals were swapped for D5 Recon</i> <i>aircraft)</i>						

Taiho	1941	39	33	+ 2	5 RB	4	4	484
		25	13	6	5	0	0	0
1: 12x3.9" (L/65) DP — [01] — S2: PB(x3).SB(x3)		2	4	4	3	1	1	—
Taiho		<i>SRAA: 5; DP: 5</i> <i>Carrier Handling: 15; Catapults: 0; Maximum</i> <i>Operational Aircraft Capacity: 75; Carrier Victory Point</i> <i>Bonus: 363</i> <i>Armoured Flight Deck</i>						

Unryu	1942	24	34	+ 1	5 RB	3	4	404
		16	11	6	3	0	0	0
1: 12x5" (L/40) DP — [02] — S2: PB(x3).SB(x3)		2	3	4	2	1	—	—
Unryu, Amagi		<i>SRAA: 5; DP: 5</i> <i>Carrier Handling: 12; Catapults: 0; Maximum</i> <i>Operational Aircraft Capacity: 65; Carrier Victory Point</i> <i>Bonus: 263</i> <i>• Amagi SRAA value 7 (cost +20)</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

CV

Aircraft Carrier

Zuiho

1934

11 28 +0 4 RB 2 3 243

11 10 0 0 0 0 0

1: 8x5" (L/40) DP — [02] — S2: PB(x2).SB; UT2: SB

2 3 4 2 1 — —

Zuiho, Shoho

SRAA: 2; DP: 4

Carrier Handling: 9; Catapults: 0; Maximum Operational Aircraft Capacity: 30; Carrier Victory Point Bonus: 73

Poor carrier safety

• Zuiho: SRAA 5 in 1943 (cost +30), 6 in 1944 (cost +40)

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

<i>CVE</i>	<i>Escort Carrier</i>								
Kaiyo		1938	19	23	+ 0	4 RB	2	3	271
			19	8	0	0	0	0	0
	1: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
	Kaiyo		<i>SRAA: 3; DP: 4</i> <i>Carrier Handling: 7; Catapults: 0; Maximum Operational Aircraft Capacity: 24; Carrier Victory Point Bonus: 65</i> <i>Poor underwater protection; Poor magazine protection; Poor carrier safety</i> <i>• SRAA increased to 5 in July 1944 (cost +20)</i>						
Shinyo		1934	23	22	+ 1	5 RB	3	3	302
			23	9	0	0	0	0	0
	1: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
	Shinyo		<i>SRAA: 4; DP: 4</i> <i>Carrier Handling: 9; Catapults: 0; Maximum Operational Aircraft Capacity: 33; Carrier Victory Point Bonus: 100</i> <i>Poor underwater protection; Poor magazine protection; Poor carrier safety</i> <i>• SRAA increased to 5 (cost +10)</i>						
Taiyo		1940	21	21	+ 1	5 RB	2	3	217
	<i>Data for: Taiyo</i>		21	9	0	0	0	0	0
	1: 6x4.7" (L/46) DP — [01] — S1: PB(x3).SB(x3)		1	4	4	3	1	0	—
	Taiyo		<i>SRAA: 2; DP: 2</i> <i>Carrier Handling: 8; Catapults: 0; Maximum Operational Aircraft Capacity: 27; Carrier Victory Point Bonus: 59</i> <i>Poor underwater protection; Poor magazine protection; Poor carrier safety</i> <i>• SRAA in 1943 is 3 (cost +10)</i> <i>• SRAA in 1944 is 6 (cost +40) (see also change in heavy AA)</i>						
	Variant 1 replaces the above entry for Weapon Battery #: 1								
	4x5" (L/40) DP — [02] — S2: PB.SB		2	3	4	2	1	—	—
	<i>Note for Variant 1: Heavy AA guns changed in 1944</i>								
	<i>DP value changed from 2 to 3.</i>								
	<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 13</i>								

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

CVS **Seaplane Carrier**

Chitose	1936	12	29	+ 0	4 RB	2	2	155
		12	9	0	0	0	0	0
1: 4x5" (L/40) DP — [02] — S2: B.S		2	3	4	2	1	—	—
Chitose, Chiyoda		<i>Scout Planes: 12; SRAA: 2; DP: 3</i> <i>Poor carrier safety</i> <i>• Both converted to carriers in 1942/43</i>						

Mizuho	1938	12	22	+ 0	4 RB	2	2	147
		12	9	0	0	0	0	0
1: 6x5" (L/40) DP — [02] — S2: B.PB.SB		2	3	4	2	1	—	—
Mizuho		<i>Scout Planes: 24; SRAA: 2; DP: 3</i> <i>Poor carrier safety</i> <i>• SRAA increased to 3 in 1944</i>						

Nisshin	1939	13	28	+ 0	4 RB	2	2	202
		13	9	0	0	0	0	0
1: 6x5.5" (L/50) — [06] — UT2: B(x2).CB		3	4	5	4	2	1	—
Nisshin		<i>Scout Planes: 25; SRAA: 3</i> <i>Poor carrier safety</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

CA Heavy Cruiser

Aoba	1924	13	35	- 1	4 RB	2	3	328
<i>Data for: 1927</i>		9	9	4	2	0	1	0
1: 6x8" (L/50) — [04] — AT2: B(x2).S		2	4	8	6	4	3	—
2: 4x4.7" (L/46) DP — [01] — S1: PB(x2).SB(x2)		1	4	4	3	1	0	—
3: 12x24" Torpedo — [02] — TT3: PB(x2).SB(x2)		6	4	+1	+1	+0	+0	—
Aoba, Kinugasa		<i>Scout Planes: 1; DP: 2</i>						

Aoba	1924	15	33	- 1	4 RB	2	3	464
<i>Data for: 1940</i>		10	9	4	2	0	1	0
1: 6x8" (L/50) — [09] — AT2: B(x2).S		4	4	8	6	4	3	—
2: 4x4.7" (L/46) DP — [01] — S1: PB(x2).SB(x2)		1	4	4	3	1	0	—
3: 8x24" Torpedo — [04] * — TT4: PB.SB		7	4	+2	+2	+2	+2	—
Aoba, Kinugasa		<i>Scout Planes: 2; SRAA: 2; DP: 2</i>						
		• Aoba: SRAA 3 by May 1944 (cost +10), 5 in July 1944 (cost +30)						

Furutaka	1922	13	35	- 1	4 RB	2	3	318
<i>Data for: 1926</i>		8	9	4	2	0	1	0
1: 6x8" (L/50) — [04] — AT1: B(x2).CB(x2).S(x2)		2	4	8	6	4	3	—
2: 12x24" Torpedo — [02] — TT3: PB(x2).SB(x2)		6	4	+1	+1	+0	+0	—
Furutaka, Kako		<i>Scout Planes: 1; SRAA: 3</i>						

Class Name Variant or Small Vessel Grouping (where appropriate)	Initial in service date	S	Spd	Size	Vis	FC	DC	Cost
		F	MVR	Belt	Deck	CT	T #1	T #2
Armament		IP	RB	I	II	III	IV	V
Ships in Class	Other Weapons and Equipment, Notes							

Japan

CA Heavy Cruiser

Furutaka	1922	14	33	- 1	4 RB	2	3	460
<i>Data for: 1939</i>		10	9	4	2	0	1	0
1: 6x8" (L/50) — [09] — AT2: B(x2).S		4	4	8	6	4	3	—
2: 4x4.7" (L/46) DP — [01] — S1: PB(x2).SB(x2)		1	4	4	3	1	0	—
3: 8x24" Torpedo — [04] * — TT4: PB.SB		7	4	+2	+2	+2	+2	—
Furutaka, Kako		Scout Planes: 2; SRAA: 2; DP: 2						

