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# **The Asian Conventional Military Balance in 2002: Overview**

## **Regional Military Force Comparisons**

**(Regional Trends in Military Spending, Arms Transfers, and Weapons of Mass Destruction  
are Summarized in Other Reports in this Series)**

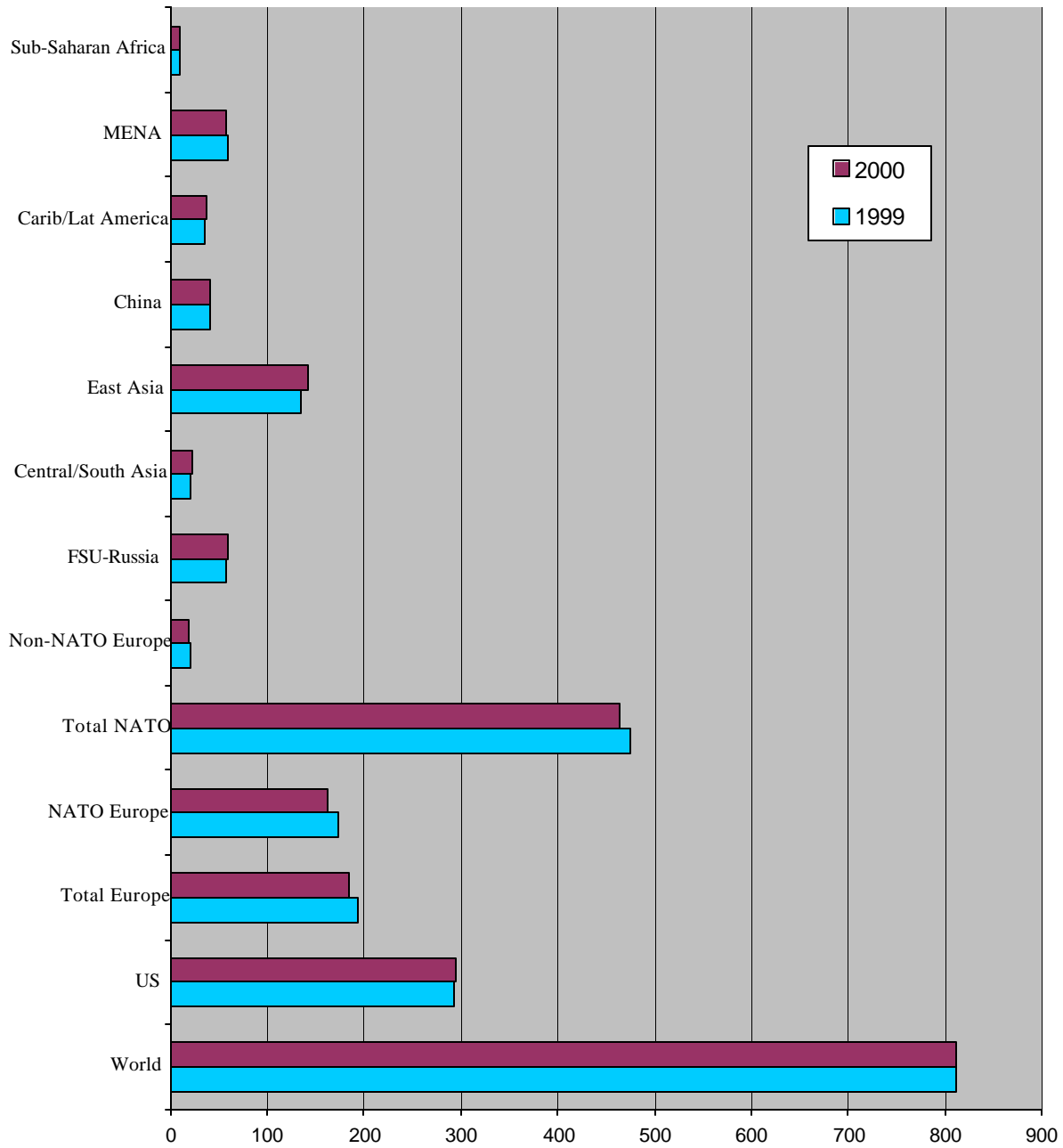
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**February 2002**

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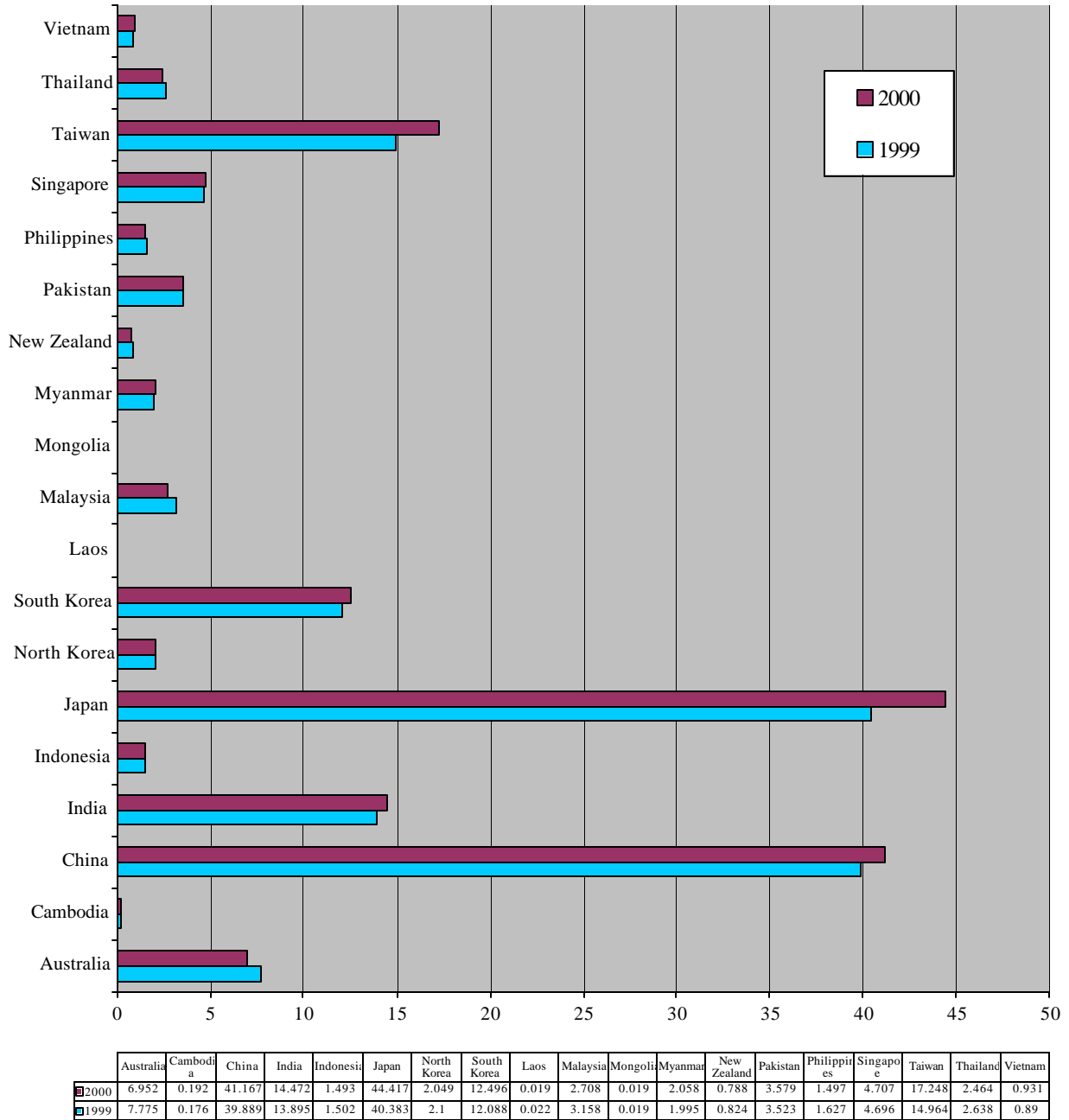
### World Defense Spending: 2001-2002 (In \$US Billions)



	World	US	Total Europe	NATO Europe	Total NATO	Non-NATO Europe	FSU-Russia	Central South Asia	East Asia	China	Carib/L at America	MENA	Sub-Saharan Africa
2000	811.45	294.7	184.57	162.5	464.65	19.062	58.81	22.064	141.64	41.167	37.104	57.931	10.184
1999	812.04	292.15	193.28	173.29	473.83	19.984	56.8	21.038	135.23	39.889	35.304	60.023	9.83

Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Asian Defense Spending: 2001-2002 (In \$US Billions)



