

CSIS

Center for Strategic and International Studies

1800 K Street N.W.

Washington, DC 20006

(202) 775-3270

To download: csis.org

To comment: Acordesman@aol.com

The Asian Conventional Military Balance in 2002

Total and Sub-Regional Balances: Northeast Asia, Southeast Asia, and South Asia

Anthony H. Cordesman
Arleigh A. Burke Chair in Strategy
with the assistance of Laura J. Wollschlager

Copyright Anthony H. Cordesman, all rights reserved. May be quoted or excerpted with proper attribution. No further reproduction in full is permitted without the author's permission.

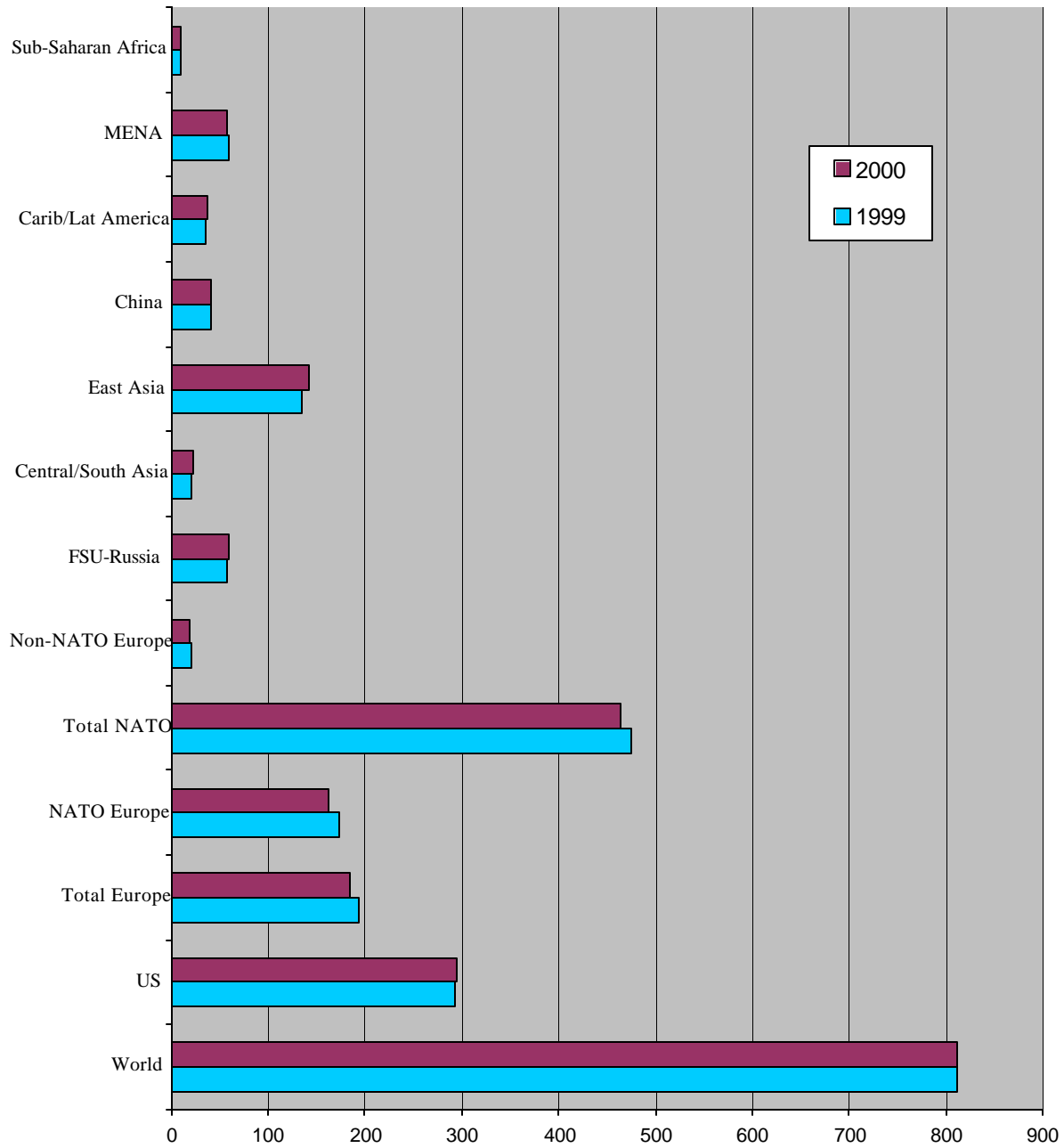
February 2002

List of Tables and Charts

East and South Asian Military Expenditures versus World Expenditures 1987-1997	6
Total East and South Asian Military Expenditures: 1987-1997	7
Asian Military Expenditures by Major Nation: 1987-1997	8
Asian Military Expenditures by Major Nation: 1998-2002	9
Asian “Militarization” versus Other Regions	10
East Asian Military Expenditures Versus Arms Imports: 1987-1997	11
South Asian Military Expenditures versus Arms Transfers:.....	12
1987-1997	12
Total East and South Asian Arms Imports: 1987-1997.....	13
Asian Arms Imports are a Small Fraction of the World Total.....	14
Arms Agreements vs. Deliveries to Asia: 1993-2000.....	15
Transfers of New Weapons to Asia and Pacific By Source.....	16
Asian Military Forces in 2001-2002: Part 1	17
Asian Military Forces in 2001-2002: Part 2	18
US Forces in the Pacific in 2001-2002: Part 1	19
US Forces in the Pacific in 2001-2002: Part 2.....	20
Total Military Manpower in Selected Major Military Powers: 2001-2002.....	22
Asian Military Manpower in Key Powers By Service in 2001-2002	23
Asian Military Manpower by Service: 2001-2002.....	24
Asian Armored Fighting Vehicles: 2001-2002.....	26
Asian Land Weapons in Key Powers: 2001-2002.....	27
Asian Artillery Strength: 2001-2002.....	28
Asian Fixed and Rotary Wing Combat Aircraft: 2001-2002	29
Asian Fixed and Rotary Wing Combat Aircraft: 2001-2002	30
Asian Fixed Wing Combat Aircraft: 2001-2002.....	31
Asian Rotary Wing Combat Aircraft: 2001-2002	32
Asian Naval Combat Ships: 2001-2002.....	33
Asian Naval Combat Ships in 2001-2002	34
Asian Naval Combat Ships in Key Powers: 2001-2002.....	35
Asian Naval Combat Ships in Key Powers: 2001-2002.....	36
Northeast Asian Military Expenditures: 1987-1997.....	38
Northeast Asian Military Expenditures: 1998-2002.....	39
Northeast Asian Military Forces in 2001-2002: Part 1.....	40
Northeast Asian Military Forces in 2001-2002: Part 2.....	42
Northeast Asian Military Manpower in Key Powers: 2001-2002.....	43
Northeast Asian Main Battle Tanks: 2001-2002	44
Northeast Asian Artillery Weapons in Key Powers: 2001-2002	46
Northeast Asian Artillery Strength: 2001-2002.....	47
Northeast Asian Fixed and Rotary Wing Combat Aircraft: 2001-2002.....	48
Northeast Asian Rotary Wing Combat Aircraft: 2001-2002.....	50
Northeast Asian Fixed and Rotary Wing Combat Aircraft: 2001-2002.....	52
Northeast Asian Naval Combat Ships: 2001-2002.....	53
Western Naval Combat Ships Affecting the Asian Balance: 2001-2002.....	56
Southeast Asian Military Expenditures By Selected Nation:.....	57

1987-1997	57
Southeast Asian Military Expenditures By Selected Nation:.....	58
1998-2002	58
Southeast Asian Military Forces in 2001-2002: Part 1	59
Southeast Asian Military Forces in 2001-2002: Part 2	60
Southeast Asian Military Forces in 2001-2002: Part 3	61
Southeast Asian Military Forces in 2001-2002: Part 4	62
Southeast Asian Military Manpower in Key Powers: 2001-2002.....	63
Southeast Asian Main Battle Tanks: 2001-2002.....	65
Southeast Asian Armored Fighting Vehicles: 2001-2002.....	66
Southeast Asian Artillery Weapons in Key Powers: 2001-2002.....	67
Southeast Asian Artillery Strength: 2001-2002.....	68
Southeast Asian Fixed And Rotary Wing Combat Aircraft: 2001-2002.....	70
Southeast Asian Fixed Wing Combat Aircraft: 2001-2002.....	71
Southeast Asian Rotary Wing Combat Aircraft: 2001-2002.....	72
Southeast Asian Naval Combat Ships: 2001-2002.....	73
Southeast Asian Major Naval Combat Ships in Key Powers: 2001-2002	74
Western Naval Combat Ships Affecting the Asian Balance: 2001-2002.....	75
South Asian Military Expenditures By Selected Nation: 1987-1997.....	76
South Asian Military Expenditures By Selected Nation: 1998-2002.....	77
South Asian Military Forces in 2001-2002: Part 1.....	78
South Asian Military Forces in 2001-2002: Part 2.....	79
South Asian Military Manpower in Key Powers: 2002-2002.....	80
South Asian Main Battle Tanks: 2001-2002	81
South Asian Armored Fighting Vehicles: 2001-2002	82
South Asian Artillery Weapons in Key Powers: 2001-2002	83
South Asian Fixed and Rotary Wing Combat Aircraft: 2001-2002.....	86
South Asian Fixed Wing Combat Aircraft: 2001-2002	87
South Asian Rotary Wing Combat Aircraft: 2001-2002.....	88
South Asian Naval Combat Ships: 2001-2002.....	89
South Asian Major Naval Combat Ships in Key Powers: 2001-2002.....	90
Western Naval Combat Ships Affecting the Asian Balance: 2001-2002.....	91

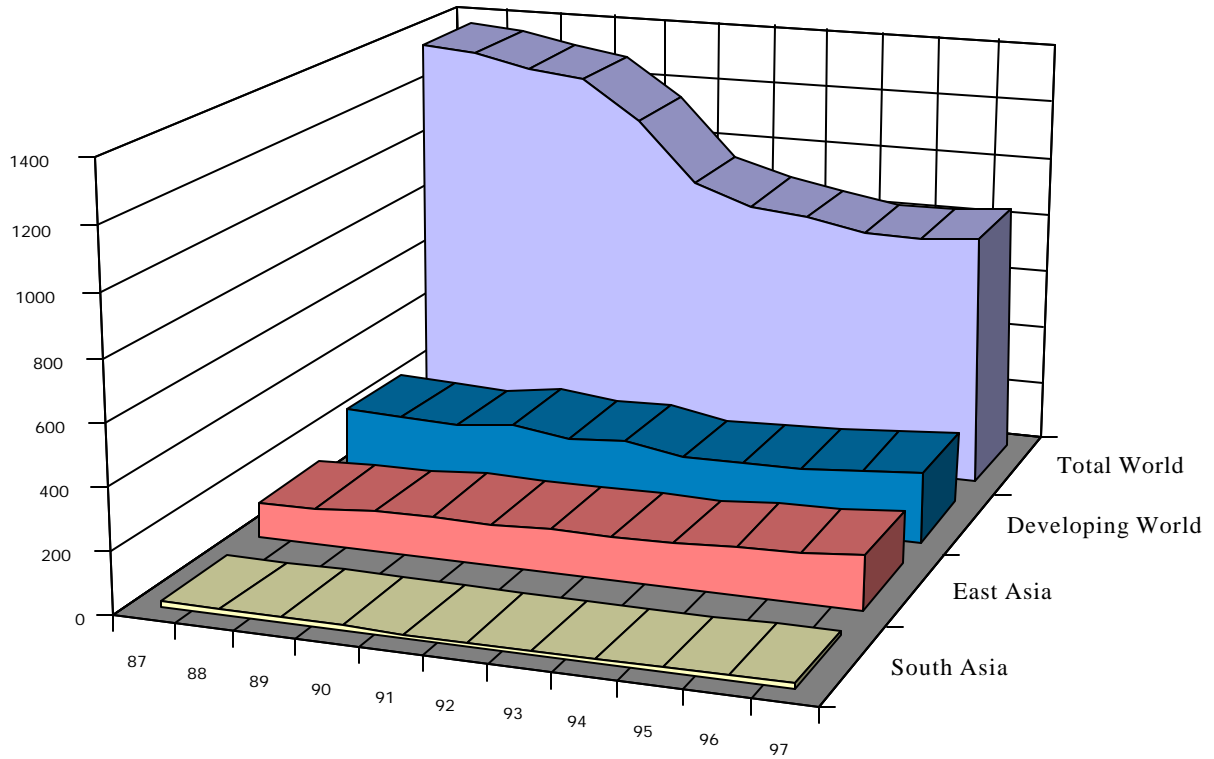
World Defense Spending: 2001-2002 (In \$US Billions)



	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.