Mogami	1931	21	35	+ 0	4 RB	2	3	813
<i>Data for: 1941</i>		13	10	5	3	0	1	0
1: 10x8" (L/50) — [09] — AT2: B(x2).CB.S(x2)		4	4	8	6	4	3	—
2: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
3: 12x24" Torpedo — [04] * — TT3: PB(x2).SB(x2); TR: PB(x2).SB(x2)		7	4	+2	+2	+2	+2	—
Mogami, Mikuma, Suzuya, Kumano		Scout Planes: 3; SRAA: 2; DP: 4						

• Suzuya, Kumano: SRAA 3 from 1943 (cost +10), 4 from January 1944 (cost +20), 5 from July 1944 (cost +30)
• Mogami completely rebuilt in 1942 / 1943 (see separate data)

Variant 1 replaces the above entry for Weapon Battery #: 3

12x24" Torpedo — [05] * — TT3: PB(x2).SB(x2); TR: PB(x2).SB(x2)	9	4	+2	+2	+2	+1	—
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Note for Variant 1: If rearmed with better torpedoes in 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 59

Mogami	1931	21	35	+ 0	4 RB	2	3	697
<i>Data for: 1943, Mogami</i>		13	10	5	3	0	1	0
1: 6x8" (L/50) — [09] — AT2: B(x2).CB		4	4	8	6	4	3	—
2: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
3: 12x24" Torpedo — [04] * — TT3: PB(x2).SB(x2); TR: PB(x2).SB(x2)		7	4	+2	+2	+2	+2	—
Mogami		Scout Planes: 11; SRAA: 4; DP: 4						

• SRAA 5 in June 1944 (cost +10)

Variant 1 replaces the above entry for Weapon Battery #: 3

12x24" Torpedo — [05] * — TT3: PB(x2).SB(x2); TR: PB(x2).SB(x2)	9	4	+2	+2	+2	+1	—
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Note for Variant 1: If rearmed with better torpedoes in 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 60

Class Name Variant or Small Vessel Grouping (where appropriate)	Initial in service date	S	Spd	Size	Vis	FC	DC	Cost
		F	MVR	Belt	Deck	CT	T #1	T #2
Armament		IP	RB	I	II	III	IV	V
Ships in Class	Other Weapons and Equipment, Notes							

Japan

CA Heavy Cruiser

Nachi 1924 16 36 +0 4 RB 2 3 570

Data for: 1929

1: 10x8" (L/50) — [09] — AT2: B(x2).CB.S(x2)	4	4	8	6	4	3	—
2: 6x4.7" (L/46) DP — [01] — S1: PB(x3).SB(x3)	1	4	4	3	1	0	—
3: 12x24" Torpedo — [02] — TT3: PB(x2).SB(x2)	6	4	+1	+1	+0	+0	—

Myoko, Nachi, Haguro, Ashigara

Scout Planes: 3; DP: 2

• Class was rearmed with new heavy AA and torpedoes in 1936. Apply both cost modifications.

Variant 1 replaces the above entry for Weapon Battery #: 2

8x5" (L/40) DP — [02] — S2: PB(x4).SB(x4)	2	3	4	2	1	—	—
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Note for Variant 1: Vessels rearmed in 1936

DP value changed from 2 to 4.

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 42

Variant 2 replaces the above entry for Weapon Battery #: 3

8x24" Torpedo — [04] * — TT4: PB.SB	7	4	+2	+2	+2	+2	—
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Note for Variant 2: Vessels rearmed in 1936

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 2: + 8

Nachi 1924 18 34 +0 4 RB 2 3 766

Data for: 1941

1: 10x8" (L/50) — [09] — AT2: B(x2).CB.S(x2)	4	4	8	6	4	3	—
2: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)	2	3	4	2	1	—	—
3: 16x24" Torpedo — [04] * — TT4: PB(x2).SB(x2)	7	4	+2	+2	+2	+2	—

Myoko, Nachi, Haguro, Ashigara

Scout Planes: 3; SRAA: 2; DP: 4

• SRAA 3 in May 1944 (cost +10), 5 in July 1944 (cost +30)

Variant 1 replaces the above entry for Weapon Battery #: 3

16x24" Torpedo — [05] * — TT4: PB(x2).SB(x2)	9	4	+2	+2	+2	+1	—
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Note for Variant 1: Late model torpedo could be carried from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 53

Takao 1927 18 36 +0 4 RB 2 3 594

Data for: 1932

1: 10x8" (L/50) — [09] — AT2: B(x2).CB.S(x2)	4	4	8	6	4	3	—
2: 4x4.7" (L/46) DP — [01] — S1: PB(x2).SB(x2)	1	4	4	3	1	0	—
3: 8x24" Torpedo — [02] — TT2: PB(x2).SB(x2); TR(x4)	6	4	+1	+1	+0	+0	—

Takao, Atago, Chokai, Maya

Scout Planes: 3; SRAA: 2; DP: 2

Class Name Variant or Small Vessel Grouping (where appropriate)	Initial in service date	S	Spd	Size	Vis	FC	DC	Cost
		F	MVR	Belt	Deck	CT	T #1	T #2
Armament		IP	RB	I	II	III	IV	V
Ships in Class	Other Weapons and Equipment, Notes							

Japan

CA Heavy Cruiser

Takao	1927	23	34	+ 0	4 RB	3	3	801
<i>Data for: 1939, 1st group</i>		14	10	5	2	0	1	0
1: 10x8" (L/50) — [09] — AT2: B(x2).CB.S(x2)		4	4	8	6	4	3	—
2: 4x4.7" (L/46) DP — [01] — S1: PB(x2).SB(x2)		1	4	4	3	1	0	—
3: 16x24" Torpedo — [04] * — TT4: PB(x2).SB(x2); TR:PB(x1).SB(x1)		7	4	+2	+2	+2	+2	—
Takao, Atago		<i>Scout Planes: 3; SRAA: 2; DP: 2</i>						

Takao	1927	23	34	+ 0	4 RB	3	3	673
<i>Data for: 1941, 2nd group</i>		14	10	5	2	0	1	0
1: 10x8" (L/50) — [09] — AT2: B(x2).CB.S(x2)		4	4	8	6	4	3	—
2: 4x4.7" (L/46) DP — [01] — S1: PB(x2).SB(x2)		1	4	4	3	1	0	—
3: 8x24" Torpedo — [04] * — TT2: PB(x2).SB(x2); TR: PB(x1).SB(x1)		7	4	+2	+2	+2	+2	—
Chokai, Maya		<i>Scout Planes: 3; SRAA: 1; DP: 2</i> • Chokai: SRAA 4 from 1944 (cost +30)						

Variant 1 replaces the above entry for Weapon Battery #: 3

8x24" Torpedo — [05] * — TT4: PB(x2).SB(x2); TR:PB(x1).SB(x1)		9	4	+2	+2	+2	+1	—
<i>Note for Variant 1: Improved torpedo available from 1944 in Chokai</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 40</i>								

Takao	1927	23	34	+ 0	4 RB	3	3	849
<i>Data for: 1942, 1st group</i>		14	10	5	2	0	1	0
1: 10x8" (L/50) — [09] — AT2: B(x2).CB.S(x2)		4	4	8	6	4	3	—
2: 8x5" (L/40) DP — [02] — S1: PB(x2).SB(x2)		2	3	4	2	1	—	—
3: 16x24" Torpedo — [04] * — TT4: PB(x2).SB(x2); TR:PB(x1).SB(x1)		7	4	+2	+2	+2	+2	—
Takao, Atago		<i>Scout Planes: 3; SRAA: 2; DP: 4</i> • SRAA 4 in January 1944 (cost +20)						

Variant 1 replaces the above entry for Weapon Battery #: 3

16x24" Torpedo — [05] * — TT4: PB(x2).SB(x2); TR:PB(x1).SB(x1)		9	4	+2	+2	+2	+1	—
<i>Note for Variant 1: Improved torpedo available from 1944</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 66</i>								