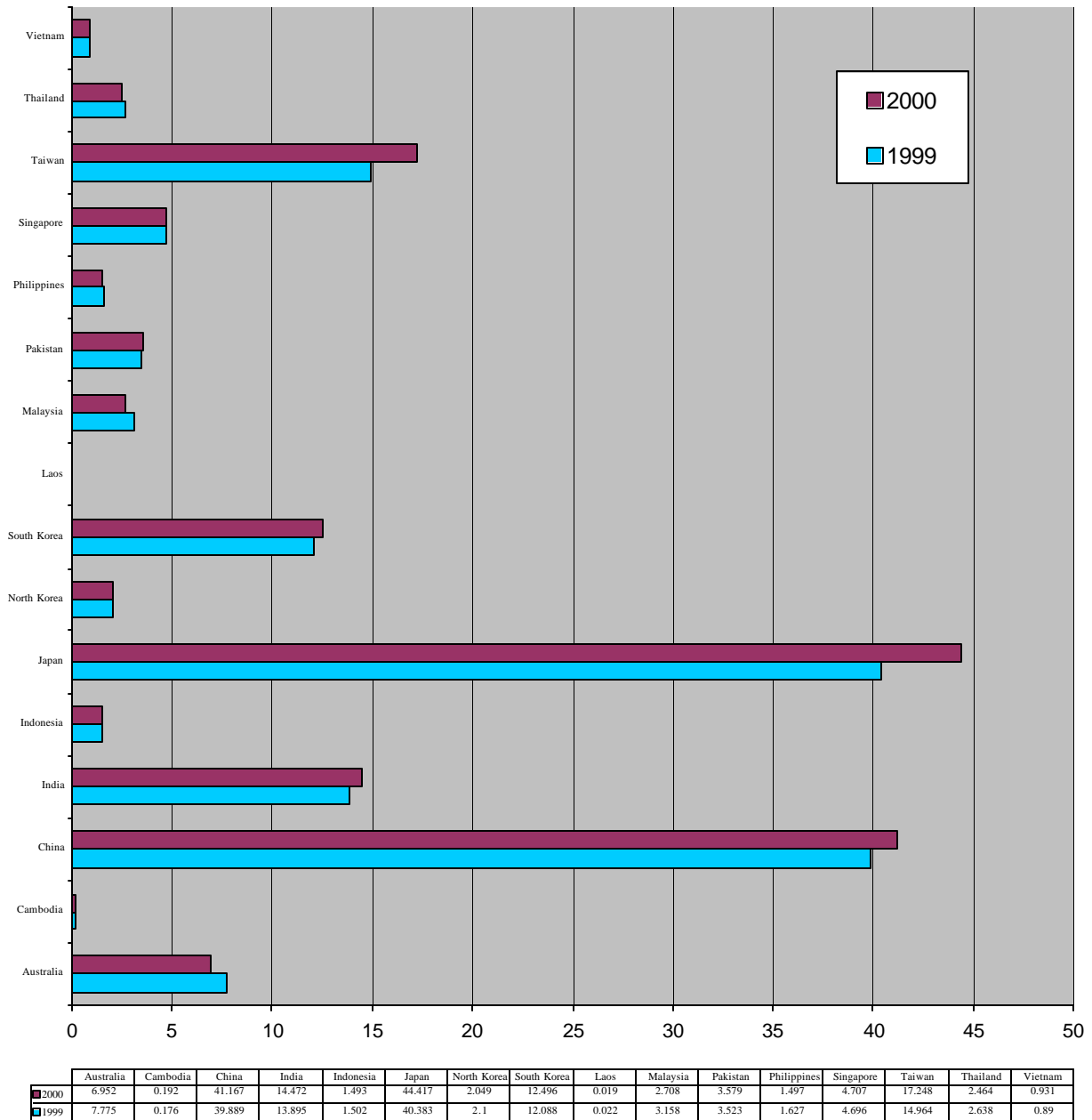
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**Asian Defense Spending: 2001-2002**  
(In \$US Billions)

	<b>1999</b>	<b>2000</b>
Australia	7.775	6.952
Cambodia	0.176	0.192
China	39.889	41.17
India	13.895	14.47
Indonesia	1.502	1.493
Japan	40.383	44.42
North Korea	2.1	2.049
South Korea	12.088	12.5
Laos	0.022	0.019
Malaysia	3.158	2.708
Mongolia	0.019	0.019
Myanmar	1.995	2.058
New Zealand	0.824	0.788
Pakistan	3.523	3.579
Philippines	1.627	1.497
Singapore	4.696	4.707
Taiwan	14.964	17.25
Thailand	2.638	2.464
Vietnam	0.89	0.931

Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Defense Spending by the Major Asian Powers: 2001-2002 (In \$US Billions)



Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**Asian Military Forces in 2001-2002: Part 1**

	<u>China</u>	<u>India</u>	<u>Indonesia</u>	<u>Japan</u>	<u>N. Korea</u>	<u>S. Korea</u>	<u>Taiwan</u>	<u>Thailand</u>	<u>Vietnam</u>
<b>Manpower (1,000s)</b>									
Total Active	2310	1263	297	239.8	1082	683	370	306	484
Regular	2310	1263	297	239.8	1082	683	370	306	484
National Guard/Other	-	-	-	-	-	-	-	-	-
Reserve	500-600	535	400	47.4	4700	4500	1657.5	200	3-4000
Paramilitary	1500	1089.7	195	12.25	189	4.5	26.65	104	40
<b>Strategic Missile Forces (1,000s)</b>									
ICBM	20	-	-	-	-	-	-	-	-
IRBM	130-150	-	-	-	-	-	-	-	-
SSBN/SBLM	1	-	-	-	-	-	-	-	-
<b>Army and Guard Manpower (1,000s)</b>									
Regular Army Manpower	1600	1100	230	148.7	950	560	240	190	412
Reserve (1,000s)	-	300	-	41.3	600	-	1500	-	-
Total Main Battle Tanks	8000	3414	-	840	3500	2330	926	333	1315
Active AIFV/Lt. Tanks	-	1440	366	60	560	40	1130	793	920
Total APCs	6200*	317	631	750	2500	2480	950	970	1180
Self-Propelled Artillery	1000	180	-	290	4400	1053	405	20	30
Towed Artillery	13000	4175	285	480	3500	3500	1060	560	2300
MRLs	3000	100	-	110	2500	185	300	-	710
Mortars	-	1000	875	1280	7500	6000	-	1900	-
SSM Launchers		3-5	-	90	54	12	-	-	Scud B/C
Light SAM Launchers		1570	93	770	10000	980	-	-	SA-7/-16
AA Guns		2424	415	80	11000	600	400	322	12000
<b>Air Force Manpower (1,000s)</b>									
Air Defense Manpower	420	110	27	-	86	63	68	48	30
Total Combat Aircraft	2900	738	108	304	621	555	482	153	189
Bombers	150	-	-	-	80	-	-	-	-
Fighter/Attack	1800	547	84	55	541***	1465***	386	48	65
Fighter/Interceptor	884	155	12	180	-	-	58	36	124
Recce/FGA Recce	290	15	12	20	-	23	8	3	-
COIN/OCU	-	-	-	-	-	-	-	-	-
AEW C4I/BM/EW	-	-	-	20	-	-	8	-	-
MR/MPA	-	4	3	-	-	-	-	-	4
Transport Aircraft	513	203	77	55	300	-	37	28	28
Tanker Aircraft	10	6	2	-	-	-	-	-	-
Total Helicopters	170	127	42	40	320	12	18	42	60
Armed Helicopters	-	22	-	-	24	-	-	-	26
Major SAM Launchers	-	-	-	-	125	-	-	-	264
Light SAM Launchers	-	280**	-	-	-	-	-	-	500+
AA Guns	16000	-	-	-	-	-	-	-	1000+

\* Includes Lt. Tank, AIFV, and APC

\*\* Total SAM Launchers

\*\*\* Includes both FGA and FTR

## Asian Military Forces in 2001-2002: Part 2

	<u>China</u>	<u>India</u>	<u>Indonesia</u>	<u>Japan</u>	<u>N. Korea</u>	<u>S. Korea</u>	<u>Taiwan</u>	<u>Thailand</u>	<u>Vietnam</u>
<b>Total Naval</b>									
<b>Manpower (1,000s)</b>	250	53	40	44.2	46	60	62	68	42
<b>Major Surface Combatants</b>									
Carriers	-	1	-	-	-	-	-	1	-
Destroyer-Guided Missile	21	8	8	-	30	-	6	11	-
Other Destroyer	-	-	-	12	-	-	-	-	-
Frigate-Guided Missile	41	4	10	9	-	9	21	8	-
Other Frigate	-	7	7	3	3	-	-	4	6
Corvettes	-	24	16	-	6	28	-	5	1
<b>Patrol Craft</b>									
Missile	93	6	4	3	43	5	59	6	12
Torpedo and Coastal	134	5	8	-	128	-	-	13	10
Inshore, Riverine	141	11	8	-	133	75	-	64	19
<b>Submarines</b>									
SLBN	1	-	-	-	-	-	-	-	-
SSN	5	-	-	-	-	-	-	-	-
SSG	2	-	-	-	-	-	-	-	-
SS/SSK	61	16	2	16	26	19	4	-	2
Mine Vessels	39	18	12	30	23	15	12	7	10
Amphibious Ships	56	7	26	8	10	14	18	9	6
Landing Craft	285	10	65	13	130	36	325	51	30
Support Ships	159	32	15	19	7	13	20	16	30
<b>Marines (1,000s)</b>	10	1	12	-	-	25	30	18	27
<b>Naval Air</b>	26000	5000	1000	9800	-	-	-	1700	-
<b>Naval Aircraft</b>									
Bomber	77	-	-	-	-	-	-	-	-
FGA	40	26	-	-	-	-	-	-	-
Fighter	332	1	-	-	-	-	-	9	-
MR/MPA	8	50	48	80	-	5	32	57*	-
Armed Helicopters	35	72	18	90	-	36	20	5	-
ASW Helicopters	35	70	6	80	-	-	20	5	-
SAR Helicopters	-	6	-	10	-	-	-	24	-
Mine Warfare Helicopters	-	-	-	22	-	-	-	-	-
Other Helicopters	66	6	-	10	-	-	-	-	-

\* Includes MR/ATTACK and MR/ASW aircraft

Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**US Forces in the Pacific in 2001-2002: Part 1**