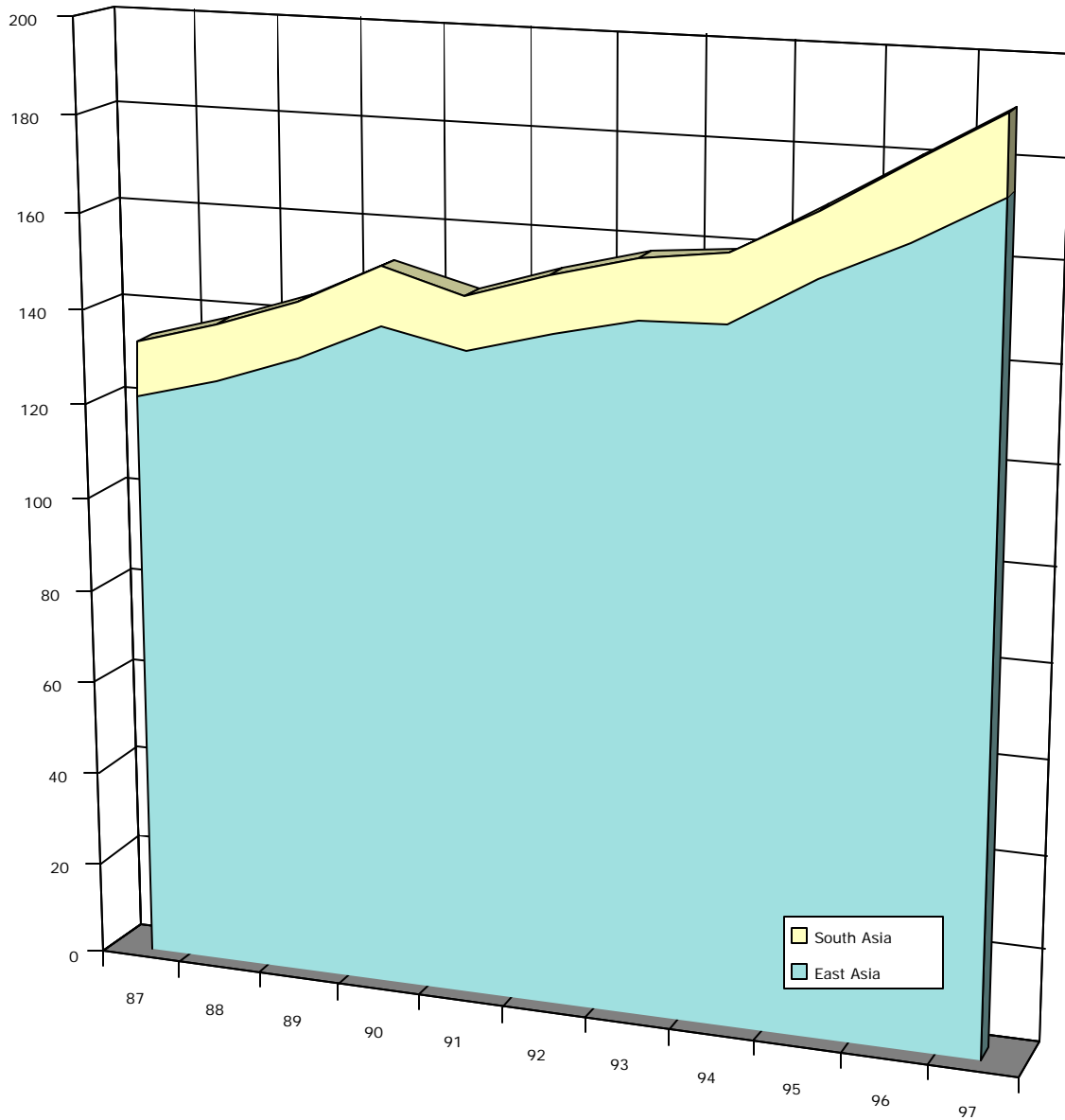
East and South Asian Military Expenditures versus World Expenditures 1987-1997 (in \$US 1997 Billions)



	87	88	89	90	91	92	93	94	95	96	97
South Asia	11.8	12	12	12.2	11.6	11.8	12.7	13.6	13.4	15.8	16.3
East Asia	121	126	132	140	136	141	145	146	156	164	174
Developing World	234	226	218	242	222	230	197	196	205	216	232
Total World	1360	1350	1310	1280	1150	949	885	860	826	823	842

Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions. Middle East does not include North African states other than Egypt.

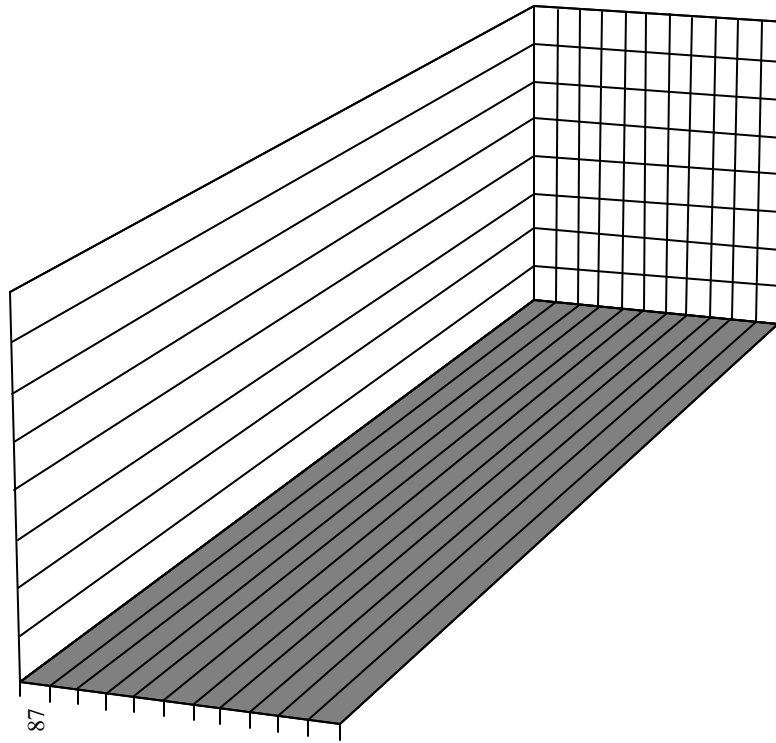
Total East and South Asian Military Expenditures: 1987-1997
(in \$US 1997 Billions)



	87	88	89	90	91	92	93	94	95	96	97
South Asia	11.8	12	12	12.2	11.6	11.8	12.7	13.6	13.4	15.8	16.3
East Asia	121	126	132	140	136	141	145	146	156	164	174

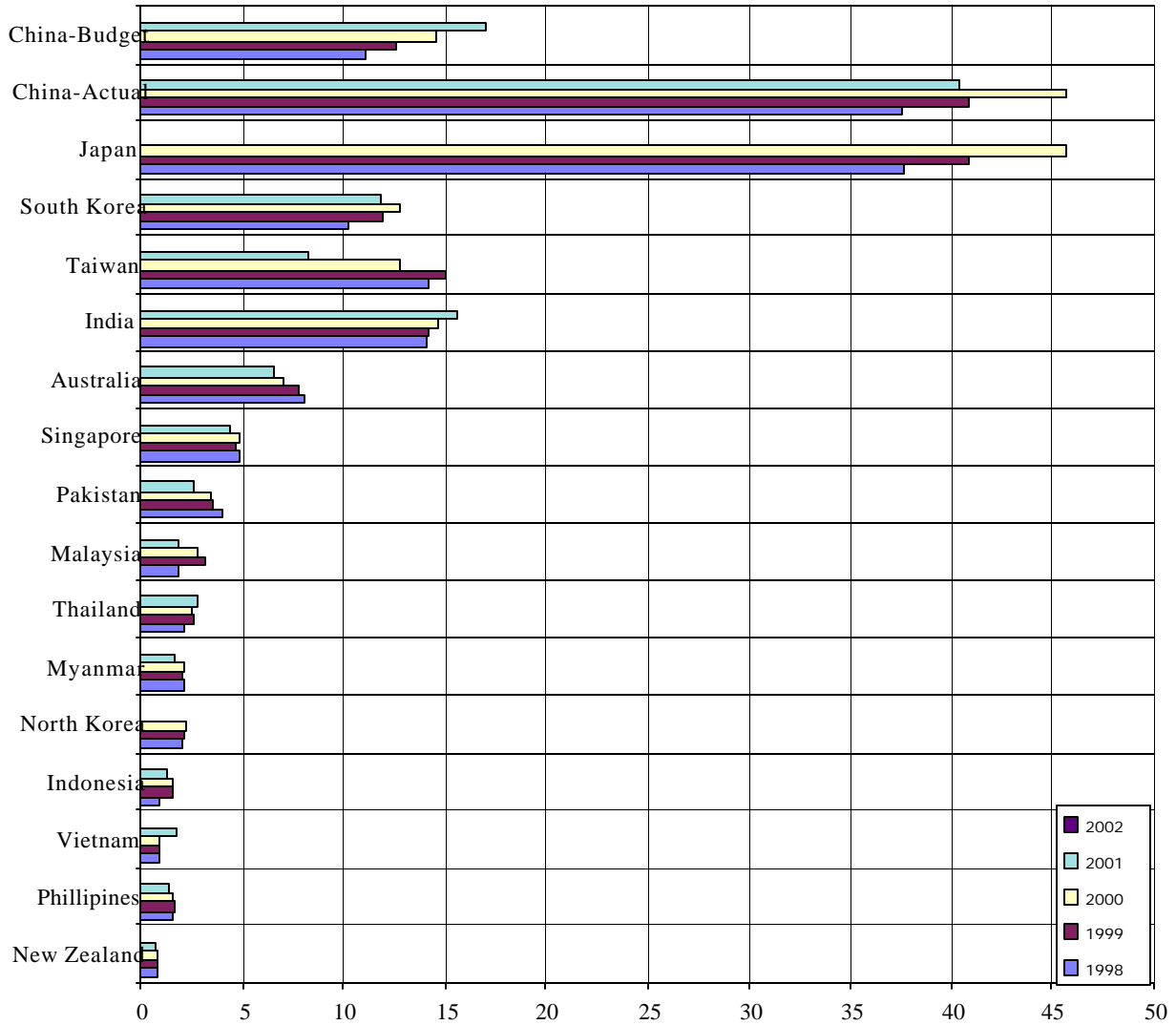
Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions. Middle East does not include North African states other than Egypt.

Asian Military Expenditures by Major Nation: 1987-1997
(in \$US 1997 Billions)



Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions..

Asian Military Expenditures by Major Nation: 1998-2002
(in \$US Current Billions)

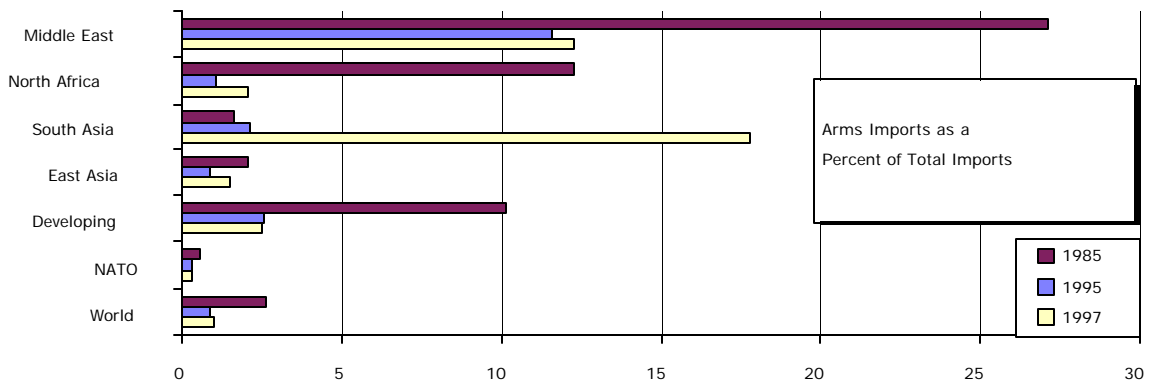
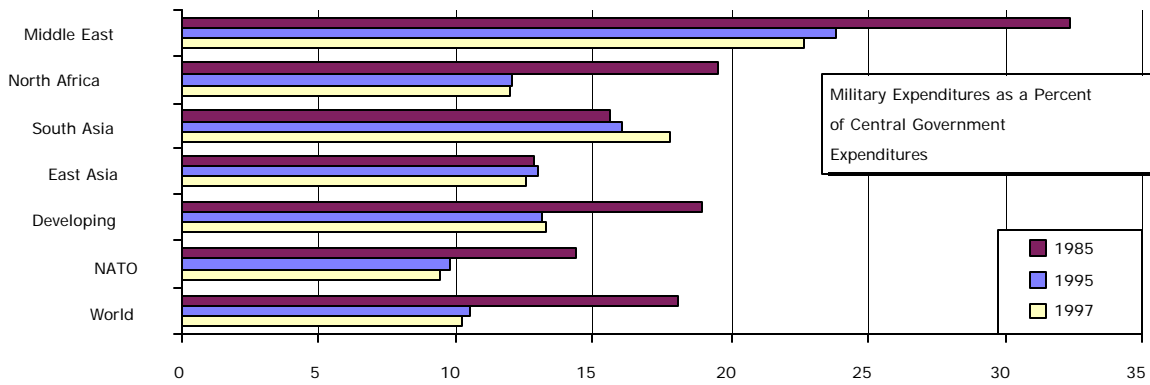
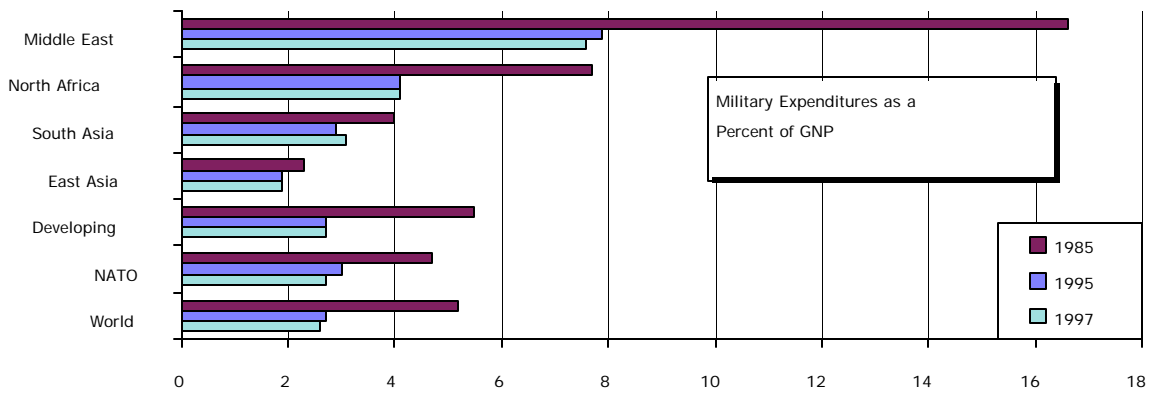


	New Zealand	Philippines	Vietnam	Indonesia	North Korea	Myanmar	Thailand	Malaysia	Pakistan	Singapore	Australia	India	Taiwan	South Korea	Japan	China Actual	China Budget
2002																	
2001	0.68	1.4	1.8	1.3		1.7	2.8	1.9	2.6	4.3	6.6	15.6	8.2	11.8		40.4	17
2000	0.8	1.5	0.95	1.5	2.2	2.1	2.5	2.8	3.4	4.8	7.1	14.7	12.8	12.8	45.6	45.6	14.5
1999	0.82	1.6	0.89	1.5	2.1	2	2.6	3.2	3.5	4.7	7.8	14.2	15	12	40.8	40.8	12.6
1998	0.88	1.5	0.93	0.95	2	2.1	2.1	1.9	4	4.8	8.1	14.1	14.2	10.2	37.7	37.5	11

Adapted by Anthony H. Cordesman from various editions of the ISS Military Balance. 2001 and 2002 data are generally budget rather than actual expenditures. Some adjustments made by author.