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

CA Heavy Cruiser

Takao	1927	23	34	+ 0	4 RB	3	3	782
<i>Data for: 1944, 2nd group</i>		14	10	5	2	0	1	0
1: 8x8" (L/50) — [09] — AT2: B(x2).S(x2)		4	4	8	6	4	3	—
2: 12x5" (L/40) DP — [02] — S2: PB(x3).SB(x3)		2	3	4	2	1	—	—
3: 16x24" Torpedo — [04] * — TT4: PB(x2).SB(x2)		7	4	+2	+2	+2	+2	—

Maya

Scout Planes: 3; SRAA: 4; DP: 5

Variant 1 replaces the above entry for Weapon Battery #: 3

16x24" Torpedo — [05] * — TT4: PB(x2).SB(x2)	9	4	+2	+2	+2	+1	—
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Note for Variant 1: Improved torpedo available from 1944 in Maya

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 53

Tone	1934	18	35	+ 0	4 RB	2	3	630
<i>Data for: 1939</i>		11	10	5	3	0	1	0
1: 8x8" (L/50) — [09] — AT2: B(x2).CB(x2)		4	4	8	6	4	3	—
2: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
3: 12x24" Torpedo — [04] * — TT3: PB(x2).SB(x2)		7	4	+2	+2	+2	+2	—

Tone, Chikuma

Scout Planes: 6; SRAA: 2; DP: 4

• SRAA 3 in 1943 (cost +10), 5 in June 1944 (cost +30)

Variant 1 replaces the above entry for Weapon Battery #: 3

12x24" Torpedo — [05] * — TT3: PB(x2).SB(x2)	9	4	+2	+2	+2	+1	—
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Note for Variant 1: Improved torpedo available from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 40

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

CL **Light Cruiser**

Agano	1940	10	35	- 1	4 RB	2	3	401
<i>Data for: 1942</i>		8	9	3	0	0	1	0
1: 6x6" (L/50) — [05] — AT2: B(x2).S		2	4	6	4	2	1	—
2: 8x24" Torpedo — [04] * — TT4: CB(x2): TR (x2)		7	4	+2	+2	+2	+2	—
Agano, Noshiro, Yahagi, Sakawa		Scout Planes: 2; SRAA: 5 • SRAA 6 from 1944 (cost +10)						

Variant 1 replaces the above entry for Weapon Battery #: 2

8x24" Torpedo — [05] * — TT4: CB(x2): TR (x2)		9	4	+2	+2	+2	+1	—
<i>Note for Variant 1: Improved torpedoes available from 1944</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 48</i>								

Ioshima	1930	4	22	- 2	3 RB	1	2	176
<i>Data for: (ex Chinese ships)</i>		4	5	0	1	0	0	0
1: 6x5.5" (L/50) — [06] — S2: B.S(x2)		3	3	5	4	2	—	—
2: 4x21" Torpedo — [13] — TT2: PB.SB		4	3	+0	+0	+0	—	—
Ioshima, Yasoshima		Scout Planes: 2; SRAA: 3 Armament shown is as fitted originally for Chinese use. The actual main armament for each ship as used by Japan is shown below.						

Variant 1 replaces the above entry for Weapon Battery #: 1

6x5" (L/40) DP — [02] — S2: B.S(x2)		2	3	4	2	1	—	—
<i>Note for Variant 1: Ioshima main armament</i>								
<i>DP value changed from 0 to 3.</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: - 18</i>								

Variant 2 replaces the above entry for Weapon Battery #: 1

3x5" (L/40) DP — [02] — S1: B; S2: S		2	3	4	2	1	—	—
<i>Note for Variant 2: Yasoshima main armament</i>								
<i>DP value changed from 0 to 2.</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 2: - 49</i>								

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

CL *Light Cruiser*

Katori	1938	11	18	- 1	4 RB	2	2	191
<i>Data for: 1938</i>		10	6	0	3	0	0	0
1: 4x5.5" (L/50) — [06] — UT2: B.S		3	4	5	4	2	1	—
2: 2x5" (L/40) DP — [02] — S2: S		2	3	4	2	1	—	—
3: 4x21" Torpedo — [13] — TT2: PB.SB		4	3	+0	+0	+0	—	—

Katori, Kashima, Kashii

Scout Planes: 1; SRAA: 1; DP: 2
 • SRAA 3 from 1943 (cost +20). Note also torpedoes removed and heavy AA increased at this time (see below).
 • SRAA 4 from July 1944 (cost +30)

Variant 1 replaces the above entry for Weapon Battery #: 2

6x5" (L/40) DP — [02] — S2: PB.SB.S		2	3	4	2	1	—	—
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Note for Variant 1: Increased Heavy AA from 1943

DP value changed from 2 to 3.

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 34

Variant 2 replaces the above entry for Weapon Battery #: 3

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Note for Variant 2: Torpedoes removed in 1943

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 2: - 20

Kuma	1918	9	36	- 1	4 RB	2	2	190
<i>Data for: 1927</i>		7	8	3	2	0	0	0
1: 7x5.5" (L/50) — [03] — S1: B.PB.SB.CB(x3).S		2	4	5	4	2	1	—
2: 8x21" Torpedo — [13] — TT2: PB(x2).SB(x2)		4	3	+0	+0	+0	—	—

Kuma, Tama, Kiso, Kitakami, Oi

Scout Planes: 1; SRAA: 2

Kuma	1918	9	36	- 1	4 RB	2	2	220
<i>Data for: 1940</i>		7	8	3	2	0	0	0
1: 7x5.5" (L/50) — [03] — S1: B.PB.SB.CB(x3).S		2	4	5	4	2	1	—
2: 8x24" Torpedo — [03] — TT2: PB(x2).SB(x2)		6	3	+1	+1	+1	—	—

Kuma, Tama, Kiso, Kitakami, Oi

Scout Planes: 1; SRAA: 2

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

CL **Light Cruiser**

Kuma	1918	9	36	- 1	4 RB	2	2	264
<i>Data for: 1944, Tama, Kiso</i>		7	8	3	2	0	0	0
1: 5x5.5" (L/50) — [03] — S1: B.PB.SB.CB(x2)		2	4	5	4	2	1	—
2: 2x5" (L/40) DP — [02] — S2: S		2	3	4	2	1	—	—
3: 8x24" Torpedo — [03] — TT2: PB(x2).SB(x2)		6	3	+1	+1	+1	—	—
Tama, Kiso		<i>Scout Planes: 1; SRAA: 5; DP: 2</i>						

Mogami	1931	15	37	- 1	4 RB	2	3	662
<i>Data for: 1935, as built as Light Cruiser</i>		9	10	5	3	0	1	0
1: 15x6.1" (L/60) — [01] — AT3: B(x2).CB.S(x2)		2	4	7	5	3	2	—
2: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
3: 12x24" Torpedo — [04] * — TT3: PB(x2).SB(x2); TR: PB(x2).SB(x2)		7	4	+2	+2	+2	+2	—
Mogami, Mikuma		<i>Scout Planes: 3; SRAA: 2; DP: 4</i>						

Mogami	1931	19	35	+ 0	4 RB	2	3	682
<i>Data for: 1938, after first reconstruction</i>		12	10	5	3	0	1	0
1: 15x6.1" (L/60) — [01] — AT3: B(x2).CB.S(x2)		2	4	7	5	3	2	—
2: 8x5" (L/40) DP — [02] — S2: PB(x2).SB(x2)		2	3	4	2	1	—	—
3: 12x24" Torpedo — [04] * — TT3: PB(x2).SB(x2); TR: PB(x2).SB(x2)		7	4	+2	+2	+2	+2	—
Mogami, Mikuma, Suzuya, Kumano		<i>Scout Planes: 3; SRAA: 2; DP: 4</i>						
		• <i>State of vessels after first reconstruction prior to WW2</i>						

Class Name Variant or Small Vessel Grouping (where appropriate)	Initial in service date	S	Spd	Size	Vis	FC	DC	Cost
		F	MVR	Belt	Deck	CT	T #1	T #2
Armament		IP	RB	I	II	III	IV	V
Ships in Class	Other Weapons and Equipment, Notes							