Pacific Command (PACOM) Headquartered in Hawaii

	<u>Army</u>	<u>Navy</u>	<u>Air Force</u>	<u>Marine Corps</u>
<u>Hawaii</u>	15,000 US ARPAC 1 lt inf div 2 lt inf bde	7,500 US PAC Fleet HQ for: 22 SSN 3 CG 4 DDG 2 FFG 4 spt/misc	4,580 PACAF 1 wg: 2 C-135B/C 1 wg (ANG): 15 F-15A/B 4 C-130H 8 KC-135R	5,680 Marine Forces Pacific
<u>Japan</u>	1,600 1 Corps HQ base & spt units	5,200 HQ 7 <sup>th</sup> Fleet, Yokosuka: 1 CV 9 surface combatants 1 LCC Sasebo: 4 amph ships  1 MCM sqn	13,480 1 AF HQ (5 <sup>th</sup> AF) 84 cbt ac 36 F-16 48 F-15C/D 15 KC-135 8 HH-60 2 E-3 AWACS 1 Airlift Wg: 16 C-130E/H 4 C-21 3 C-9 1 special ops grp: 4 MC-130P 4 MC-130H	18,050 1 MEF
<u>South Korea</u>	27,200 1 Army HQ (UN comd) 1 inf div, 2 bde 2 SP arty 2 MLRS 1 AD bn 1 avn 1 engr bde 1 air cav bde (2 ATK hel bn) 1 <i>Patriot</i> SAM bn EQPT: 116 MBT 126 AIFV 111 APC 45 arty/MRL/mor	300           1 U-2	8,920 1 AF HQ (7 <sup>th</sup> AF) 2 ftr wg 84 cbt ac 3 sqn 60 F-16 1 sqn 12 A-10 12 OA-10 1 special ops sqn 5 MH-53J	100
<u>Alaska</u>	5,900 1 lt inf bde	-	9,600 1 AF HQ (11 <sup>th</sup> AF) 2 wg/6 sqn: 1/18 F-16 1/12 A-10 6 OA-10 2/42 F-15C/D 1/18 F-15E 1/10 C-130H 2 E-3B 3 C-12 1 air tkr wg 8 KC-135R	-

**US Forces in the Pacific in 2001-2002: Part 2**

	<u>Army</u>	<u>Navy</u>	<u>Air Force</u>	<u>Marine Corps</u>
<u>Australia</u>	-	40 1 Comms facility at NW Cape 1 SEWS/SIGINT at Pine Gap 1 SEWS station at Nurrungar	70	-
<u>Singapore</u>	-	90 log facilities	40 det spt sqn	160
<u>Guam</u>	40	1,850 MPS-3 4 ships with eqpt for 1 MEB Naval air station comms and spt facilities	1,600 1 AF HQ (13 <sup>th</sup> AF)	-
<u>Diego Garcia</u>	-	650 MPS-2 5 ships with eqpt for 1 MEB Naval air station spt facilities	20	-
<u>Thailand</u>	40	10	30	370
<u>US West Coast</u>	-	-	-	1 MEF
<u>US Pacific Fleet at Sea</u> HQ: Pearl Harbor, HI Main Base: Pearl Harbor Other Bases: Bangor, Everett, Bremerton (WA), San Diego (CA)	-	135,100 13,470 reserve 11,000 civilians	-	-

<u>Submarines</u>	<u>Principle Surface Combatants</u>	<u>Amphibious Ships</u>	<u>Other</u>
SSBN – 8	Carriers CVN/CV – 6	LHA – 3 AG – 1	MCM – 2
SSGN	Cruisers – 13	LHD – 3 MSC – 59	aux ships – 8
SSN – 27	Guided Missile Destroyers – 25 Guided Missile Frigates – 15	LSD – 8 LST – 1	

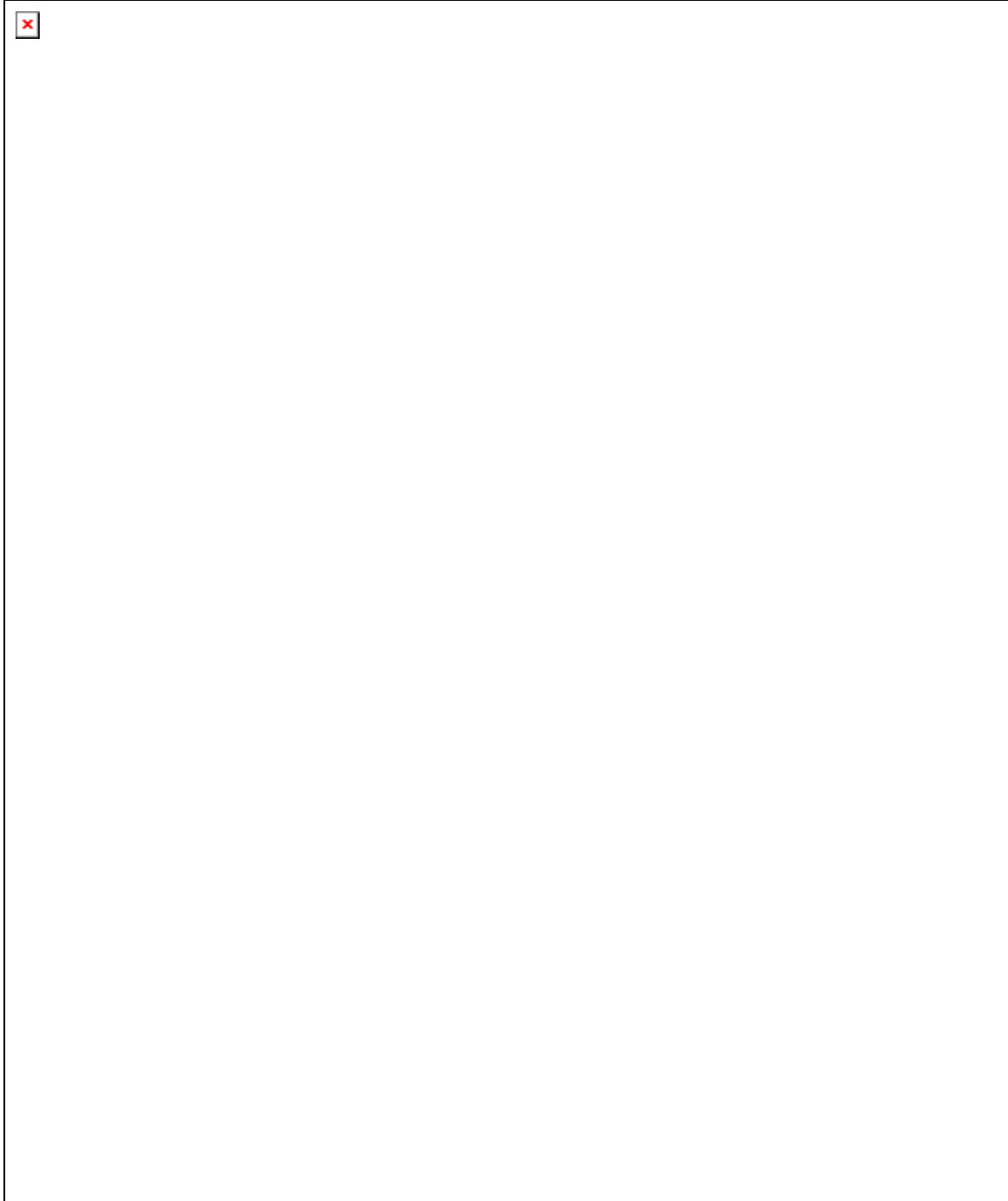
3<sup>rd</sup> Fleet (HQ: San Diego) covers Eastern and Central Pacific, Aleutian Islands, Bering Sea; typically 3 CVBG, 4 URG, amph gp

7<sup>th</sup> Fleet (HQ: Yokosuka) covers Western Pacific, J, Pi, ANZUS responsibilities, Indian Ocean; typically 1 CVBG (1 CV, 6-8 surface combatants), 2 LHD/LPD, 2 LSD/LST, 1 LCC, 4 AO, 3 MCM

Aircraft: 363 tactical, 203 helicopter, 77 P-3, 162 other

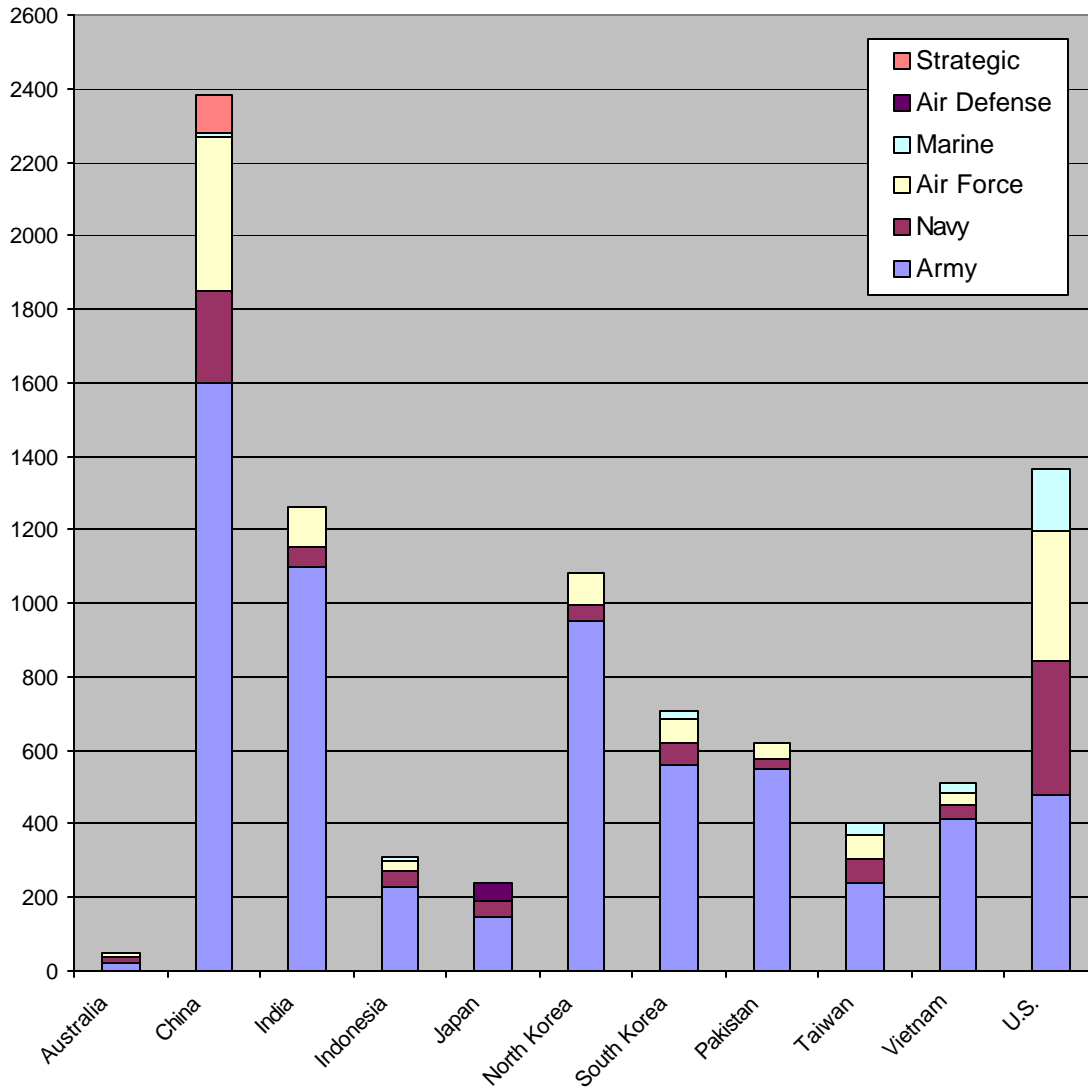
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**Total Military Manpower in Selected Major Military Powers: 2001-2002**  
(In 1000's)