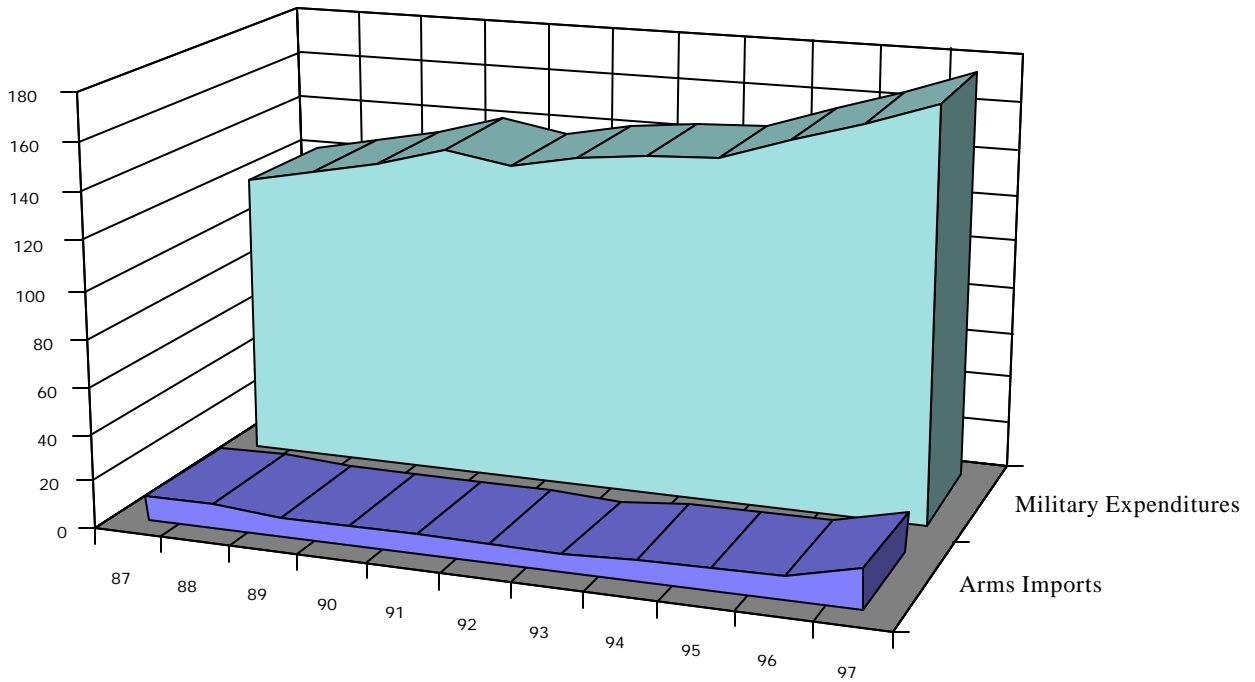
Asian “Militarization” versus Other Regions

(Military Expenditures and Arms Imports as an Economic Burden in the Middle East Relative to Other Regions)



Source: Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, Washington, GPO, various editions

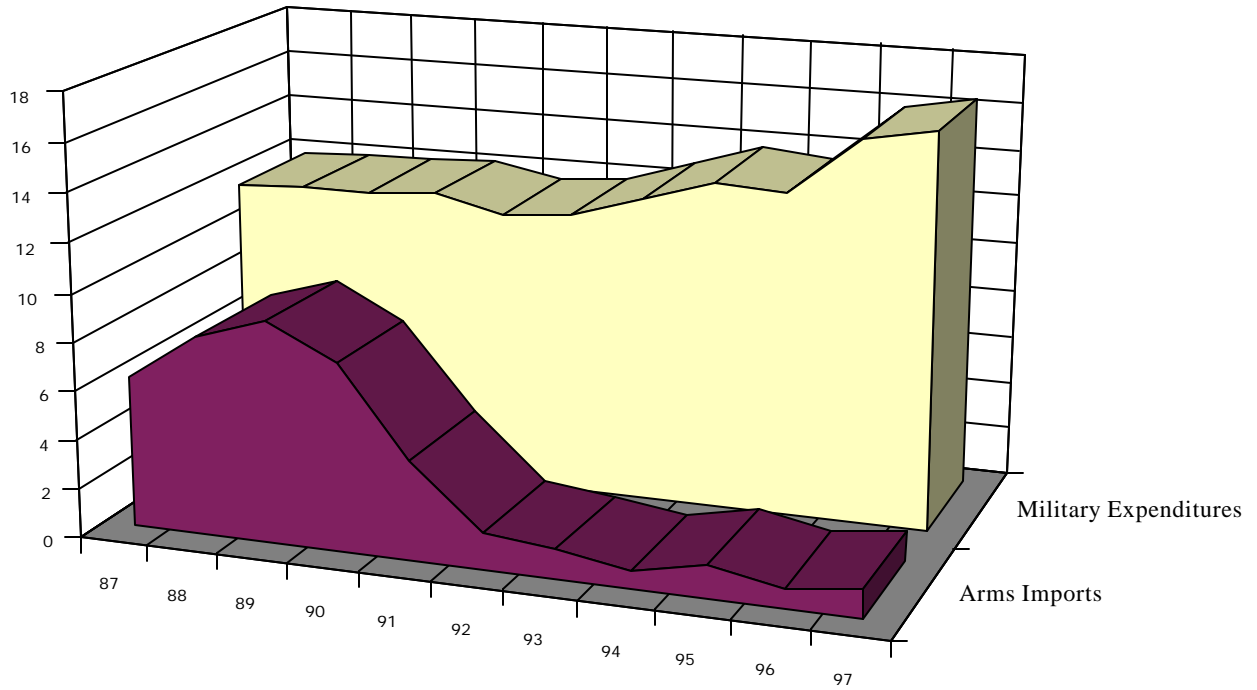
East Asian Military Expenditures Versus Arms Imports: 1987-1997
(in \$US 1997 Billions)



	87	88	89	90	91	92	93	94	95	96	97
Arms Imports	9.9	10	8.3	8.2	8.2	8.1	7.3	8.8	9.4	9.8	16.5
Military Expenditures	121	126	132	140	136	141	145	146	156	164	174

Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions. Middle East does not include North African states other than Egypt.

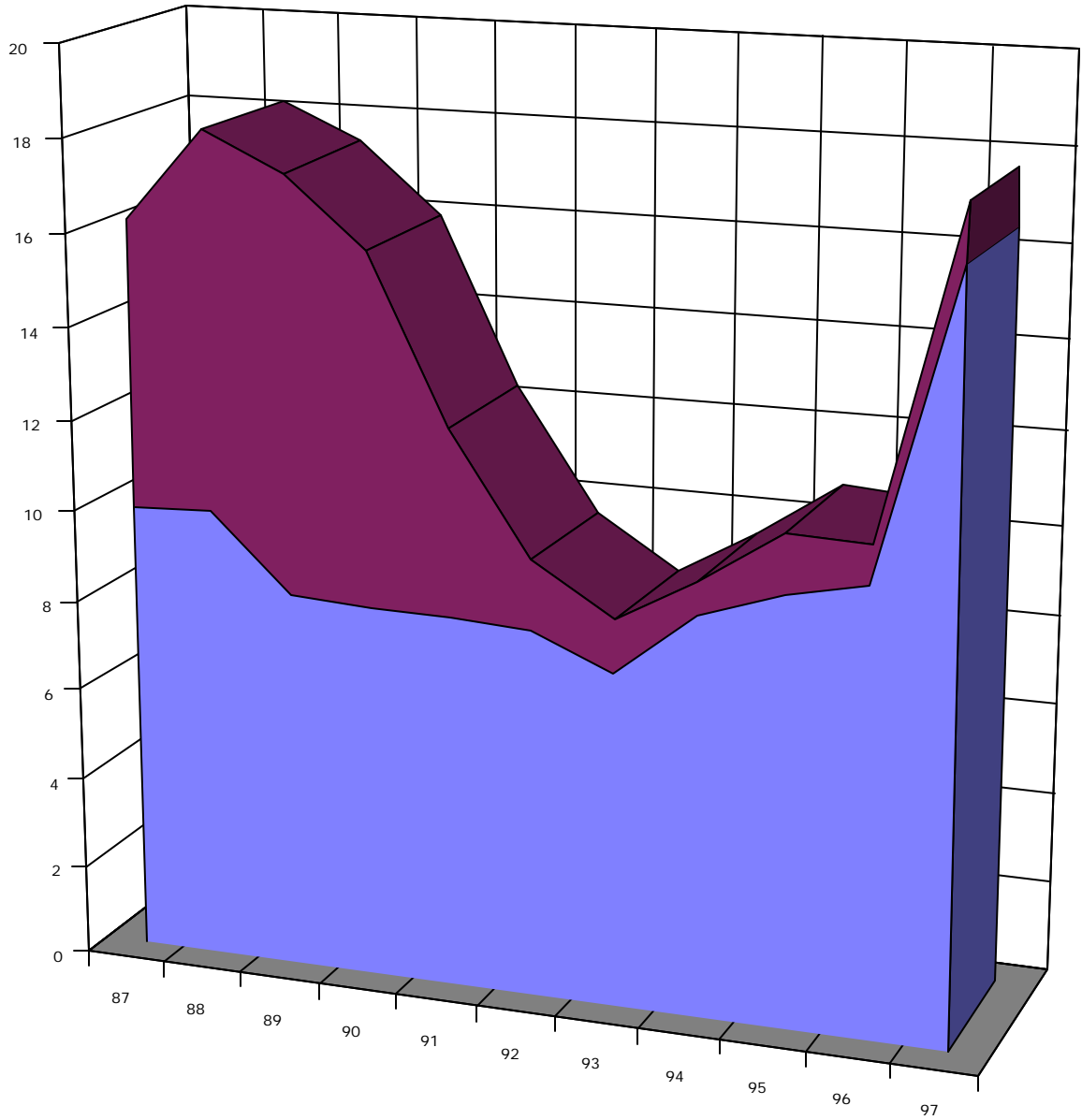
**South Asian Military Expenditures versus Arms Transfers:
1987-1997**
(in \$US 1997 Billions)



	87	88	89	90	91	92	93	94	95	96	97
Arms Imports	6.3	8.2	9.1	7.7	4.1	1.5	1.2	0.7	1.3	0.8	1.2
Military Expenditures	11.8	12	12	12.2	11.6	11.8	12.7	13.6	13.4	15.8	16.3

Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions. Middle East does not include North African states other than Egypt.

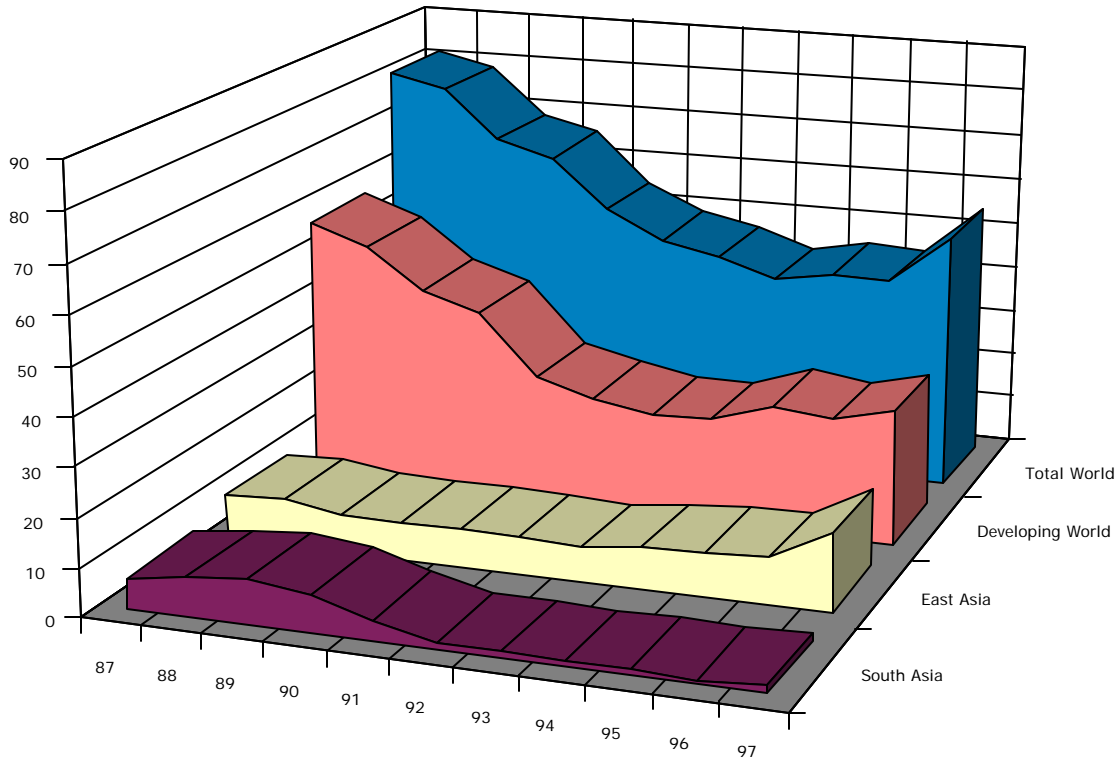
Total East and South Asian Arms Imports: 1987-1997
(in \$US 1997 Billions)



	87	88	89	90	91	92	93	94	95	96	97
South Asia	6.3	8.2	9.1	7.7	4.1	1.5	1.2	0.7	1.3	0.8	1.2
East Asia	9.9	10	8.3	8.2	8.2	8.1	7.3	8.8	9.4	9.8	16.5

Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions. Middle East does not include North African states other than Egypt.