Japan

CL Light Cruiser

Nagara	1920	9	36	- 1	4 RB	2	2	229
<i>Data for: 1923</i>		7	8	3	2	0	0	0
1: 7x5.5" (L/50) — [03] — S1:B.PB.SB.CB(x3).S		2	4	5	4	2	1	—
2: 8x24" Torpedo — [02] — TT2: PB(x2).SB(x2)		6	4	+1	+1	+0	+0	—
Nagara, Isuzu, Natori, Yura, Kinu, Abukuma		SRAA: 2 • 1 Aircraft added 1937						

Nagara	1920	10	36	- 1	4 RB	2	2	341
<i>Data for: 1943</i>		7	8	3	2	0	0	0
1: 5x5.5" (L/50) — [03] — S1:B.PB.SB.CB(x2)		2	4	5	4	2	1	—
2: 2x5" (L/40) DP — [02] — S2: S		2	3	4	2	1	—	—
3: 16x24" Torpedo — [02] — TT4: PB(x2).SB(x2)		6	4	+1	+1	+0	+0	—
Nagara, Isuzu, Natori, Kinu, Abukuma		SRAA: 4; DP: 2 • SRAA 5 from June 1944 (cost +10)						

Nagara	1920	10	36	- 1	4 RB	2	2	260
<i>Data for: 1945, Isuzu</i>		7	8	3	2	0	0	0
1: 6x5" (L/40) DP — [02] — S2: B.CB.S		2	3	4	2	1	—	—
2: 8x24" Torpedo — [02] — TT4: PB.SB		6	4	+1	+1	+0	+0	—
Isuzu		SRAA: 4; DP: 3						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

CL Light Cruiser

Oyodo	1941	12	35	- 1	4 RB	2	3	276
		9	9	3	2	0	1	0
1: 6x6.1" (L/60) — [01] — AT3: B(x2)		2	4	7	5	3	2	—
2: 8x3.9" (L/65) DP — [01] — S2: PB(x2).SB(x2)		2	4	4	3	1	1	—
Oyodo		Scout Planes: 2; SRAA: 2; DP: 4 • SRAA 5 in June 1944 (cost +30)						

Sendai	1922	9	35	- 1	4 RB	2	2	250
<i>Data for: 1925</i>		7	8	3	1	0	0	0
1: 7x5.5" (L/50) — [05] — S1: B.CB(x3).PB.SB.S		3	4	5	4	2	1	—
2: 8x24" Torpedo — [03] — TT2: PB(x2).SB(x2)		6	3	+1	+1	+1	—	—
Naka, Sendai, Jintsu		Scout Planes: 1; SRAA: 2						

Sendai	1922	9	35	- 1	4 RB	2	2	248
<i>Data for: 1943</i>		7	8	3	1	0	0	0
1: 7x5.5" (L/50) — [05] — S1: B.CB(x3).PB.SB.S		3	4	5	4	2	1	—
2: 2x5" (L/40) DP — [02] — S2: CB		2	3	4	2	1	—	—
Naka, Sendai, Jintsu		Scout Planes: 1; SRAA: 5; DP: 2						

Tenryu	1917	7	33	- 1	4 RB	1	2	135
		5	7	3	1	0	0	0
1: 4x5.5" (L/50) — [04] — S1: B.CB(x2).S		2	3	5	4	2	—	—
2: 6x21" Torpedo — [13] — TT3: CB(x2)		4	3	+0	+0	+0	—	—
Tenryu, Tatsuta		SRAA: 1						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

CL **Light Cruiser**

Yubari	1922	7	35	- 1	3 RB	1	2	199
<i>Data for: 1923</i>		5	7	3	1	0	1	0
1: 6x5.5" (L/50) — [05] — AT2: B.S; S1:B.S		3	3	5	4	2	—	—
2: 4x24" Torpedo — [03] — TT2: CB(x2)		6	3	+1	+1	+1	—	—
Yubari		SRAA: 1						

Yubari	1922	8	32	- 1	4 RB	2	2	186
<i>Data for: 1943</i>		6	7	3	1	0	1	0
1: 4x5.5" (L/50) — [05] — AT2: B.S		3	4	5	4	2	1	—
2: 4x24" Torpedo — [03] — TT2: CB(x2)		6	3	+1	+1	+1	—	—
Yubari		SRAA: 2						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

CT Torpedo Cruiser

Kuma	1918	12	36	- 1	4 RB	2	2	748
<i>Data for: 1941, Kitakami, Oi</i>		9	8	3	2	0	0	0
1: 4x5.5" (L/50) — [03] — S1: B.PB.SB.CB		2	4	5	4	2	1	—
2: 40x24" Torpedo — [04] * — TT4: PB(x5).SB(x5)		7	4	+2	+2	+2	+2	—
Oi, Kitakami		SRAA: 3						

Kuma	1918	12	36	- 1	4 RB	2	2	301
<i>Data for: 1943, Kitakami, Oi</i>		9	8	3	2	0	0	0
1: 4x5" (L/40) DP — [02] — S2: B.S		2	3	4	2	1	—	—
2: 8x24" Torpedo — [04] * — TT4: PB.SB		7	4	+2	+2	+2	+2	—
Oi, Kitakami		SRAA: 3; DP: 3 • Following conversion to 'Daihatsu' carriers						

Kuma	1918	11	32	- 1	4 RB	2	2	590
<i>Data for: 1944, Kitakami</i>		9	8	3	2	0	0	0
1: 4x5" (L/40) DP — [02] — S2: B.S		2	3	4	2	1	—	—
2: 24x24" Torpedo — [05] * — TT4: PB(x3).SB(x3)		9	4	+2	+2	+2	+1	—
Kitakami		SRAA: 2; DP: 3 • SRAA 6 in 1945, speed reduced to 23 knots (overall cost +18)						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

CT

Torpedo Cruiser

Kuma

1918

12 36 - 1 4 RB 2 2 337

Data for: 1944, Oi

9 8 3 2 0 0 0

1: 4x5" (L/40) DP — [02] — S2: B.S

2 3 4 2 1 — —

2: 8x24" Torpedo — [05] * — TT4: PB.SB

9 4 +2 +2 +2 +1 —

Oi

SRAA: 4; DP: 3

• SRAA 6 in 1945 (cost +20)

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DD Destroyer

Akatsuki	1931	3	38	- 2	3 RB	1	1	181
<i>Data for: 1932, as built</i>		3	6	0	0	0	0	0
1: 6x5" (L/51) — [02] — UT2: B.S(x2)		2	3	5	3	2	—	—
2: 9x24" Torpedo — [03] — TT3: CB(x3)		6	3	+1	+1	+1	—	—
Akatsuki, Hibiki, Ikazuchi, Inazuma								

Akatsuki	1931	4	38	- 2	3 RB	1	1	194
<i>Data for: 1937, after rebuild</i>		4	6	0	0	0	0	0
1: 6x5" (L/51) — [02] — UT2: B.S(x2)		2	3	5	3	2	—	—
2: 9x24" Torpedo — [03] — TT3: CB(x3)		6	3	+1	+1	+1	—	—
Akatsuki, Hibiki, Ikazuchi, Inazuma								

Variant 1 replaces the above entry for Weapon Battery #: 2

9x24" Torpedo — [04] * — TT3: CB(x3)		7	3	+2	+2	+2	—	—
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Note for Variant 1: If armed with Long Lance type torpedoes

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 33

Akatsuki	1931	4	38	- 2	3 RB	1	1	205
<i>Data for: 1942</i>		4	6	0	0	0	0	0
1: 4x5" (L/51) — [02] — UT2: B.S		2	3	5	3	2	—	—
2: 9x24" Torpedo — [03] — TT3: CB(x3)		6	3	+1	+1	+1	—	—
Akatsuki, Hibiki, Ikazuchi, Inazuma								
SRAA: 3								
• SRAA 4 in 1945 (cost +10)								