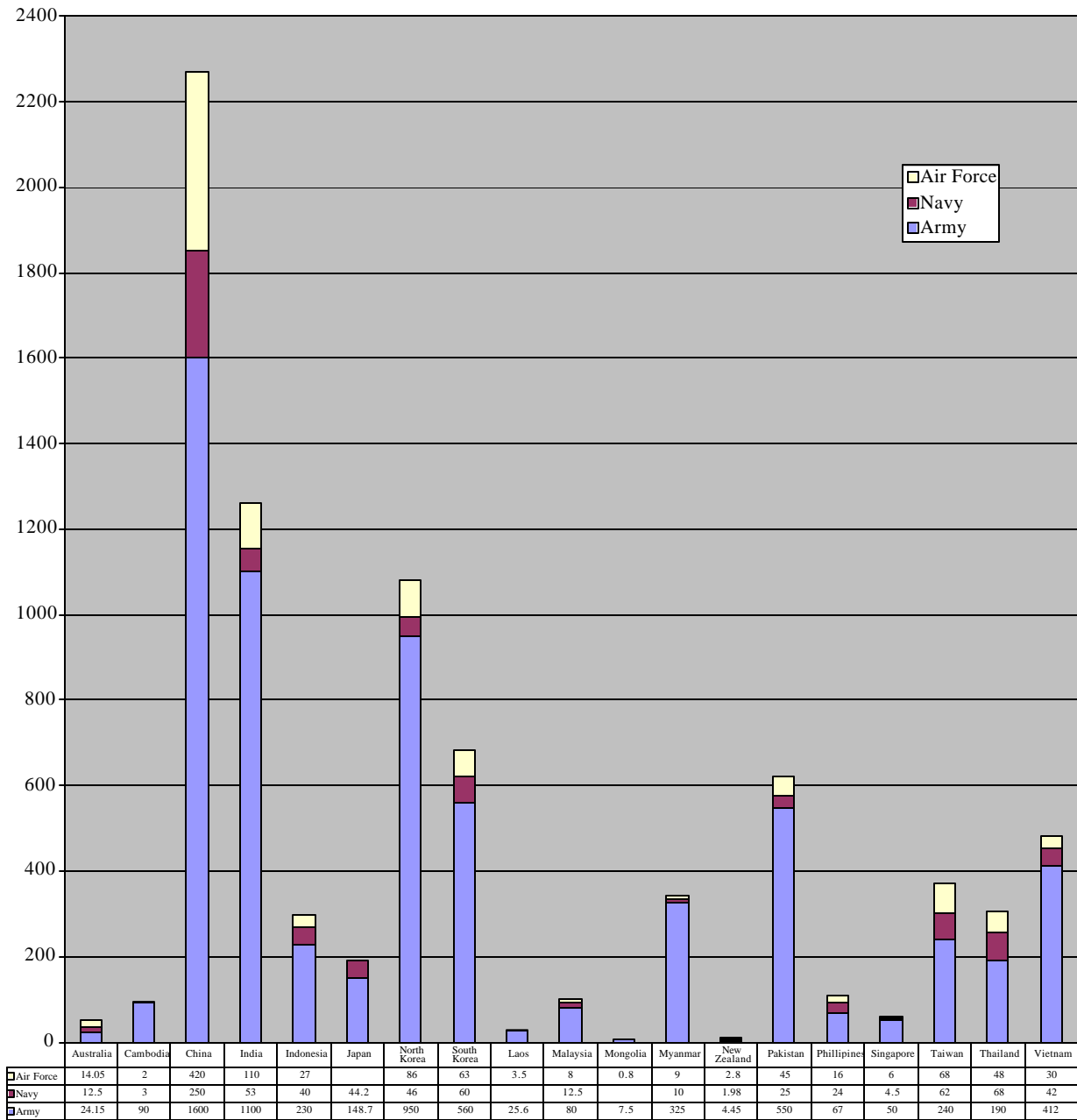
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**Asian Military Manpower in Key Powers By Service in 2001-2002**  
(In 1000's)



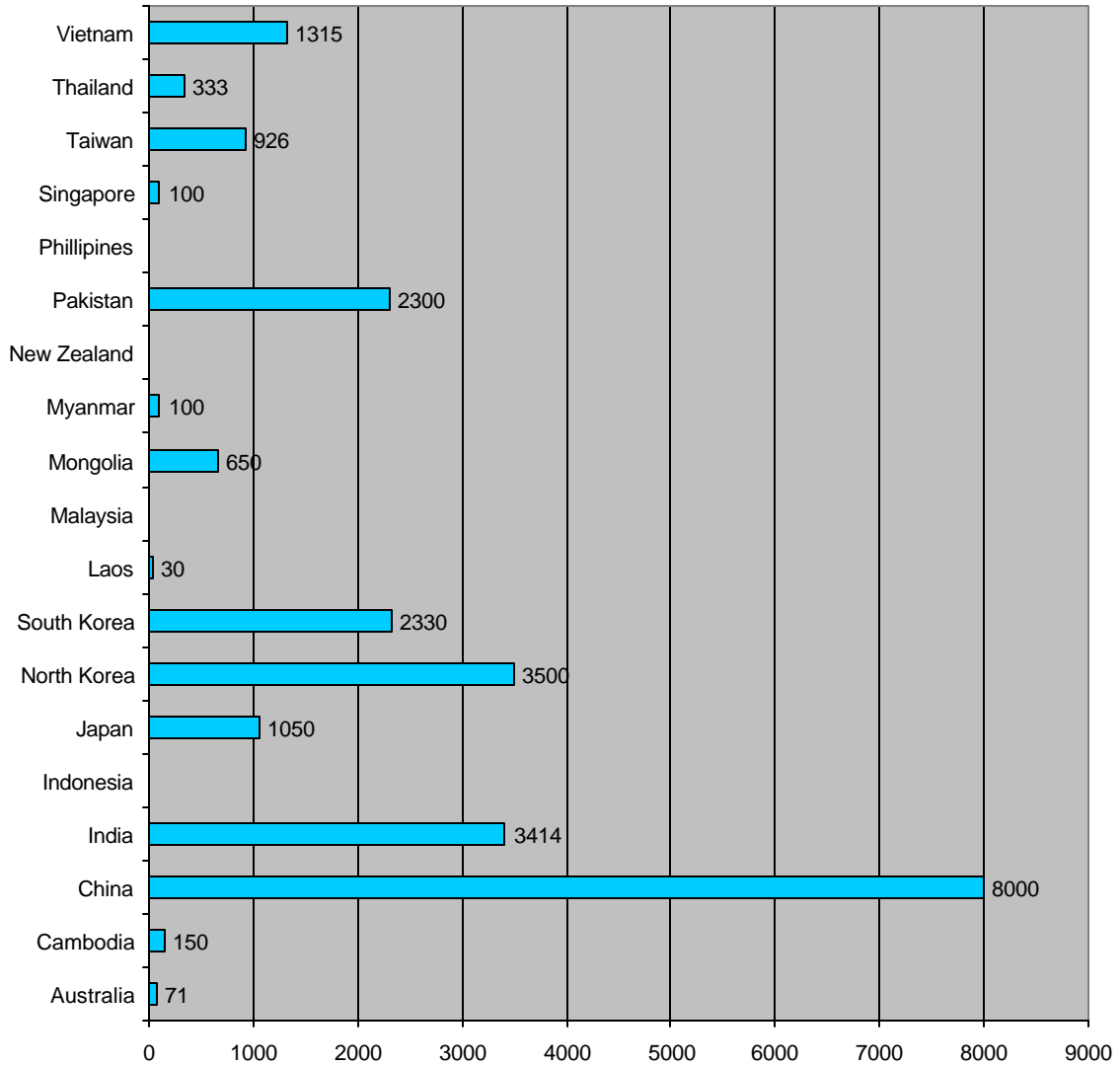
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Asian Military Manpower by Service: 2001-2002 (in 1,000s)



Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

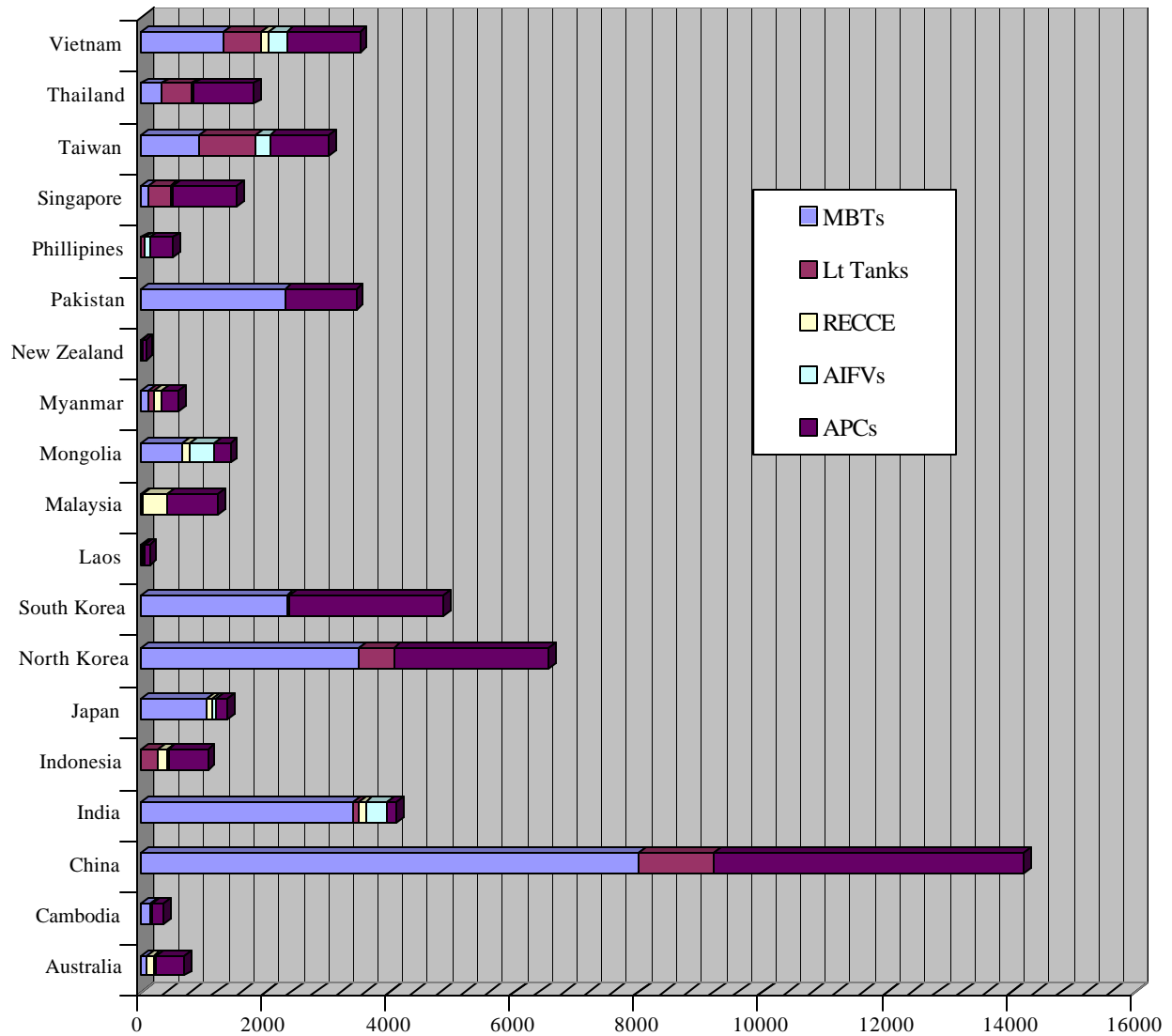
### Asian Main Battle Tanks: 2001-2002 (Number In Active Service)



Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Asian Armored Fighting Vehicles: 2001-2002

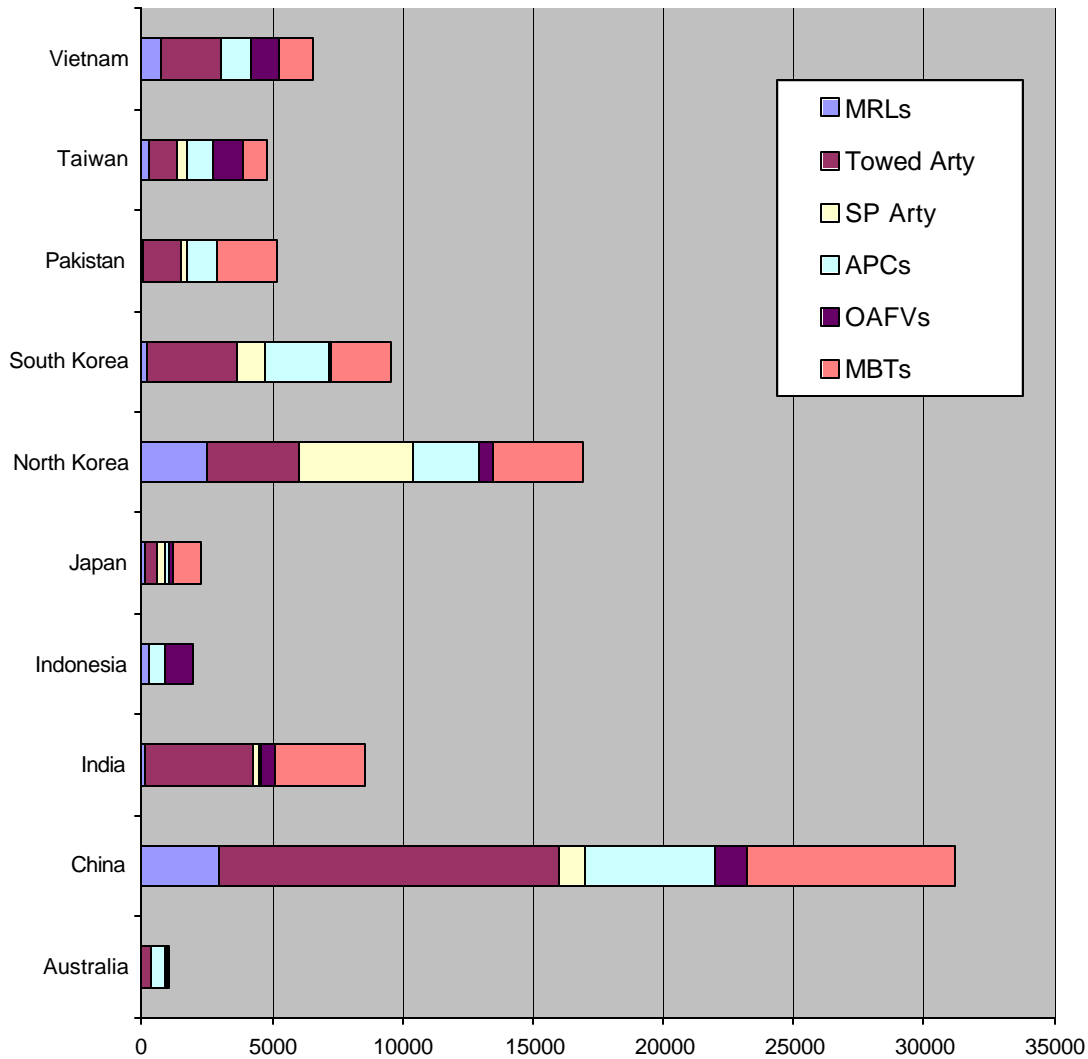
(Number of MBTs, Lt Tanks, RECCE, AIFVs, and APCs in Active Service)



	Australia	Cambodia	China	India	Indonesia	Japan	North Korea	South Korea	Laos	Malaysia	Mongolia	Myanmar	New Zealand	Pakistan	Philippines	Singapore	Taiwan	Thailand	Vietnam
APCs	463	190	5000	160	631	180	2500	2480	70	816	250	270	56	1150	370	1030	950	970	1180
AIFVs	46			350	11	60		40			400				85	22	225		300
RECCE	111			100	142	90				394	120	115				22		32	100
Lt Tanks		20	1200	90	275		560		25	26		105	8		40	350	905	460	620
MBTs	71	150	8000	3414		1050	3500	2330	30		650	100		2300		100	926	333	1315

Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

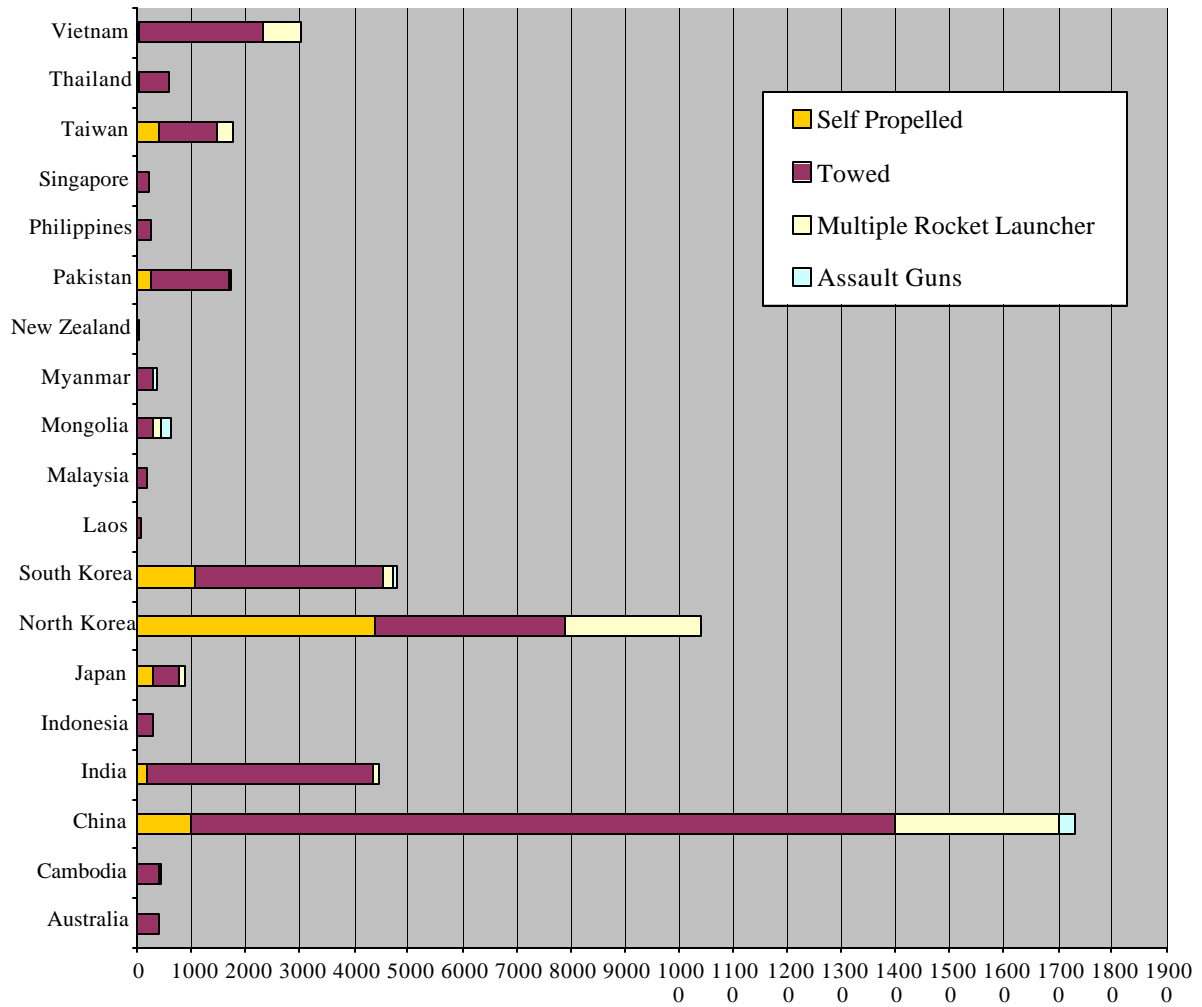
### Asian Land Weapons in Key Powers: 2001-2002 (Number in Active Service)