Asian Arms Imports are a Small Fraction of the World Total
 (Arms Deliveries in Constant \$97 Billions)

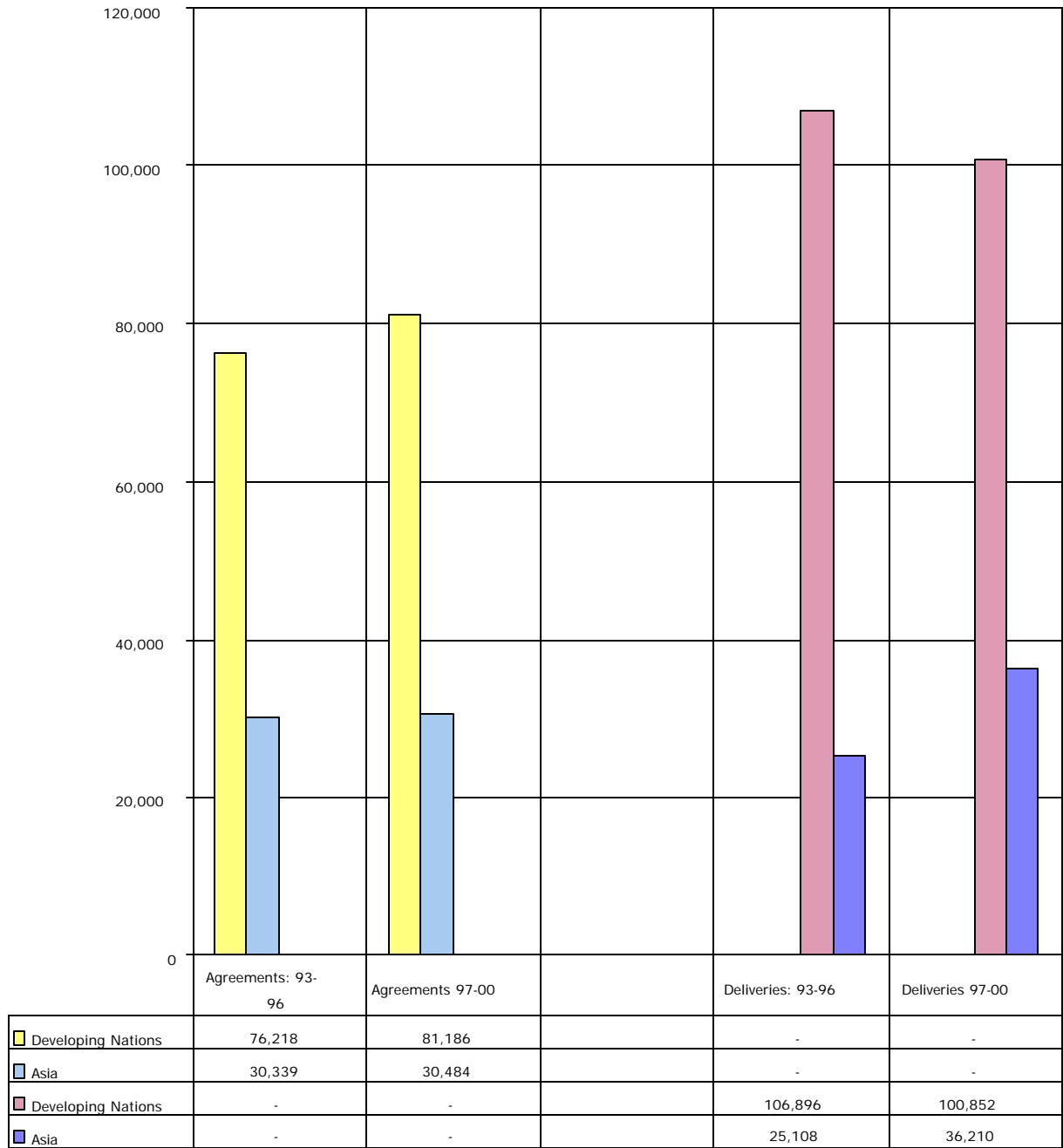


	87	88	89	90	91	92	93	94	95	96	97
South Asia	6.3	8.2	9.1	7.7	4.1	1.5	1.2	0.7	1.3	0.8	1.2
East Asia	9.9	10	8.3	8.2	8.2	8.1	7.3	8.8	9.4	9.8	16.5
Developing World	57.3	52.9	44.3	40.8	28.2	25	22.8	22.6	27	25.6	28.3
Total World	81.4	78.6	68.2	65	54.5	48.5	46	42.2	44.3	43.7	54.6

Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions. Middle East does not include North African states other than Egypt. East does not include North African states other than Egypt.

Arms Agreements vs. Deliveries to Asia: 1993-2000

(Arms Agreements and Deliveries to the Developing World vs. Total Sales to Asia in \$US Current Millions)

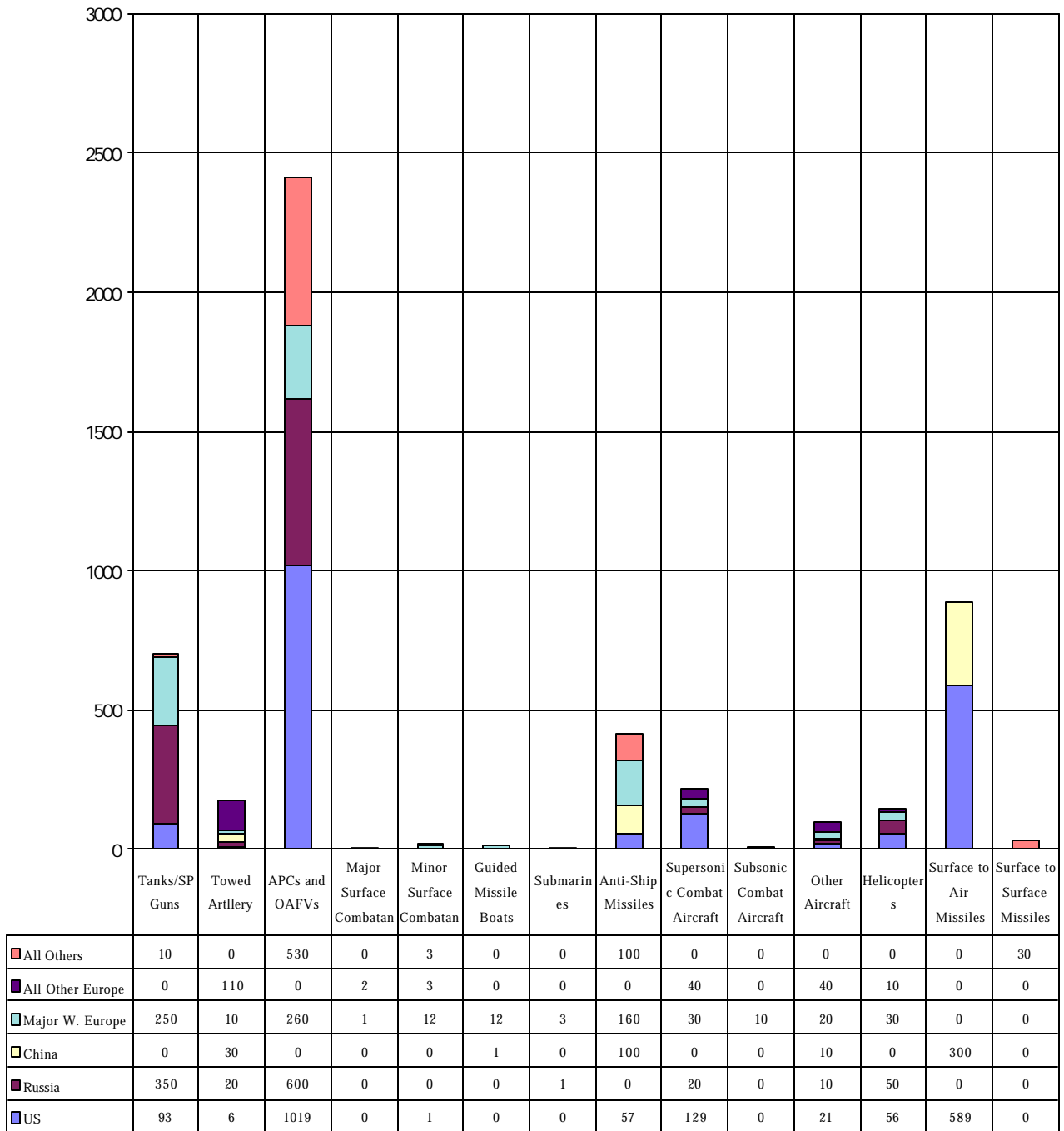


Includes Gulf states, Arab-Israeli states, North Africa, and Yemen

0 = less than \$50 million or nil, and all data rounded to the nearest \$100 million

Source: Richard F. Grimmett, Conventional Arms Transfers to the Developing Nations, Congressional Research Service, various editions.

Transfers of New Weapons to Asia and Pacific By Source
 (Numbers of New Weapons Transferred During 1997-2000)



Asia and Pacific excludes Japan, Australia, and New Zealand. Major West European includes France, UK, Germany, and Italy.
 0 = less than \$50 million or nil, and all data rounded to the nearest \$100 million

Source: Richard F. Grimmett, Conventional Arms Transfers to the Developing Nations, Congressional Research Service, various editions.

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>
Manpower (1,000s)									
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
Strategic Missile Forces (1,000s)									
ICBM	20	-	-	-	-	-	-	-	-
IRBM	130-150	-	-	-	-	-	-	-	-
SSBN/SBLM	1	-	-	-	-	-	-	-	-
Army and Guard Manpower (1,000s)									
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
Air Force Manpower (1,000s)									
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>
Total Naval									
Manpower (1,000s)	250	53	40	44.2	46	60	62	68	42
Major Surface Combatants									
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
Patrol Craft									
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
Submarines									
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
Marines (1,000s)	10	1	12	-	-	25	30	18	27
Naval Air	26000	5000	1000	9800	-	-	-	1700	-
Naval Aircraft									
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 th Fleet, Yokosuka: 1 CV 9 surface combatants 1 LCC Sasebo: 4 amph ships 1 MCM sqn	13,480 1 AF HQ (5 th 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 th 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 th 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 th 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	LSD – 8	
	Guided Missile Frigates – 15	LST – 1	

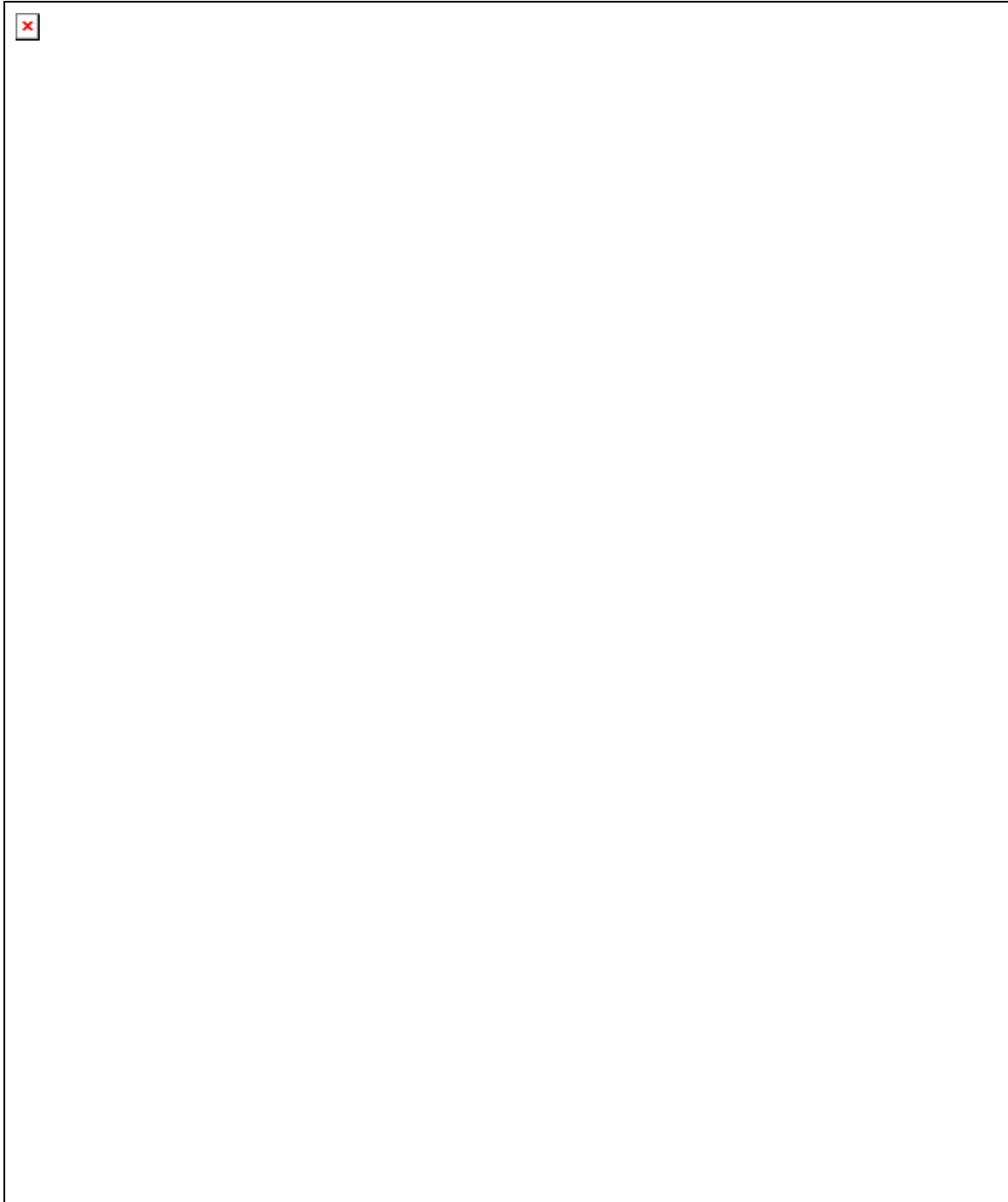
3rd Fleet (HQ: San Diego) covers Eastern and Central Pacific, Aleutian Islands, Bering Sea; typically 3 CVBG, 4 URG, amph gp