Variant 1 replaces the above entry for Weapon Battery #: 2

9x24" Torpedo — [04] * — TT3: CB(x3)		7	3	+2	+2	+2	—	—
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Note for Variant 1: If armed with Long Lance type torpedoes

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 33

Variant 2 replaces the above entry for Weapon Battery #: 2

9x24" Torpedo — [05] * — TT3: CB(x3)		9	3	+2	+2	+2	—	—
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Note for Variant 2: Of armed with improved Long Lance torpedoes from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 2: + 68

Class Name Variant or Small Vessel Grouping (where appropriate)	Initial in service date	S	Spd	Size	Vis	FC	DC	Cost
		F	MVR	Belt	Deck	CT	T #1	T #2
Armament		IP	RB	I	II	III	IV	V
Ships in Class	Other Weapons and Equipment, Notes							

Japan

DD Destroyer

Akitsuki 1941 4 33 -2 3 RB 1 2 231

Data for: 1941

4 7 0 0 0 0 0

1: 8x3.9" (L/65) DP — [01] — UT2: B(x2),S(x2)

2 3 4 3 1 — —

2: 4x24" Torpedo — [04] * — TT4: CB; TR

7 3 +2 +2 +2 — —

Akizuki, Teruzuki, Suzutsuki, Hatsutsuki, Niizuki, Wakatsuki, Shimotsuki, Fuyutsuki,
Hanatsuki, Yoizuki, Harutsuki, Natsuzuki

SRAA: 1; DP: 4
• SRAA 3 in 1943 (cost +20)
• SRAA 4 in 1944 (cost +30)
• SRAA 5 in 1945 (cost +40)

Variant 1 replaces the above entry for Weapon Battery #: 2

4x24" Torpedo — [05] * — TT4: CB; TR

9 3 +2 +2 +2 — —

Note for Variant 1: If armed with improved Long Lance torpedo from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 23

Asashio 1936 3 35 -2 3 RB 1 1 261

Data for: 1939. as built

3 6 0 0 0 0 0

1: 6x5" (L/51) — [02] — UT2: B.S(x2)

2 3 5 3 2 — —

2: 8x24" Torpedo — [04] * — TT4: CB(x2); TR(x2)

7 3 +2 +2 +2 — —

Asashio, Oshio, Michishio, Arashio, Natsugumo, Yamagumo, Minegumo, Asagumo,
Arare, Kisumi

SRAA: 1

Asashio 1936 3 35 -2 3 RB 1 1 262

Data for: 1943

3 6 0 0 0 0 0

1: 4x5" (L/51) — [02] — UT2: B.S(x2)

2 3 5 3 2 — —

2: 8x24" Torpedo — [04] * — TT4: CB(x2); TR(x2)

7 3 +2 +2 +2 — —

Asashio, Oshio, Michishio, Arashio, Yamagumo, Minegumo, Asagumo, Kisumi

SRAA: 3
• SRAA 4 in 1944 (cost +10)

Variant 1 replaces the above entry for Weapon Battery #: 2

8x24" Torpedo — [05] * — TT4: CB(x2); TR(x2)

9 3 +2 +2 +2 — —

Note for Variant 1: If armed with improved Long Lance torpedo from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 46

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DD Destroyer

Fubuki 1927 3 38 -2 3 RB 1 1 175

Data for: 1929, as built 3 6 0 0 0 0 0

1: 6x5" (L/51) — [02] — UT2: B.S(x2) 2 3 5 3 2 — —
 2: 9x24" Torpedo — [02] — TT3: CB(x3) 6 3 +1 +1 +0 — —

Fubuki, Shinonome, Usugumo, Shirakumo, Isonami, Shirayuki, Hatsuyuki, Miyuki, Murakumo, Uranami, Shikinami, Ayanami, Asagiri, Sagiri, Yugiri, Amagiri, Oboro, Akebono, Sazanami, Ushio

Fubuki 1927 4 34 -2 3 RB 1 1 198

Data for: 1937, after rebuild 4 6 0 0 0 0 0

1: 6x5" (L/51) — [02] — UT2: B.S(x2) 2 3 5 3 2 — —
 2: 9x24" Torpedo — [03] — TT3: CB(x3) 6 3 +1 +1 +1 — —

Fubuki, Shinonome, Usugumo, Shirakumo, Isonami, Shirayuki, Hatsuyuki, Murakumo, Uranami, Shikinami, Ayanami, Asagiri, Sagiri, Yugiri, Amagiri, Oboro, Akebono, Sazanami, Ushio SRAA: 1

Variant 1 replaces the above entry for Weapon Battery #: 2

9x24" Torpedo — [04] * — TT3: CB(x3) 7 3 +2 +2 +2 — —

Note for Variant 1: If armed with Long Lance type torpedo

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 33

Fubuki 1927 4 34 -2 3 RB 1 2 199

Data for: 1944 4 6 0 0 0 0 0

1: 4x5" (L/51) — [02] — UT2: B.S 2 3 5 3 2 — —
 2: 9x24" Torpedo — [03] — TT3: CB(x3) 6 3 +1 +1 +1 — —

Usugumo, Shirakumo, Uranami, Shikinami, Amagiri, Akebono, Sazanami, Ushio SRAA: 3

Variant 1 replaces the above entry for Weapon Battery #: 2

9x24" Torpedo — [04] * — TT3: CB(x3) 7 3 +2 +2 +2 — —

Note for Variant 1: If armed with Long Lance type torpedo

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 33

Variant 2 replaces the above entry for Weapon Battery #: 2

9x24" Torpedo — [05] * — TT3: CB(x3) 9 3 +2 +2 +2 — —

Note for Variant 2: If armed with improved Long Lance type torpedo from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 2: + 68

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DD Destroyer

Hatsuharu	1932	3	37	- 2	3 RB	1	1	271
<i>Data for: 1935, as built</i>		3	5	0	0	0	0	0
1: 5x5" (L/51) — [02] — UT2: B.S; UT1: B		2	3	5	3	2	—	—
2: 9x24" Torpedo — [04] * — TT3: CB(x3); TR(x3)		7	3	+2	+2	+2	—	—
Hatsuharu, Nenohi, Hatsushimo, Wakaba								

Hatsuharu	1932	3	33	- 2	3 RB	1	1	205
<i>Data for: 1937, as reconstructed</i>		3	5	0	0	0	0	0
1: 5x5" (L/51) — [02] — UT2: B.S; UT1: CB		2	3	5	3	2	—	—
2: 6x24" Torpedo — [04] * — TT3: CB(x2); TR(x2)		7	3	+2	+2	+2	—	—
Hatsuharu, Nenohi, Hatsushimo, Wakaba, Yugure, Ariake								

Hatsuharu	1932	3	33	- 2	3 RB	1	1	227
<i>Data for: 1943</i>		3	5	0	0	0	0	0
1: 4x5" (L/51) — [02] — UT2: B.S		2	3	5	3	2	—	—
2: 6x24" Torpedo — [04] * — TT3: CB(x2); TR(x2)		7	3	+2	+2	+2	—	—
Hatsuharu, Hatsushimo, Wakaba, Yugure, Ariake		SRAA: 3						

Variant 1 replaces the above entry for Weapon Battery #: 2

6x24" Torpedo — [05] * — TT3: CB(x2); TR(x2)	9	3	+2	+2	+2	—	—
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Note for Variant 1: If armed with improved Long Lance torpedo from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 35

Kagero	1938	4	35	- 2	3 RB	1	2	273
<i>Data for: 1940</i>		4	6	0	0	0	0	0
1: 6x5" (L/51) — [02] — UT2: B.S(x2)		2	3	5	3	2	—	—
2: 8x24" Torpedo — [04] * — TT4: CB(x2); TR(x2)		7	3	+2	+2	+2	—	—
Kagero, Kuroshio, Oyahio, Hatsukaze, Natsushio, Yukikaze, Hayashio, Maikaze, Isokaze, Shiranui, Amatsukaze, Tokitsukaze, Urakaze, Hamakaze, Nowaki, Arashi, Hagikaze, Tanikaze		SRAA: 1						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DD **Destroyer**