	Australia	China	India	Indonesia	Japan	North Korea	South Korea	Pakistan	Taiwan	Vietnam
MBTs	71	8000	3414		1050	3500	2330	2300	926	1315
OAFVs	111	1200	540	1048	150	560	40		1130	1020
APCs	463	5000	160	631	180	2500	2480	1150	950	1180
SP Arty		1000	180		290	4400	1053	240	405	30
Towed Arty	385	13000	4175		480	3500	3500	1467	1060	2300
MRLs		3000	100	285	110	2500	185	45	300	710

Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

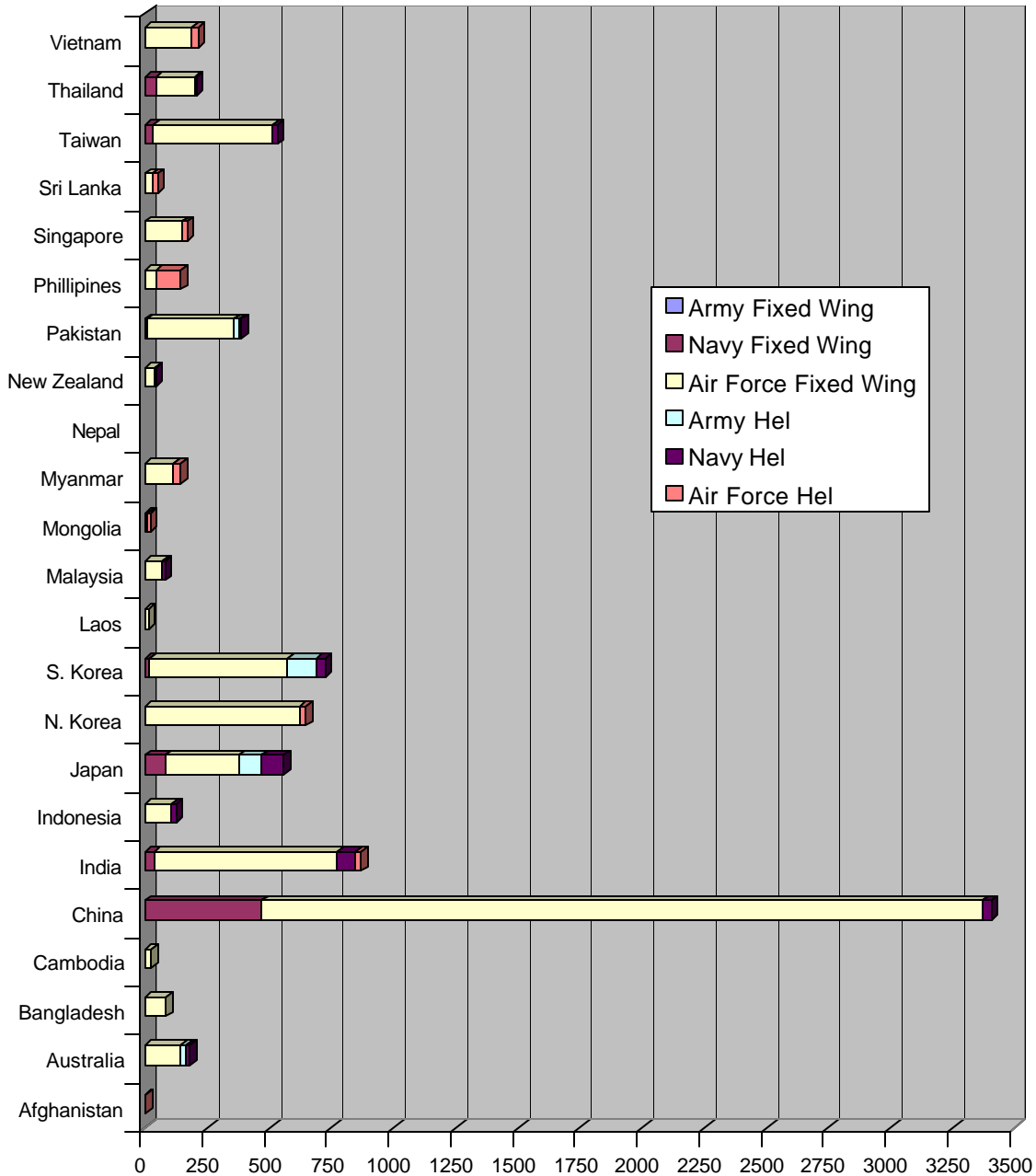
### Asian Artillery Strength: 2001-2002 (Number in Active Service)



	Australia	Cambodia	China	India	Indonesia	Japan	North Korea	South Korea	Laos	Malaysia	Mongolia	Myanmar	New Zealand	Pakistan	Philippines	Singapore	Taiwan	Thailand	Vietnam
Assault Guns			300					58			200	60							
Multiple Rocket Launcher		28	3000	100		110	2500	185			130	30		45			300		710
Towed	385	400	13000	4175	285	480	3500	3500	75	182	300	278	24	1467	242	206	1060	560	2300
Self Propelled			1000	180		290	4400	1053						240			405	20	30

Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Asian Fixed and Rotary Wing Combat Aircraft: 2001-2002 (Number in Active Service)



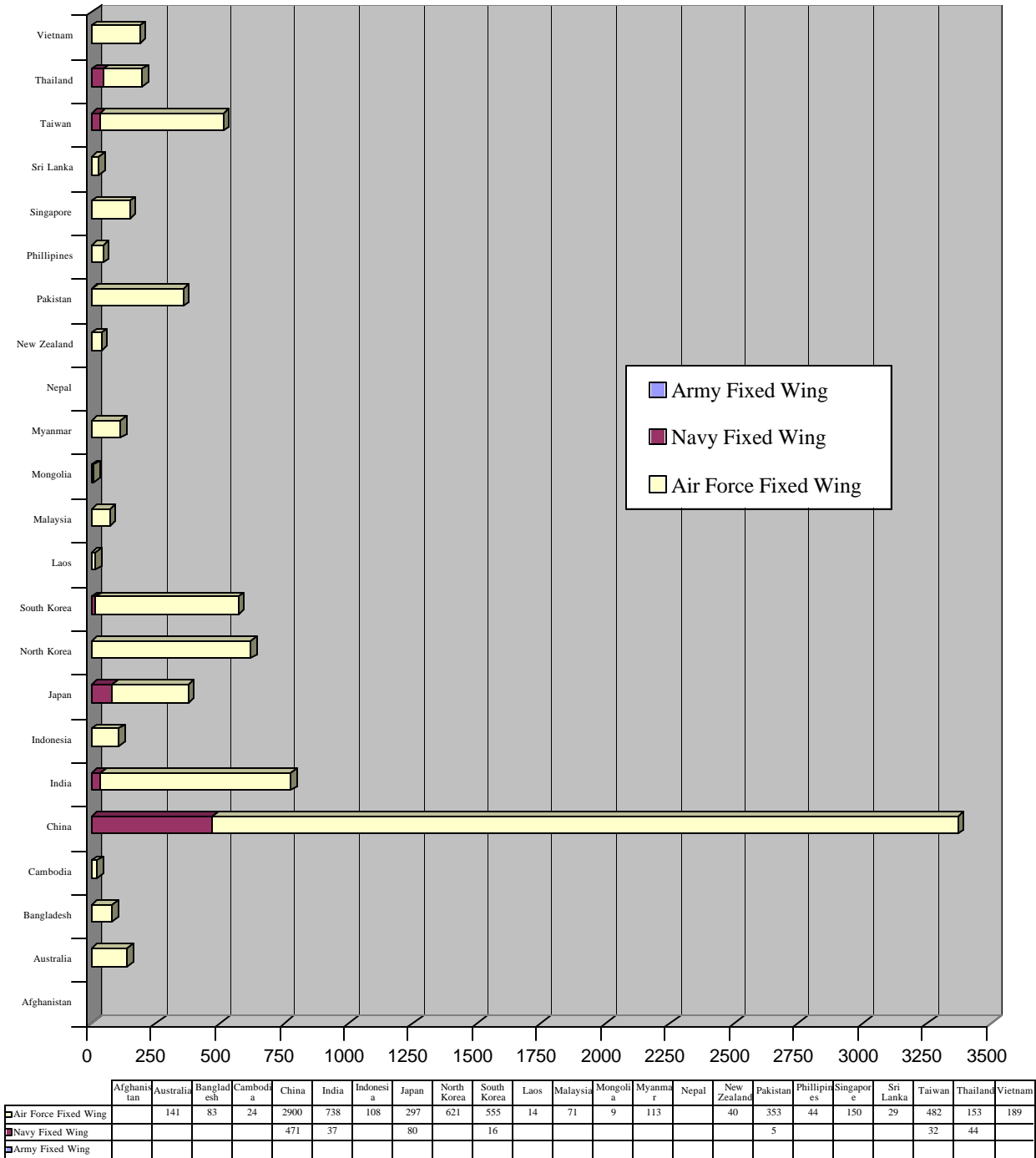
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**Asian Fixed and Rotary Wing Combat Aircraft: 2001-2002**