7th 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

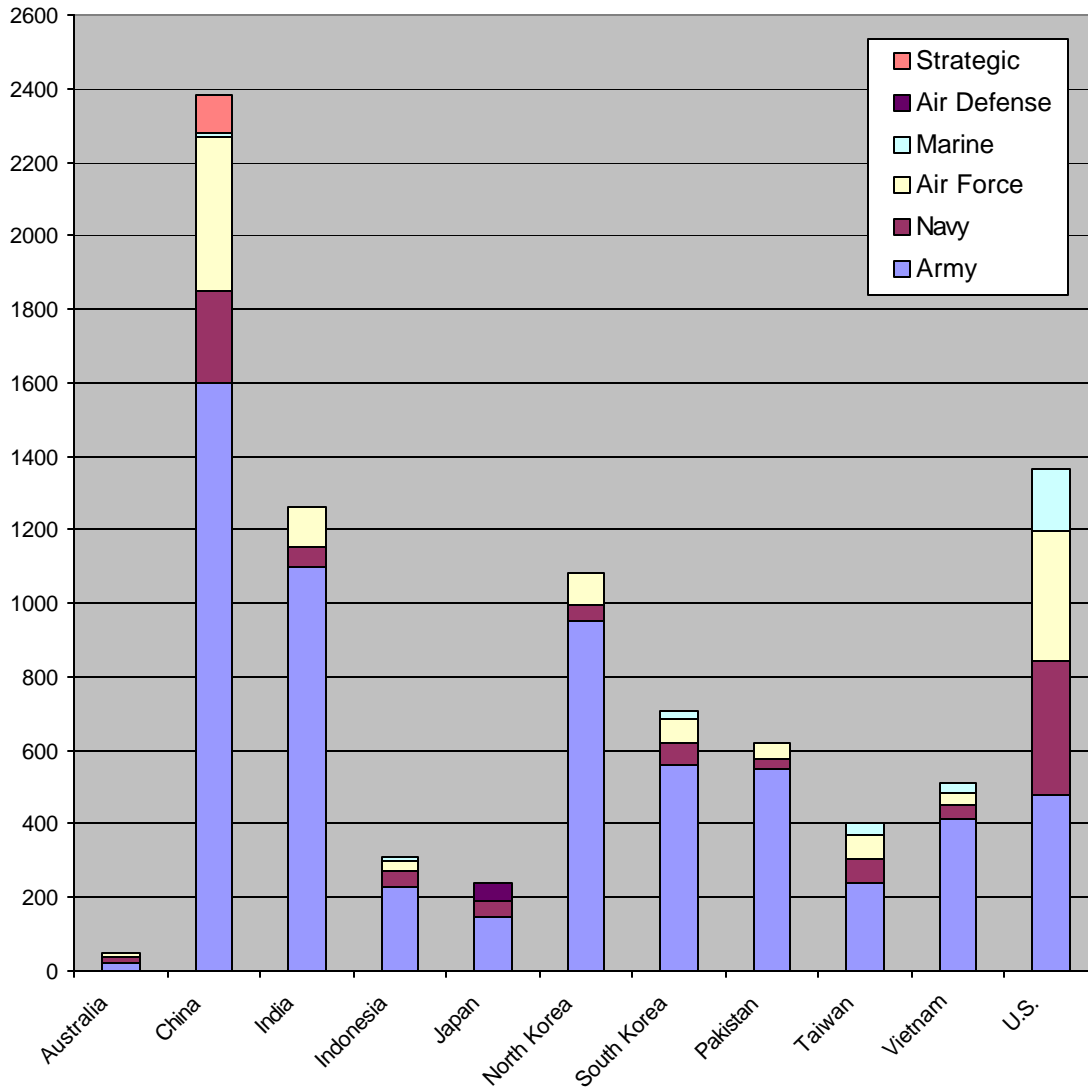
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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



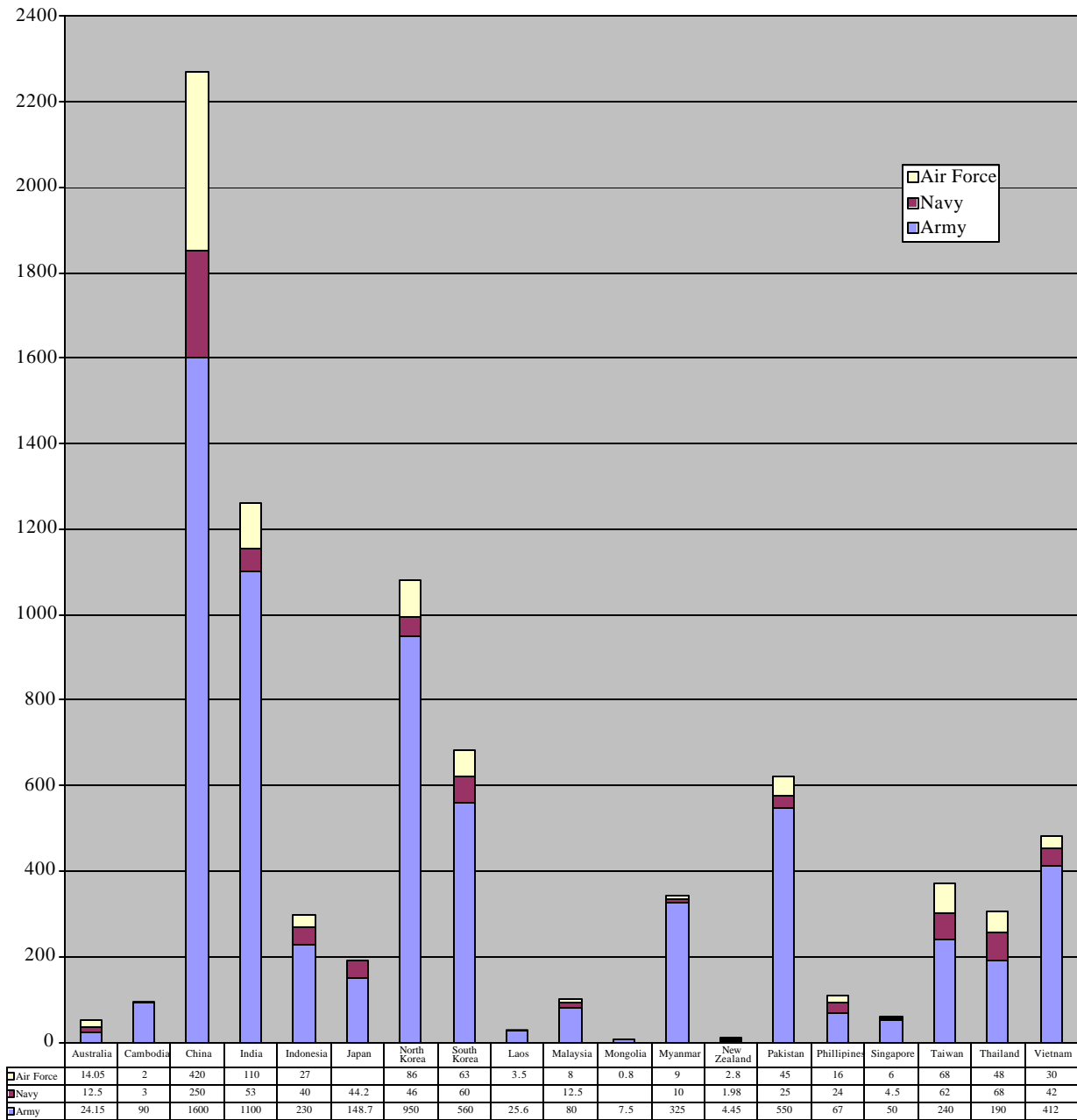
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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



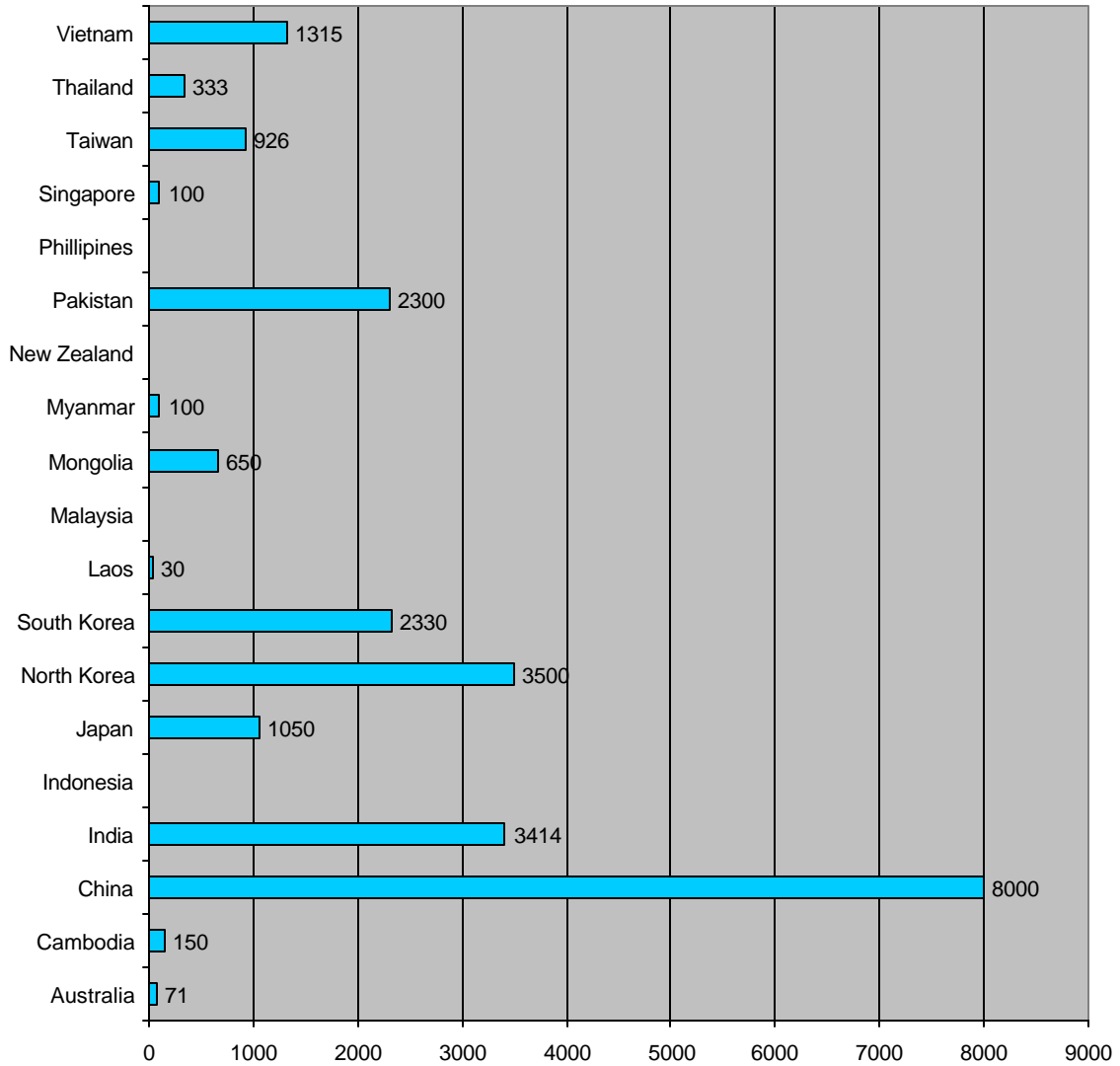
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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