Kagero	1938	4	35	- 2	3 RB	1	2	274
<i>Data for: 1943</i>		4	6	0	0	0	0	0
1: 4x5" (L/51) — [02] — UT2: B.S		2	3	5	3	2	—	—
2: 8x24" Torpedo — [04] * — TT4: CB(x2); TR(x2)		7	3	+2	+2	+2	—	—
Yukikaze, Maikaze, Isokaze, Shiranui, Amatsukaze, Urakaze, Hamakaze, Nowaki, Tanikaze		SRAA: 3						

Variant 1 replaces the above entry for Weapon Battery #: 2

8x24" Torpedo — [05] * — TT4: CB(x2); TR(x2)		9	3	+2	+2	+2	—	—
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Note for Variant 1: If armed with improved Long Lance torpedo from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 46

Kamikaze	1921	3	37	- 2	3 RB	1	1	90
<i>Data for: 1922</i>		3	5	0	0	0	0	0
1: 4x4.7" (L/45) — [06] — S1: B.CB(x2).S		1	3	4	3	1	—	—
2: 6x21" Torpedo — [13] — TT2: CB(x3)		4	3	+0	+0	+0	—	—
Asakaze, Asanagi, Harukaze, Hatakaze, Hayate, Kamikaze, Matsukaze, Oite, Yunagi								

Kamikaze	1921	3	37	- 2	3 RB	1	1	116
<i>Data for: 1941</i>		3	5	0	0	0	0	0
1: 3x4.7" (L/46) DP — [01] — S1: B.CB.S		1	3	4	3	1	—	—
2: 4x21" Torpedo — [13] — TT2: CB(x2)		4	3	+0	+0	+0	—	—
Asakaze, Asanagi, Harukaze, Hatakaze, Hayate, Kamikaze, Matsukaze, Oite, Yunagi		SRAA: 2; DP: 2						

Kamikaze	1921	3	35	- 2	3 RB	1	1	124
<i>Data for: 1944</i>		3	5	0	0	0	0	0
1: 3x4.7" (L/46) DP — [01] — S1: B.CB.S		1	3	4	3	1	—	—
2: 4x21" Torpedo — [13] — TT2: CB(x2)		4	3	+0	+0	+0	—	—
Asakaze, Harukaze, Hatakaze, Kamikaze, Yunagi		SRAA: 3; DP: 2						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DD Destroyer

Minekaze	1918	3	39	-2	3 RB	1	1	93
<i>Data for: 1920</i>		3	5	0	0	0	0	0
1: 4x4.7" (L/45) — [06] — S1: B.CB(x2).S		1	3	4	3	1	—	—
2: 6x21" Torpedo — [13] — TT2: CB(x3)		4	3	+0	+0	+0	—	—
Minekaze, Sawakaze, Okikaze, Hakaze, Yakaze, Nadakaze, Shimakaze, Akikaze, Shiokaze, Yukaze, Hokaze, Tachikaze, Nokaze, Namikaze, Numakaze								

Minekaze	1918	3	36	-2	3 RB	1	1	89
<i>Data for: 1939, main group</i>		3	5	0	0	0	0	0
1: 4x4.7" (L/45) — [06] — S1: B.CB(x2).S		1	3	4	3	1	—	—
2: 6x21" Torpedo — [13] — TT2: CB(x3)		4	3	+0	+0	+0	—	—
Minekaze, Sawakaze, Okikaze, Hakaze, Nadakaze, Shimakaze, Akikaze, Shiokaze, Yukaze, Hokaze, Tachikaze		<ul style="list-style-type: none"> • SRAA 2 from 1941 (cost +20 points) • SRAA increased to 3 from 1944 (cost +30 points) 						

Variant 1 replaces the above entry for Weapon Battery #: 1

2x4.7" (L/46) DP — [01] — S1: B.S		1	3	4	3	1	—	—
<i>Note for Variant 1: Most vessels rearmed as escorts from 1942</i>								
<i>DP value changed from 0 to 1.</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 3</i>								

Minekaze	1918	3	35	-2	3 RB	1	1	88
<i>Data for: 1939, Nokaze group</i>		3	5	0	0	0	0	0
1: 4x4.7" (L/45) — [06] — S1: B.CB(x2).S		1	3	4	3	1	—	—
2: 6x21" Torpedo — [13] — TT2: CB(x3)		4	3	+0	+0	+0	—	—
Nokaze, Namikaze, Numakaze		<ul style="list-style-type: none"> • SRAA 2 from 1941 (cost +20 points) • SRAA increased to 3 from 1944 (cost +30 points) 						

Variant 1 replaces the above entry for Weapon Battery #: 1

2x4.7" (L/46) DP — [01] — S1: B.S		1	3	4	3	1	—	—
<i>Note for Variant 1: Vessels rearmed as escorts from 1942</i>								
<i>DP value changed from 0 to 1.</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 3</i>								

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DD **Destroyer**

Minekaze	1918	3	20	- 2	3 RB	1	1	72
<i>Data for: 1939, Patrol Boats</i>		3	5	0	0	0	0	0
1: 2x4.7" (L/46) DP — [01] — S1: B.S		1	3	4	3	1	—	—
2: 2x21" Torpedo — [13] — TT2: CB		4	3	+0	+0	+0	—	—
Patrol boat No 2 (ex-Nadakaze), Patrol boat No 1 (ex-Shimakaze)		SRAA: 2; DP: 1 • SRAA increased to 3 from 1944 (cost +10 points)						

Variant 1 replaces the above entry for Weapon Battery #: 1

1x4.7" (L/46) DP — [01] — S1: B		1	3	4	3	1	—	—
<i>Note for Variant 1: Guns reduced from 1942</i>								
<i>DP value changed from 1 to 1.</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: - 4</i>								

Momi	1919	2	36	- 3	3 RB	1	1	68
<i>Data for: 1923</i>		2	4	0	0	0	0	0
1: 3x4.7" (L/45) — [06] — S1: B.CB.S		1	3	4	3	1	—	—
2: 4x21" Torpedo — [13] — TT2: CB(x2)		4	3	+0	+0	+0	—	—
Momi, Kaya, Nire, Nashi, Take, Kaki, Kuri, Tsuga, Fuji, Kiku, Aoi, Hagi, Susuki, Ashi, Tsuta, Warabi, Hasu, Hishi, Sumire, Yomogi, Tade								

Momi	1919	2	18	- 3	3 RB	1	1	46
<i>Data for: 1939, Patrol Boats</i>		2	4	0	0	0	0	0
1: 2x4.7" (L/45) — [06] — S1: B.S		1	3	4	3	1	—	—
Patrol Boat no 36 (ex-Fuji), Patrol Boat no 31 (ex-Kiku), Patrol Boat no 32 (ex-Aoi), Patrol Boat no 33 (ex-Hagi), Patrol Boat no 34 (ex-Susuki), Patrol Boat no 35 (ex-Tsuta), Patrol Boat no 37 (ex-Hishi), Patrol Boat no 38 (ex-Yomogi), Patrol Boat no 39 (ex-Tade)		SRAA: 2						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DD **Destroyer**

Momi	1919	2	36	- 3	3 RB	1	1	88
<i>Data for: 1942</i>		2	4	0	0	0	0	0
1: 3x4.7" (L/45) — [06] — S1: B.CB.S		1	3	4	3	1	—	—
2: 4x21" Torpedo — [13] — TT2: CB(x2)		4	3	+0	+0	+0	—	—
Kuri, Tsuga, Hasu		SRAA: 2						