	Army Fixed Wing	Navy Fixed Wing	AF Fixed Wing	Army Hel	Navy Hel	AF Hel
Afghanistan						2
Australia			141	25	16	
Bangladesh			83			
Cambodia			24			
China		471	2900		35	
India		37	738		72	22
Indonesia			108		18	
Japan		80	297	90	90	
North Korea			621			24
South Korea		16	555	117	36	
Laos			14			
Malaysia			71		9	
Mongolia			9			11
Myanmar			113			29
Nepal						
New Zealand			40		3	
Pakistan		5	353	20	9	
Philippines			44			97
Singapore			150			20
Sri Lanka			29			20
Taiwan		32	482		20	
Thailand		44	153	5	5	
Vietnam			189			26

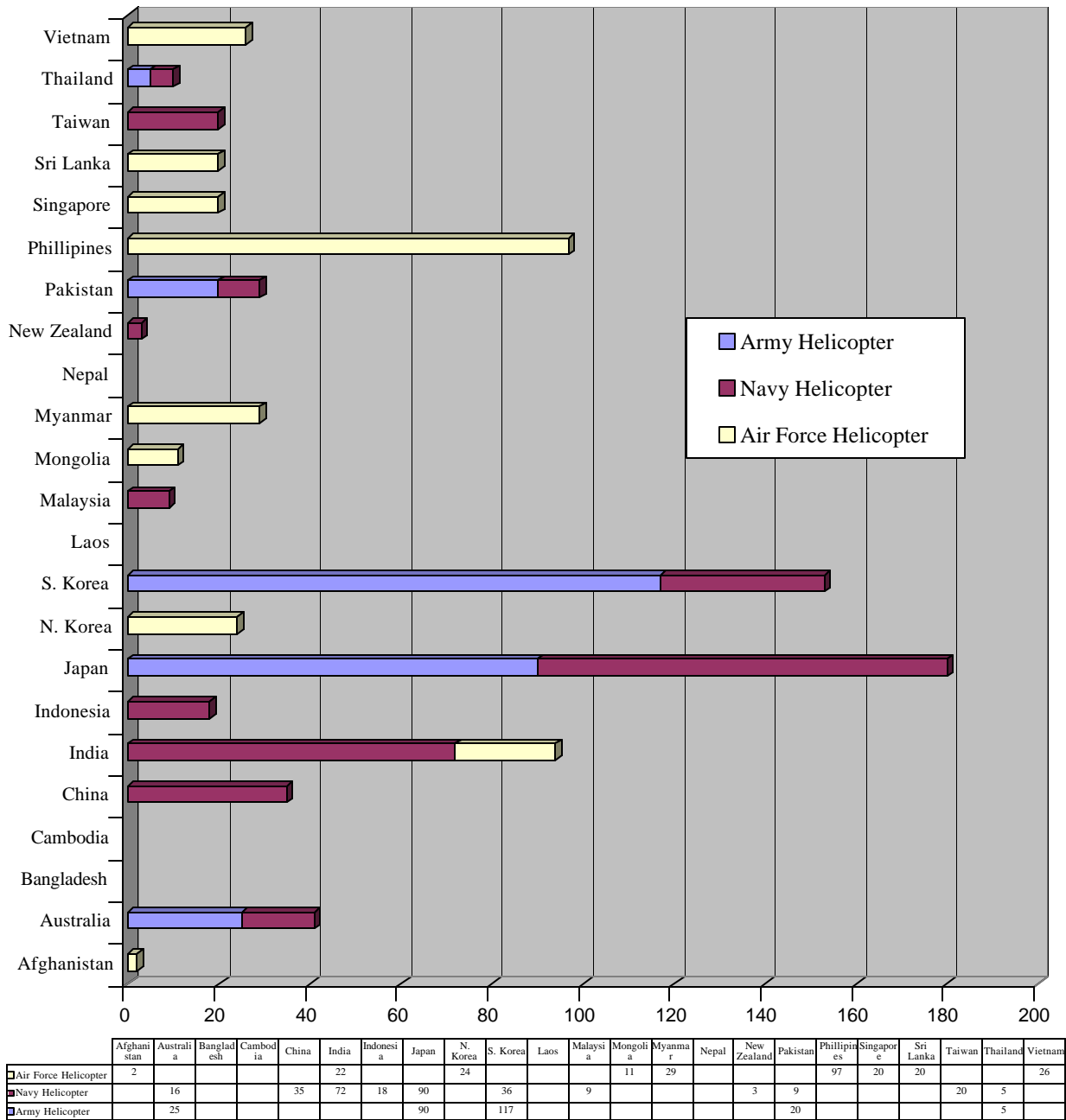
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Asian Fixed Wing Combat Aircraft: 2001-2002 (Number in Active Service)



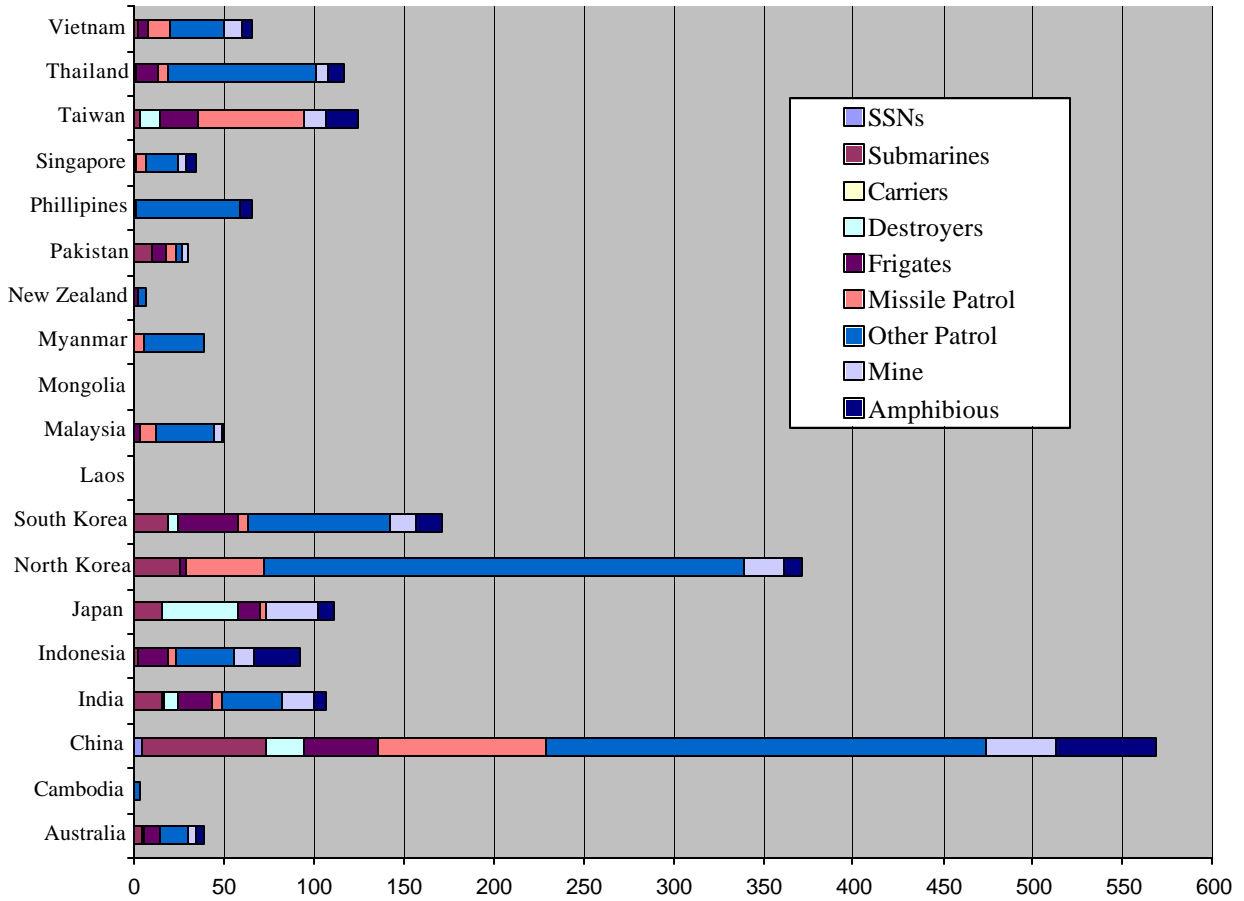
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Asian Rotary Wing Combat Aircraft: 2001-2002 (Number in Active Service)



Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Asian Naval Combat Ships: 2001-2002 (Number in Active Service)