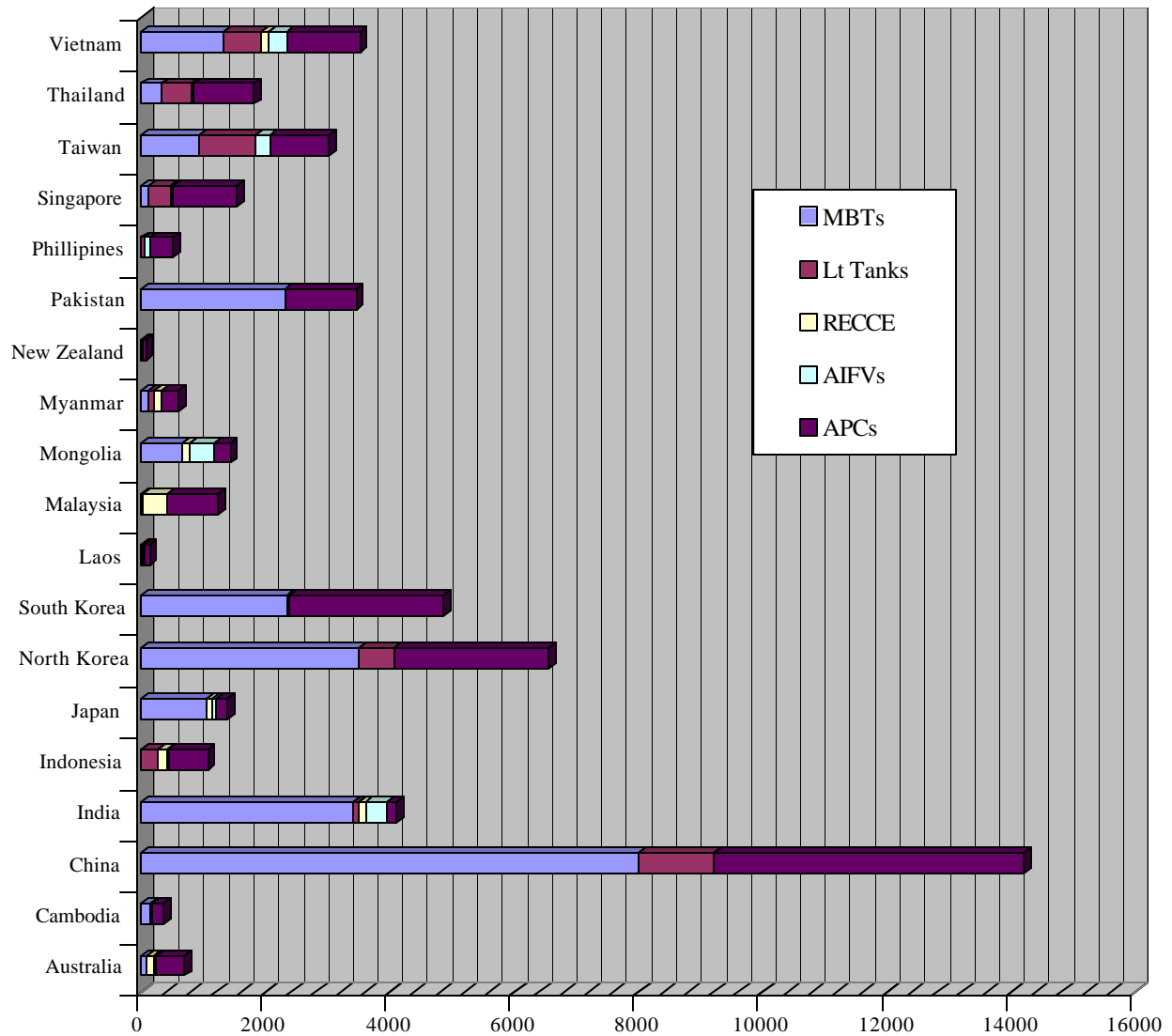
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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.

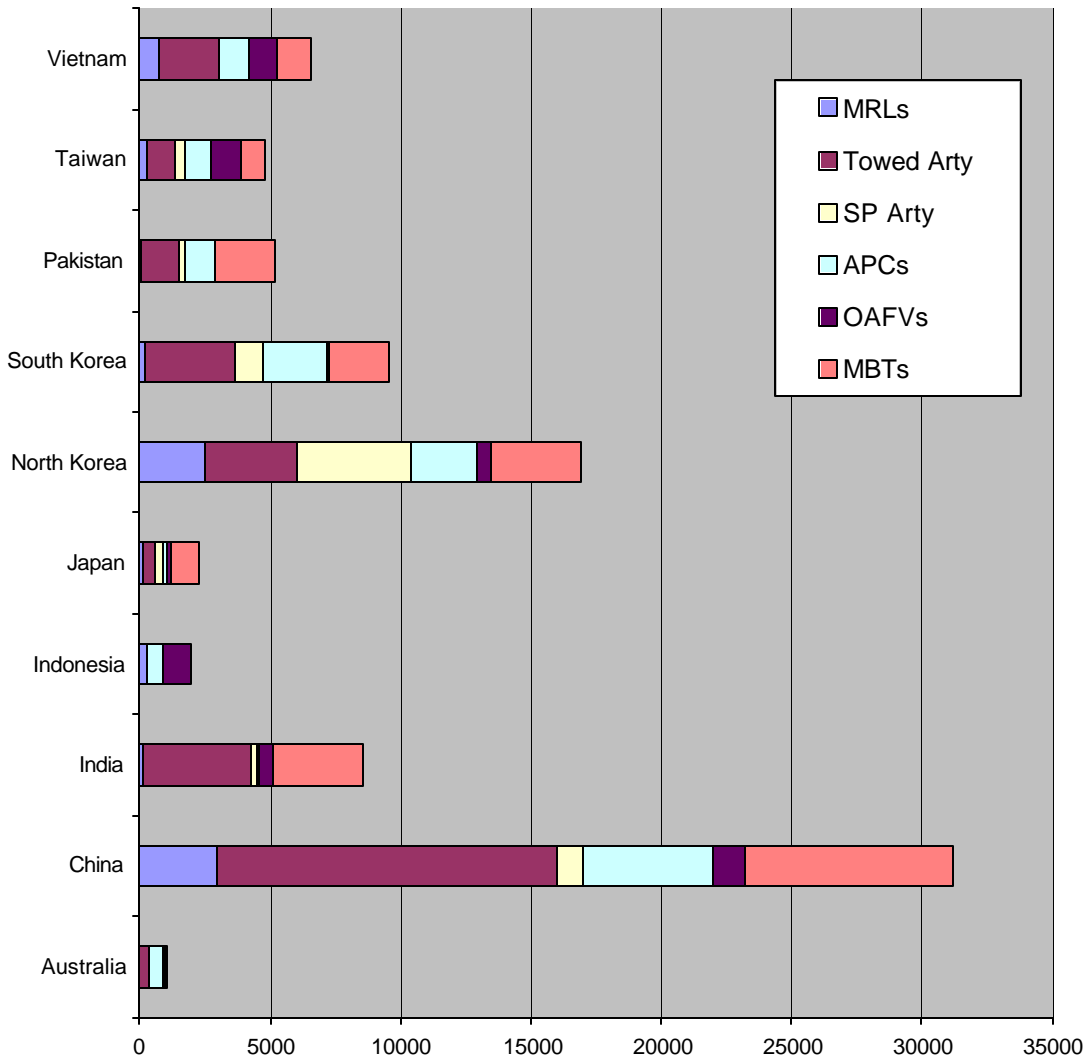
Asian Armored Fighting Vehicles: 2001-2002
 (Number of MBTs, Lt Tanks, RECCE, AIFVs, and APCs in Active Service)



	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.

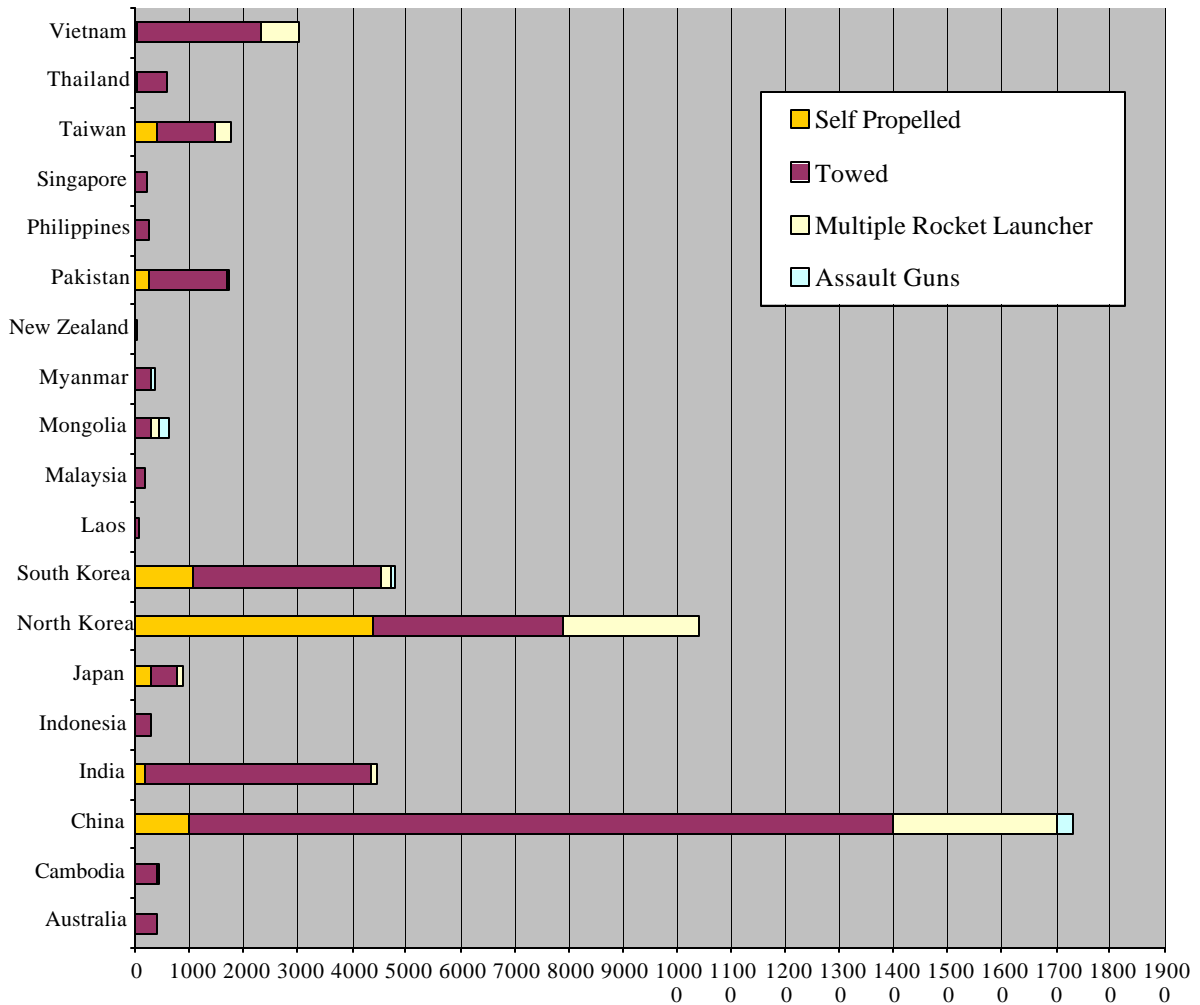
Asian Land Weapons in Key Powers: 2001-2002 (Number in Active Service)



	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.

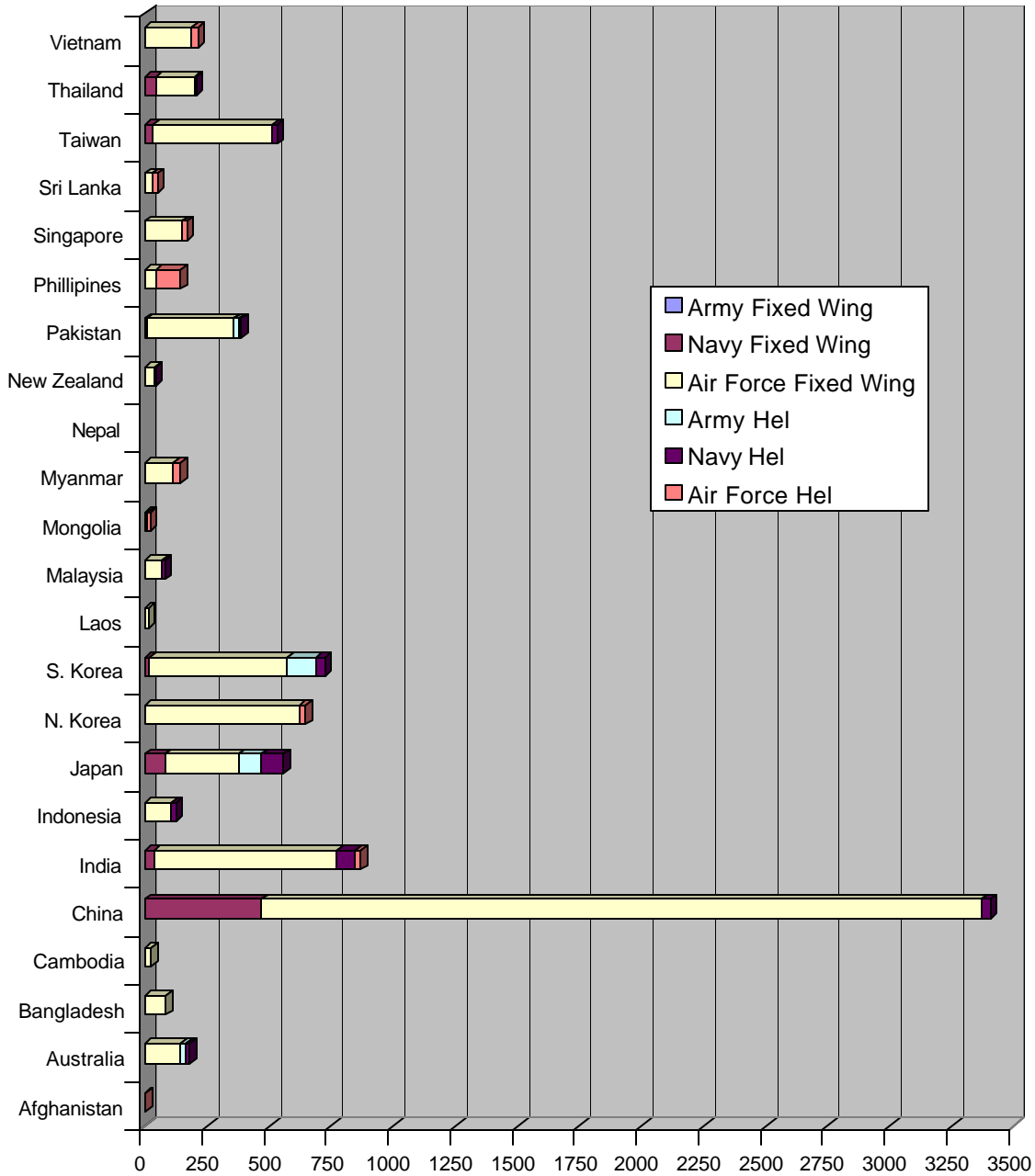
Asian Artillery Strength: 2001-2002 (Number in Active Service)