Mutsuki	1925	2	37	- 2	3 RB	1	1	99
<i>Data for: 1927, as built</i>		2	5	0	0	0	0	0
1: 4x4.7" (L/45) — [06] — S1: B.CB(x2).S		1	3	4	3	1	—	—
2: 6x24" Torpedo — [02] — TT3: CB(x2)		6	3	+1	+1	+0	—	—
Mutsuki, Kisaragi, Yayoi, Uzuki, Satsuki, Minazuki, Fumizuki, Nagatsuki, Kikuzuki, Mikazuki, Mochizuki, Yuzuki		<ul style="list-style-type: none"> • <i>Converted to fast transports in 1941-1942. In this role SRAA became 2 (cost +20 in addition to other changes shown below)</i> • <i>SRAA increased to 3 in July 1944 (cost +30 in addition to other changes shown below)</i> 						

Variant 1 replaces the above entry for Weapon Battery #: 1

2x4.7" (L/45) — [06] — S1: B.S		1	3	4	3	1	—	—
<i>Note for Variant 1: After conversion to transport</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: - 7</i>								

Shimakaze	1942	4	39	- 2	3 RB	1	2	328
<i>Data for: 1942</i>		4	6	0	0	0	0	0
1: 6x5" (L/51) — [02] — UT2: B.S(x2)		2	3	5	3	2	—	—
2: 15x24" Torpedo — [04] * — TT5: CB(x3)		7	3	+2	+2	+2	—	—
Shimakaze		SRAA: 2						

Class Name Variant or Small Vessel Grouping (where appropriate)	Initial in service date	S	Spd	Size	Vis	FC	DC	Cost
		F	MVR	Belt	Deck	CT	T #1	T #2
Armament		IP	RB	I	II	III	IV	V
Ships in Class	Other Weapons and Equipment, Notes							

Japan

DD Destroyer

Shimakaze	1942	4	39	- 2	3 RB	1	2	319
<i>Data for: 1944</i>		4	6	0	0	0	0	0
1: 4x5" (L/51) — [02] — UT2: B.S		2	3	5	3	2	—	—
2: 15x24" Torpedo — [04] * — TT5: CB(x3)		7	3	+2	+2	+2	—	—
Shimakaze		SRAA: 3 • SRAA 4 in June 1944						

Variant 1 replaces the above entry for Weapon Battery #: 2

15x24" Torpedo — [05] * — TT5: CB(x3)	9	3	+2	+2	+2	—	—
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Note for Variant 1: If armed with improved Long Lance torpedoes

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 58

Shiratsuyu	1935	3	34	- 2	3 RB	1	1	246
<i>Data for: 1937, as built</i>		3	5	0	0	0	0	0
1: 5x5" (L/51) — [02] — UT2: B.S; UT1: CB		2	3	5	3	2	—	—
2: 8x24" Torpedo — [04] * — TT4: CB(x2); TR(x2)		7	3	+2	+2	+2	—	—
Shiratsuyu, Shigure, Murasame, Yudachi, Samidare, Harusame, Yamakaze, Kawakaze, Umikaze, Suzukaze								

Shiratsuyu	1935	3	34	- 2	3 RB	1	1	268
<i>Data for: 1943</i>		3	5	0	0	0	0	0
1: 4x5" (L/51) — [02] — UT2: B.S		2	3	5	3	2	—	—
2: 8x24" Torpedo — [04] * — TT4: CB(x2); TR(x2)		7	3	+2	+2	+2	—	—
Shiratsuyu, Shigure, Murasame, Samidare, Harusame, Kawakaze, Umikaze, Suzukaze		SRAA: 3						

Variant 1 replaces the above entry for Weapon Battery #: 2

8x24" Torpedo — [05] * — TT4: CB(x2); TR(x2)	9	3	+2	+2	+2	—	—
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Note for Variant 1: If armed with improved Long Lance Torpedo from 1944

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 46

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

DD Destroyer

Wakatake	1922	2	36	- 3	3 RB	1	1	68
<i>Data for: 1922</i>		2	4	0	0	0	0	0
1: 3x4.7" (L/45) — [06] — S1: B.CB.S		1	3	4	3	1	—	—
2: 4x21" Torpedo — [13] — TT2: CB(x2)		4	3	+0	+0	+0	—	—
Wakatake, Kuretake, Sanae, Sawarabi, Asagao, Yugao, Fuyo, Karukaya								

Wakatake	1922	2	18	- 3	3 RB	1	1	46
<i>Data for: 1940, Yugau, as patrol boat</i>		2	4	0	0	0	0	0
1: 2x4.7" (L/45) — [06] — S1: B.S		1	3	4	3	1	—	—
Patrol Boat no 46 (ex-Yugau)		SRAA: 2						

Wakatake	1922	2	31	- 2	3 RB	1	1	59
<i>Data for: 1941</i>		2	4	0	0	0	0	0
1: 2x4.7" (L/45) — [06] — S1: B.S		1	3	4	3	1	—	—
Wakatake, Kuretake, Sanae, Sawarabi, Asagao, Fuyo, Karukaya		SRAA: 2						

Variant 1 adds an additional battery to those shown above

2x21" Torpedo — [13] — TT2: CB		4	3	+0	+0	+0	—	—
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Note for Variant 1: Asagao only retained torpedo tubes

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 10

Yugumo	1941	4	35	- 2	3 RB	1	2	273
<i>Data for: 1941</i>		4	6	0	0	0	0	0
1: 6x5" (L/51) — [02] — UT2: B.S(x2)		2	3	5	3	2	—	—
2: 8x24" Torpedo — [04] * — TT4: CB(x2); TR(x2)		7	3	+2	+2	+2	—	—
Yugumo, Akigumo; from 1942: Kazekumo, Makikumo, Makinami, Takanami, Naganami		SRAA: 1						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DDE Destroyer Escort

Etorofu (Improved Type A)	<i>New Ship Data</i>	1942	3	20	- 3	3 RB	1	1	52
			3	4	0	0	0	0	0
1: 3x4.7" (L/45) — [06] — S1: B.S(x2)			1	3	4	3	1	—	—
Etorofu, Oki, Sado, Matsuwa, Fukue, Tsushima, Mutsure, Wakamija, Jirado, Amakusa, Manju, Kasado, Iki			<i>SRAA: 1</i> • <i>SRAA increased to 3 by late war (cost +20)</i>						

Etorofu (Improved Type A)	<i>New Ship Data</i>	1942	3	20	- 3	3 RB	1	1	48
<i>Data for: Kanju</i>			3	4	0	0	0	0	0
1: 2x4.7" (L/45) — [06] — S1: B.S			1	3	4	3	1	—	—
Kanju			<i>SRAA: 1</i> • <i>SRAA increased to 3 by late war (cost +20)</i>						

Matsu		1944	3	28	- 2	3 RB	1	1	158
			3	5	0	0	0	0	0
1: 3x5" (L/40) DP — [02] — S1: B; O2: S			2	3	4	2	1	—	—
2: 4x24" Torpedo — [04] * — TT4: CB			7	3	+2	+2	+2	—	—
Matsu, Momo, Take, Ume, Kuwa, Maki, Kiri, Sugi, Momi, Hinoki, Kashi, Kaya, Kaede, Sakura, Nara, Tsubaki, Keyaki, Yunagi			<i>SRAA: 3; DP: 2</i> • <i>SRAA 4 in 1945 (cost +10)</i>						

Variant 1 replaces the above entry for Weapon Battery #: 2

4x24" Torpedo — [05] * — TT4: CB			9	3	+2	+2	+2	—	—
<i>Note for Variant 1: If armed with improved Long Lance torpedo</i>									
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 16</i>									

Mikura (Type B)	<i>New Ship Data</i>	1943	3	20	- 3	3 RB	1	1	52
			3	4	0	0	0	0	0
1: 3x4.7" (L/45) — [06] — S1: B; O2: S			1	3	4	3	1	—	—
Mikura, Miyake, Awaji, Kurahashi, Nomi, Chiburi, Yashiro, Kusagaki			<i>SRAA: 1</i> • <i>SRAA increased to 3 by late war (cost +20)</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

DDE

Destroyer Escort

Shimushu (Type A)

New Ship Data

1939

3 20 -3 3 RB 1 1 52

3 4 0 0 0 0 0

1: 3x4.7" (L/45) — [06] — S1: B.S(x2)