	Australia	Cambodia	China	India	Indonesia	Japan	North Korea	South Korea	Laos	Malaysia	Mongolia	Myanmar	New Zealand	Pakistan	Philippines	Singapore	Taiwan	Thailand	Vietnam
Amphibious	4		56	7	26	8	10	14		1					7	5	18	9	6
Mine	5		39	18	12	30	23	15		4				3		4	12	7	10
Other Patrol	15	4	245	33	32		267	79		33		33	4	4	58	18		82	30
Missile Patrol			93	6	4	3	43	5		8		6		5		6		59	6
Frigates	9		41	18	17	12	3	33		4			3	8	1			21	12
Destroyers	1		21	8		42		6										11	
Carriers				1														1	
Submarines	5		69	16	2	16	26	19						10		1	4		2
SSNs			5																

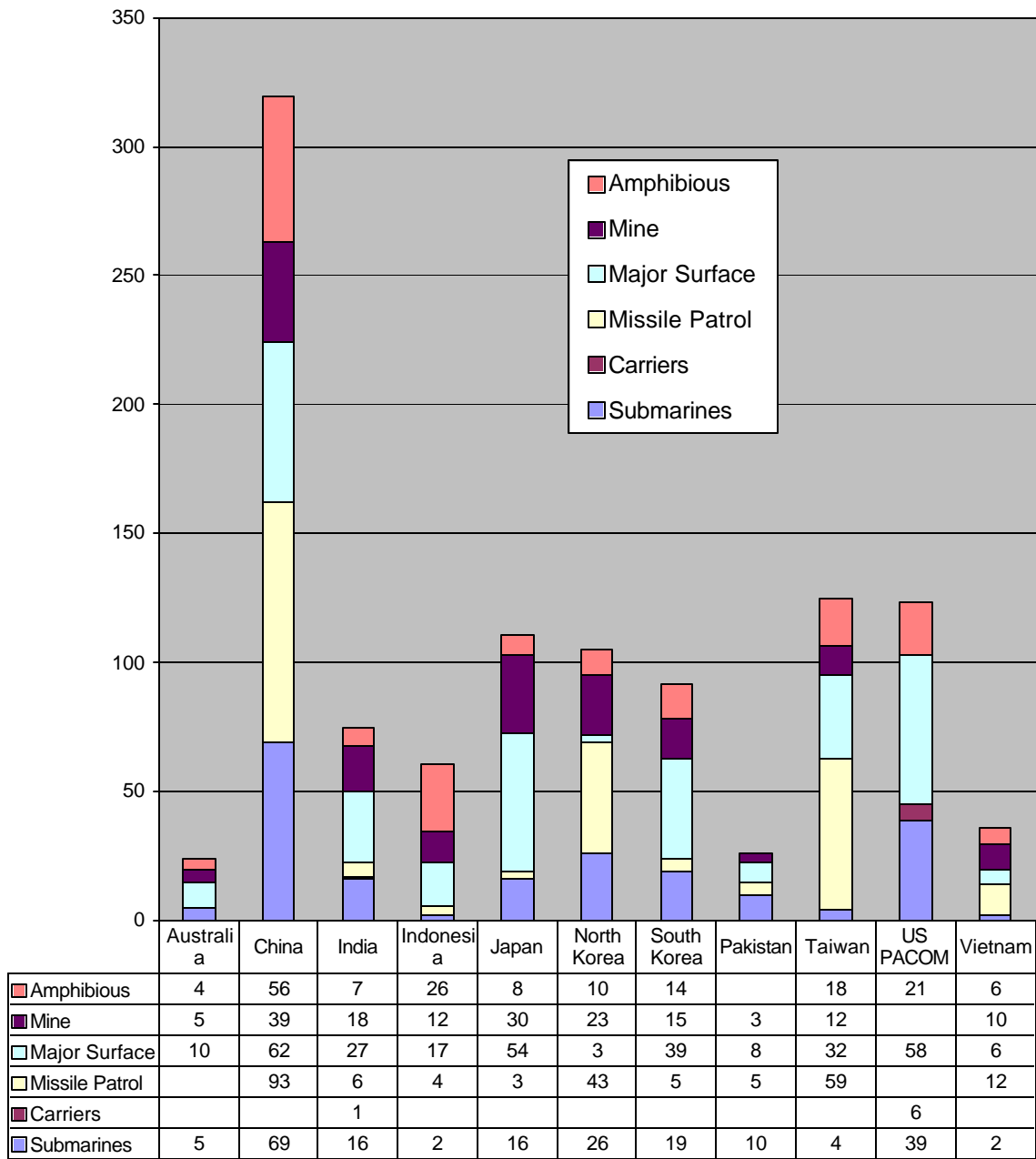
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**Asian Naval Combat Ships in 2001-2002**

	SSNs	Submarines	Carriers	Destroyers	Frigates	Missile Patrol	Other Patrol	Mine	Amphibious
Australia		5		1	9		15	5	4
Cambodia							4		
China	5	69		21	41	93	245	39	56
India		16	1	8	18	6	33	18	7
Indonesia		2			17	4	32	12	26
Japan		16		42	12	3		30	8
North Korea		26			3	43	267	23	10
South Korea		19		6	33	5	79	15	14
Laos									
Malaysia					4	8	33	4	1
Mongolia									
Myanmar						6	33		
New Zealand					3		4		
Pakistan		10			8	5	4	3	
Philippines					1		58		7
Singapore		1				6	18	4	5
Taiwan		4		11	21	59		12	18
Thailand			1		12	6	82	7	9
Vietnam		2			6	12	30	10	6

Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

### Asian Naval Combat Ships in Key Powers: 2001-2002 (Number in Active Service)



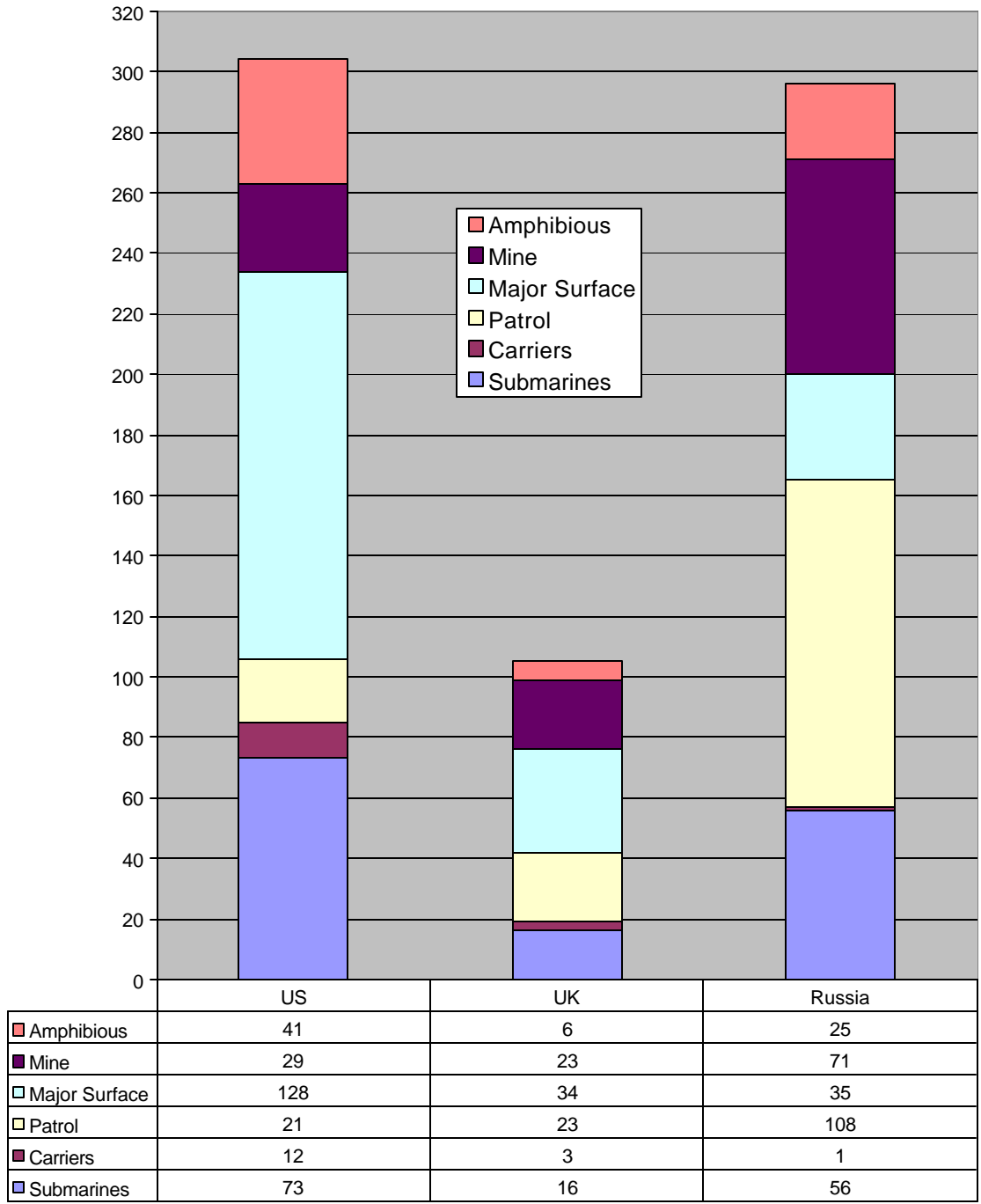
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**Asian Naval Combat Ships in Key Powers: 2001-2002**

	Submarines	Carriers	Missile Patrol	Major Surface	Mine	Amphibious
Australia	5			10	5	4
China	69		93	62	39	56
India	16	1	6	27	18	7
Indonesia	2		4	17	12	26
Japan	16		3	54	30	8
North Korea	26		43	3	23	10
South Korea	19		5	39	15	14
Pakistan	10		5	8	3	
Taiwan	4		59	32	12	18
US PACOM	39	6		58		21
Vietnam	2		12	6	10	6

Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

**Western Naval Combat Ships Affecting the Asian Balance: 2001-2002**



Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