	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)



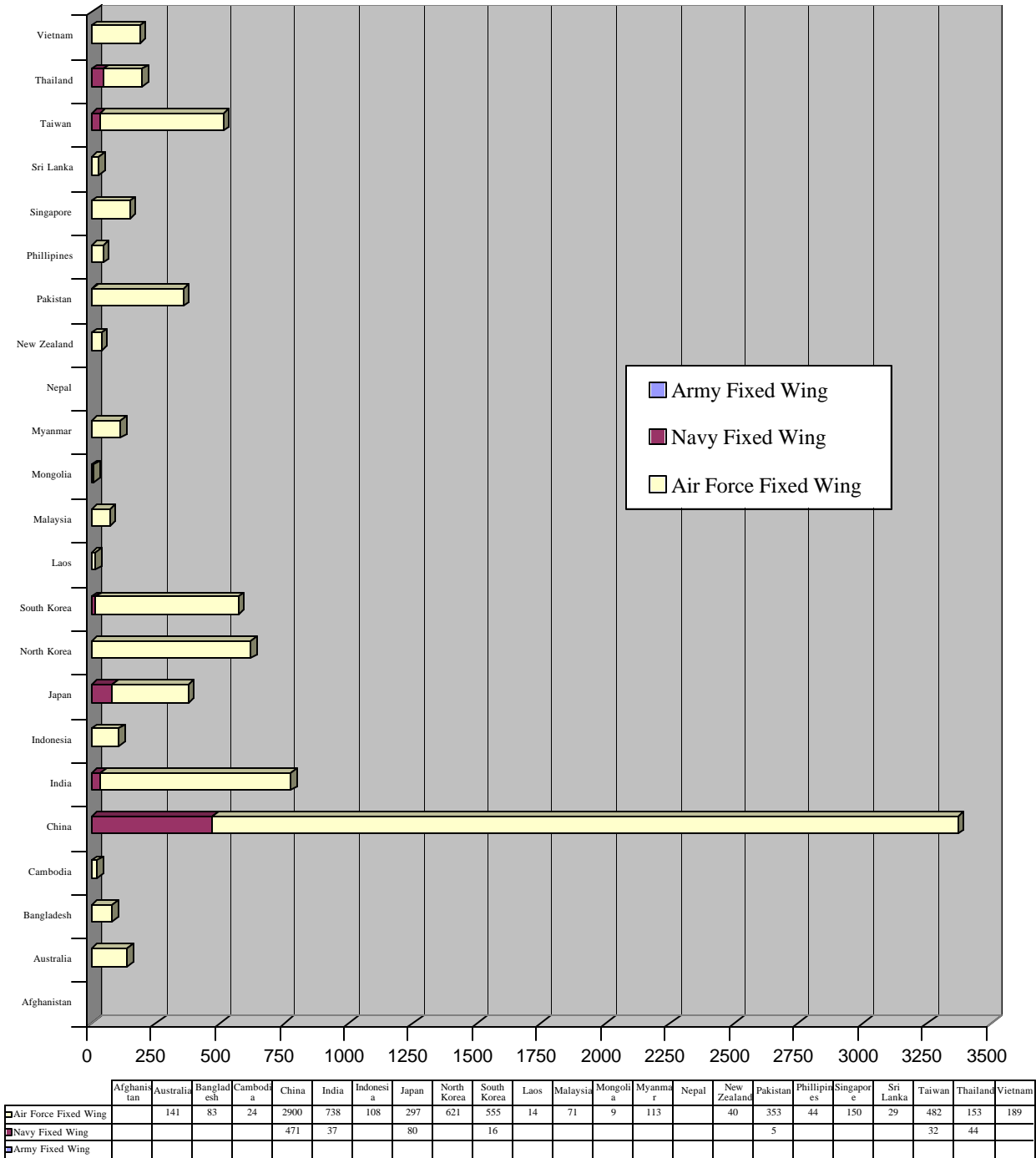
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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

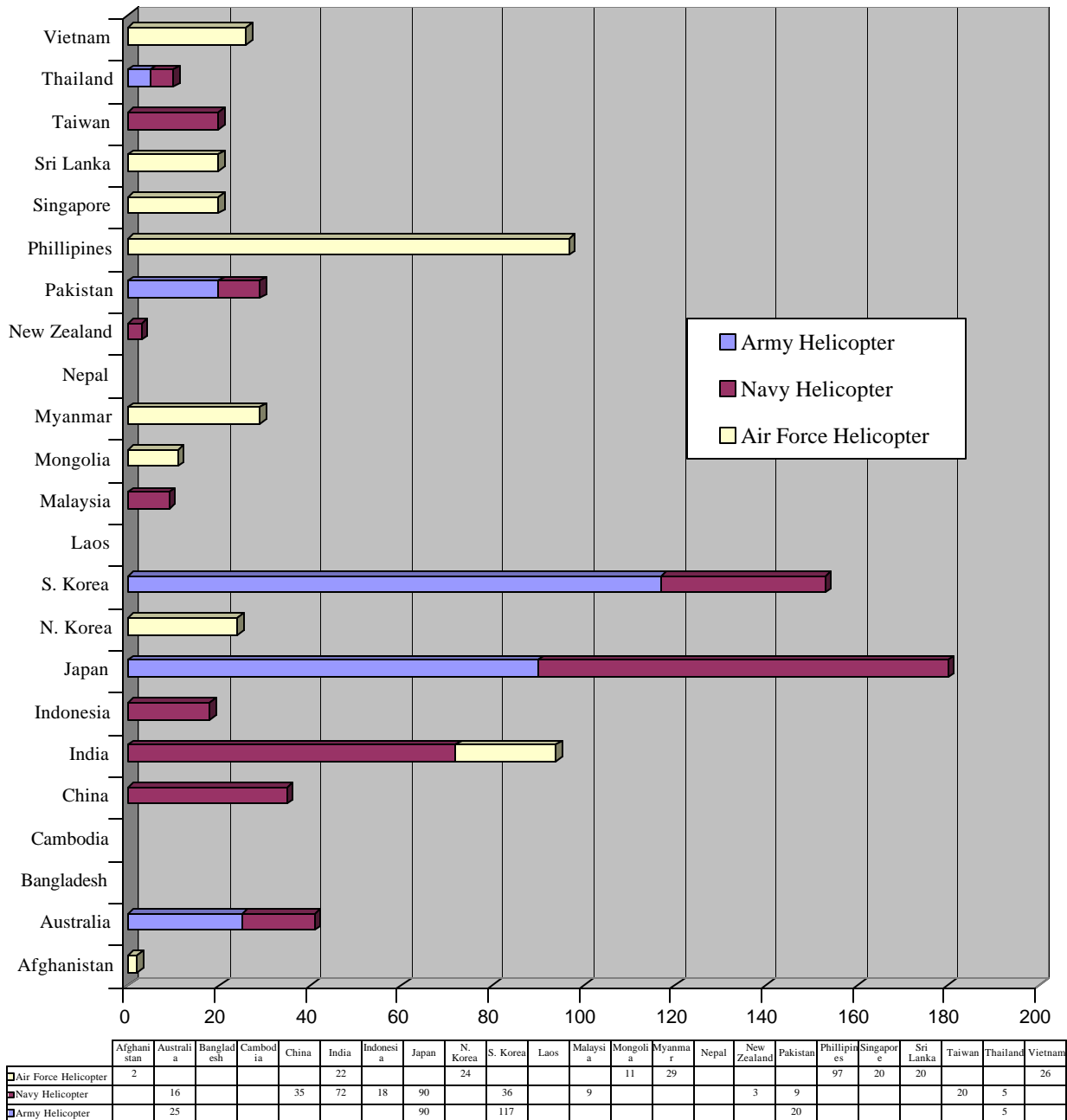
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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



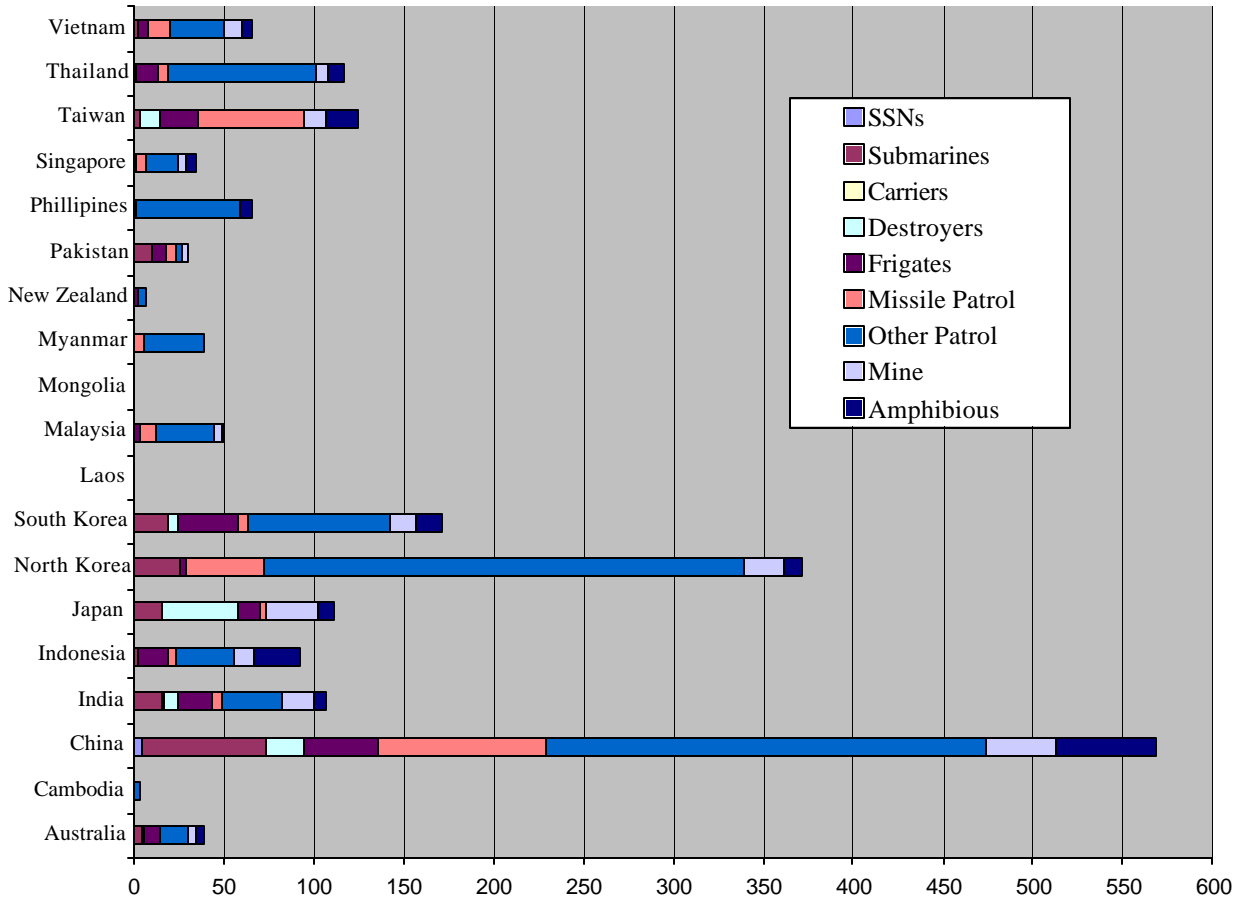
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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	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	6	59	6	12
Frigates	9		41	18	17	12	3	33		4			3	8	1		21	12	6
Destroyers	1		21	8		42		6										11	
Carriers				1														1	
Submarines	5		69	16	2	16	26	19						10		1	4		2
SSNs			5																