1 3 4 3 1 — —

Shimushu, Hachijo, Kunashiri, Ishigaki

SRAA: 1

• *SRAA increased to 3 by late war (cost +20)*

Tachibana

1944

3 28 -2 3 RB 1 1 158

3 5 0 0 0 0 0

1: 3x5" (L/40) DP — [02] — S1: B; O2: S

2 3 4 2 1 — —

2: 4x24" Torpedo — [04] * — TT4: CB

7 3 +2 +2 +2 — —

Tachibana, Nire, Tsuta, Hagi, Kaki, Shii, Nashi, Sumire, Enoki, Kusunoki, Odake, Hatsuzakura, Kaba, Hatsuyume

SRAA: 3; DP: 2

• *SRAA 4 in 1945 (cost +10)*

Variant 1 replaces the above entry for Weapon Battery #: 2

4x24" Torpedo — [05] * — TT4: CB

9 3 +2 +2 +2 — —

Note for Variant 1: If armed with improved Long Lance torpedo

The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: + 16

Ukuru (Improved Type B)

New Ship Data

1944

3 20 -3 3 RB 1 1 62

3 4 0 0 0 0 0

1: 3x4.7" (L/45) — [06] — S1: B; O2: S

1 3 4 3 1 — —

Ukuru, Hiburi, Shonan, Daito, Okinawa, Kume, Ikuna, Shinnan, Yaku, Aguni, Mokuto, Inagi, Uku, Chikubu, Habushi, Sakito, Kuga, Oga, Kozu, Kanawa, Shiga, Amami, Hodaka, Habuto, Iwo, Takane, Ikara, Shisaka, Ikino, Otsu, Urumi, Murotsu

SRAA: 2

• *SRAA increased to 3 by late war (cost +10)*

Class Name Variant or Small Vessel Grouping (where appropriate)	Initial in service date	S	Spd	Size	Vis	FC	DC	Cost
		F	MVR	Belt	Deck	CT	T #1	T #2
Armament		IP	RB	I	II	III	IV	V
Ships in Class	Other Weapons and Equipment, Notes							

Japan

TB Torpedo Boat

Otori	1935	2	31	- 3	3 RB	1	1	68
<i>Data for: 1937</i>		2	4	0	0	0	0	0
1: 3x4.7" (L/45) — [06] — S1: B.CB.S		1	3	4	3	1	—	—
2: 3x21" Torpedo — [13] — TT3: CB		4	3	+0	+0	+0	—	—
Otori, Kasasagi, Hiyodori, Hayabusa, Hato, Sagi, Kari, Kiji		SRAA: 1 • SRAA increased to 2 in 1944 (cost +10)						

Variant 1 replaces the above entry for Weapon Battery #: 1

2x4.7" (L/45) — [06] — S1: B.CB		1	3	4	3	1	—	—
<i>Note for Variant 1: Guns reduced in 1944</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: - 4</i>								

Tomozuru	1932	2	30	- 3	2 RB	1	1	79
<i>Data for: 1934</i>		2	4	0	0	0	0	0
1: 3x5" (L/51) — [02] — UT1: B; UT2: S		2	2	5	3	—	—	—
2: 4x21" Torpedo — [13] — TT2: CB(x2)		4	2	+0	+0	—	—	—
Tomozuru, Chidori, Manazuru, Hatsukari		SRAA: 1						

Tomozuru	1932	2	30	- 3	2 RB	1	1	48
<i>Data for: 1936, after reconstruction</i>		2	4	0	0	0	0	0
1: 3x4.7" (L/45) — [06] — S1: B.CB.S		1	2	4	3	—	—	—
2: 2x21" Torpedo — [13] — TT2: CB		4	2	+0	+0	—	—	—
Tomozuru, Chidori, Manazuru, Hatsukari		• SRAA increased to 2 in 1942 (cost +20)						

Variant 1 replaces the above entry for Weapon Battery #: 1

2x4.7" (L/45) — [06] — S1: B.CB		1	2	4	3	—	—	—
<i>Note for Variant 1: Guns reduced in 1942</i>								
<i>The total cost shown at the top of this ship's data entry is modified by the following amount if using the modifications in Variant 1: - 4</i>								

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>	<i>Other Weapons and Equipment, Notes</i>							

Japan

MTB **MTB**

T23	<i>New Ship Data</i>	1943	1	17	-4	1 RB	1	0	61
<i>Data for: Group of 3 vessels</i>			1	1	0	0	0	0	0
1: 6x17.7" Torpedo — [28] — TT2: BR(x3)			6	1	+0	—	—	—	—
201 to 207, 401 to 410, 451 to 456			<i>SRAA: I</i>						

T25, T32, T36	<i>New Ship Data</i>	1943	1	22	-4	1 RB	1	0	71
<i>Data for: Group of 3 vessels</i>			1	1	0	0	0	0	0
1: 6x17.7" Torpedo — [28] — TT2: BR(x3)			6	1	+0	—	—	—	—
T25: 468, 484 to 488			<i>SRAA: I</i>						
T32: 301 to 308									
T36: 411 to 450, 470 to 473									

T31	<i>New Ship Data</i>	1943	1	20	-4	1 RB	1	0	67
<i>Data for: Group of 3 vessels</i>			1	1	0	0	0	0	0
1: 6x17.7" Torpedo — [28] — TT2: BR(x3)			6	1	+0	—	—	—	—
208 to 240			<i>SRAA: I</i>						

T33	<i>New Ship Data</i>	1943	1	21	-4	1 RB	1	0	69
<i>Data for: Group of 3 vessels</i>			1	1	0	0	0	0	0
1: 6x17.7" Torpedo — [28] — TT2: BR(x3)			6	1	+0	—	—	—	—
500 to 505			<i>SRAA: I</i>						

<i>Class Name</i>	<i>Initial in service date</i>	<i>S</i>	<i>Spd</i>	<i>Size</i>	<i>Vis</i>	<i>FC</i>	<i>DC</i>	<i>Cost</i>
<i>Variant or Small Vessel Grouping (where appropriate)</i>		<i>F</i>	<i>MVR</i>	<i>Belt</i>	<i>Deck</i>	<i>CT</i>	<i>T #1</i>	<i>T #2</i>
<i>Armament</i>		<i>IP</i>	<i>RB</i>	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
<i>Ships in Class</i>		<i>Other Weapons and Equipment, Notes</i>						

Japan

MTB MTB

T34, T38	<i>New Ship Data</i>	1943	1	28	- 4	1 RB	1	0	83
<i>Data for: Group of 3 vessels</i>			1	1	0	0	0	0	0
1: 6x17.7" Torpedo — [28] — TT2: BR(x3)			6	1	+0	—	—	—	—
T34: 151 to 165									
T38: 241 to 289, 457 to 467, 506, 528									
									<i>SRAA: I</i>

T35	<i>New Ship Data</i>	1943	1	35	- 4	1 RB	1	0	97
<i>Data for: Group of 3 vessels</i>			1	1	0	0	0	0	0
1: 6x17.7" Torpedo — [28] — TT2: BR(x3)			6	1	+0	—	—	—	—
469, 482, 483, 494 to 499, 801 to 937, 529 to 537									
									<i>SRAA: I</i>

T37	<i>New Ship Data</i>	1943	1	25	- 4	1 RB	1	0	77
<i>Data for: Group of 3 vessels</i>			1	1	0	0	0	0	0
1: 6x17.7" Torpedo — [28] — TT2: BR(x3)			6	1	+0	—	—	—	—
Several in group									
									<i>SRAA: I</i>

T39	<i>New Ship Data</i>	1943	1	27	- 4	1 RB	1	0	81
<i>Data for: Group of 3 vessels</i>			1	1	0	0	0	0	0
1: 6x17.7" Torpedo — [28] — TT2: BR(x3)			6	1	+0	—	—	—	—
474 to 481									
									<i>SRAA: I</i>