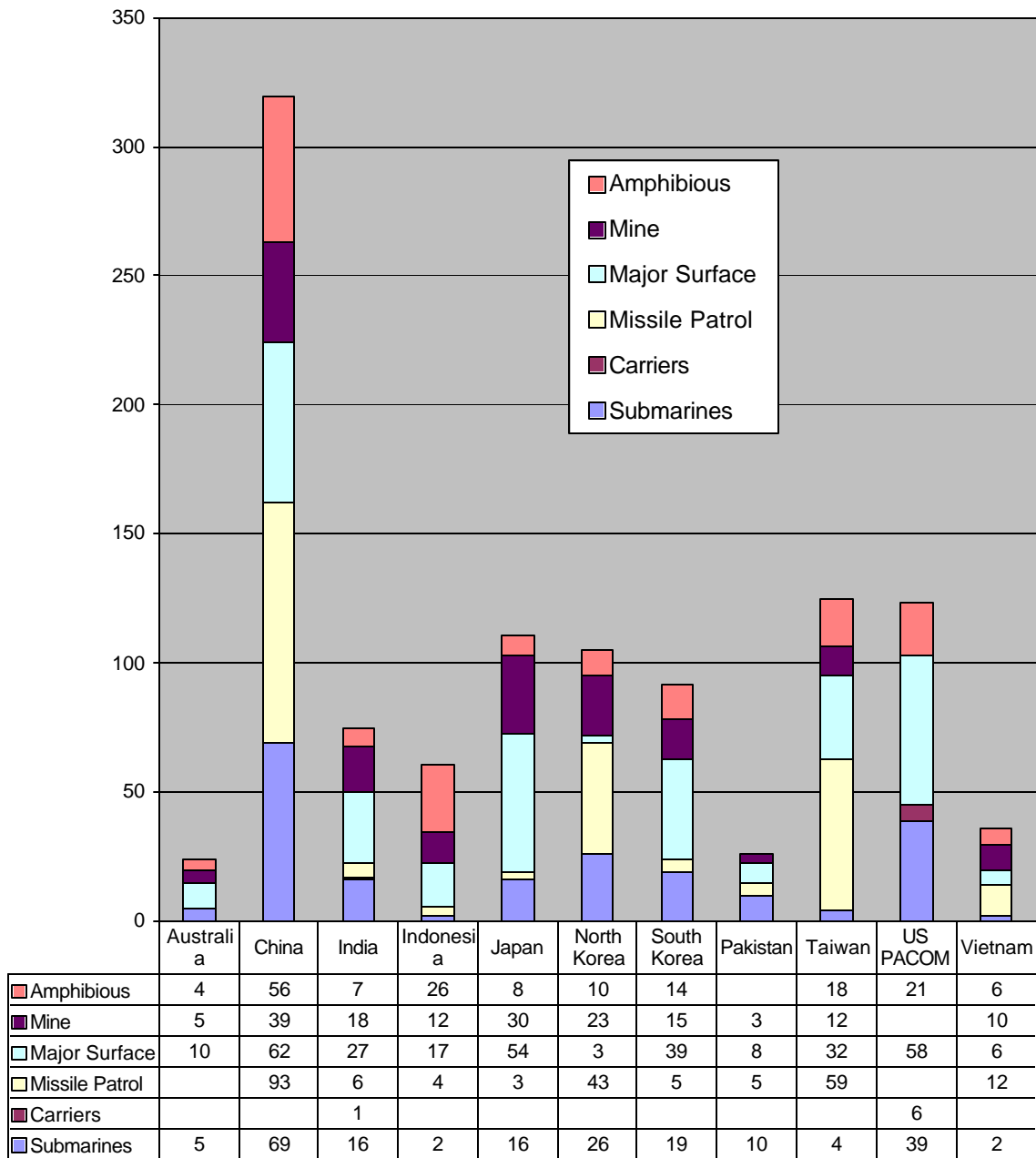
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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)



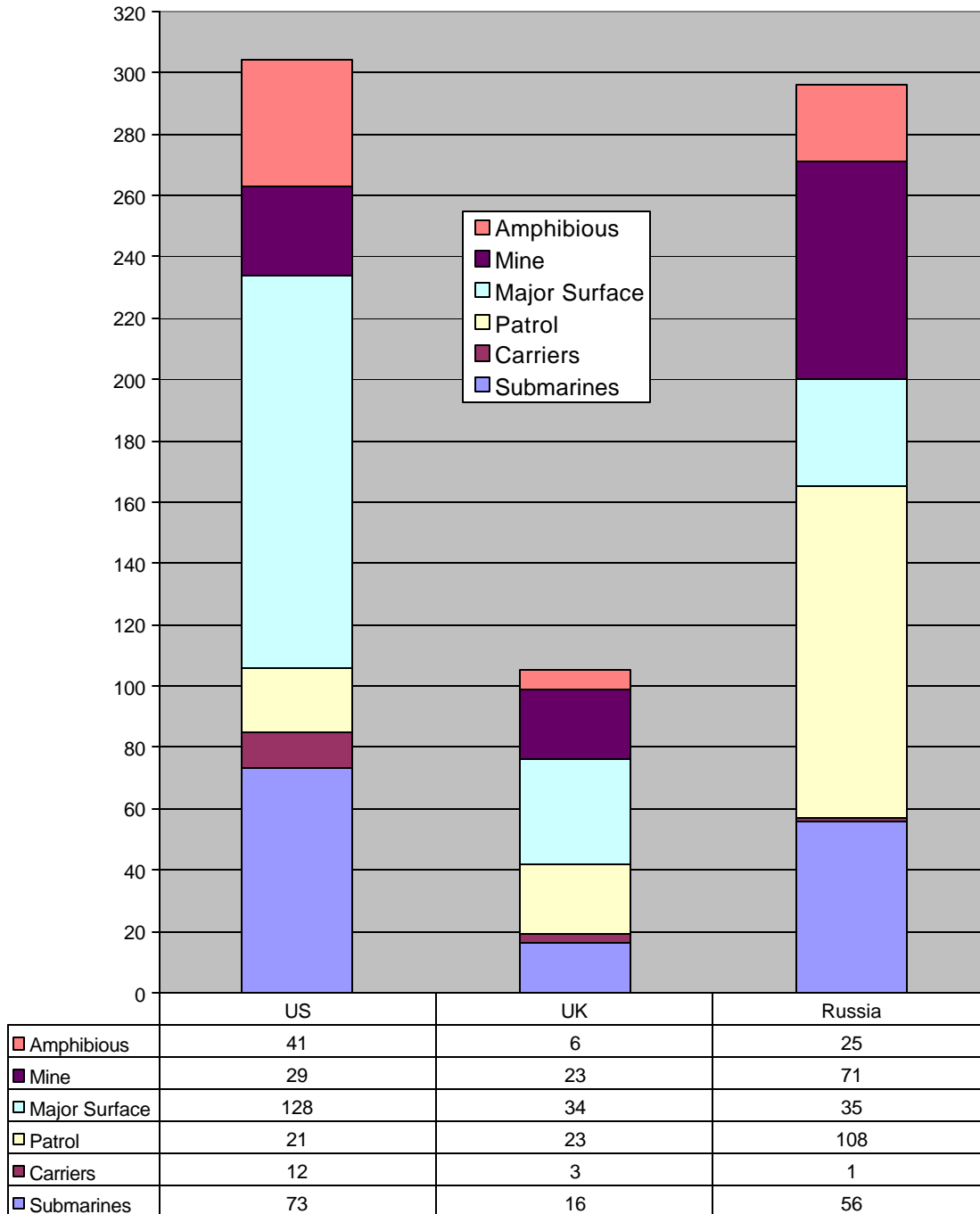
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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

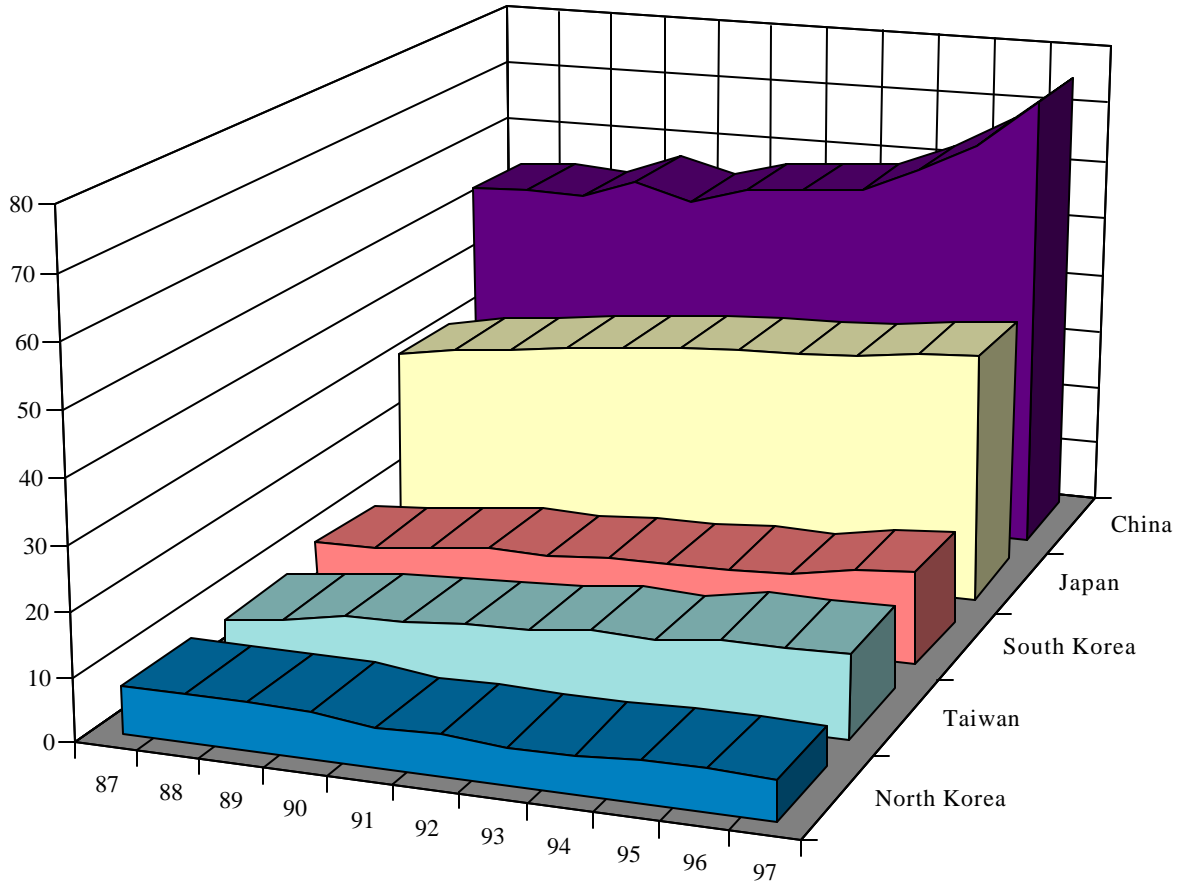
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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.

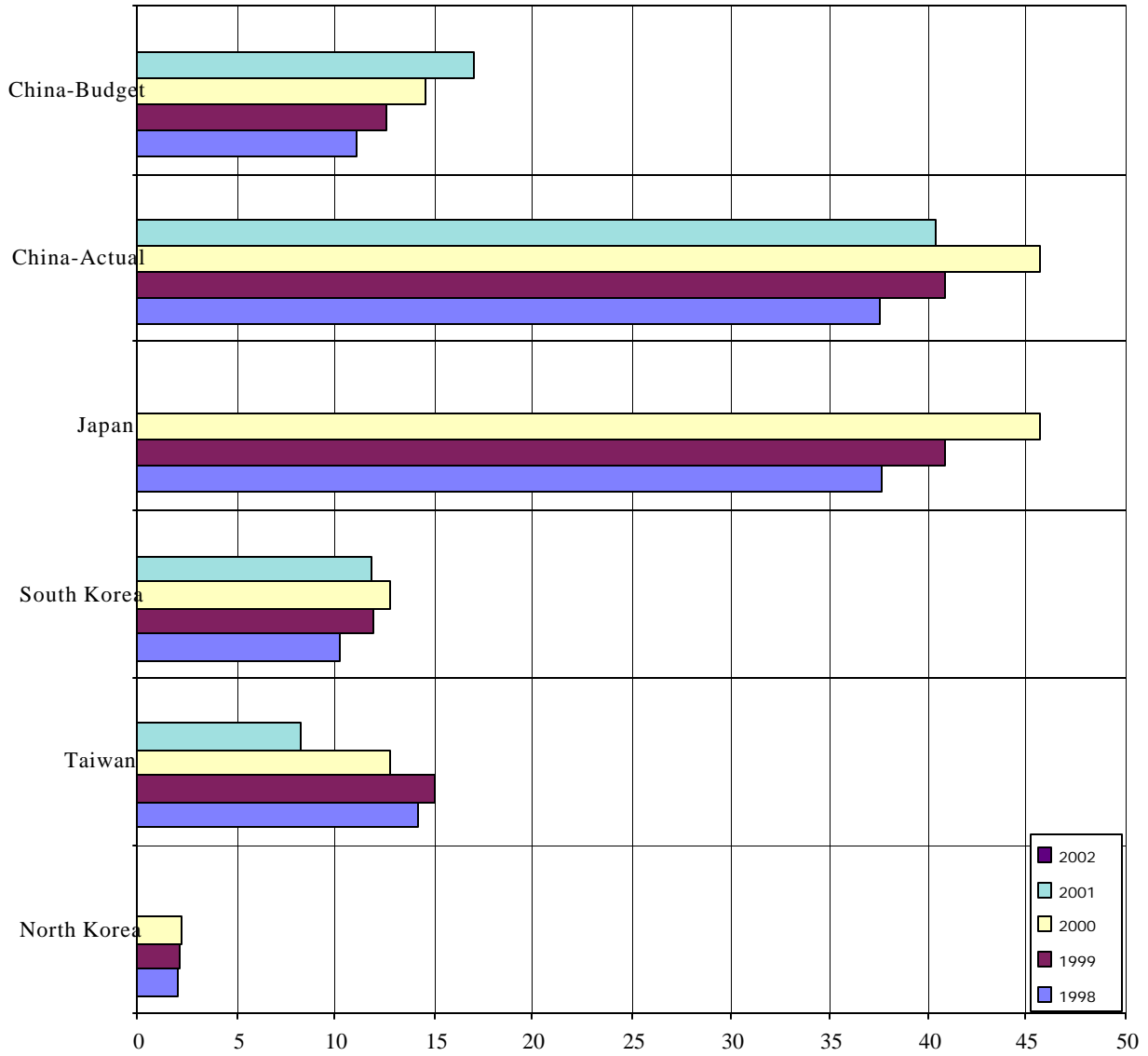
Northeast Asian Military Expenditures: 1987-1997
(in \$US 1997 Billions)



	87	88	89	90	91	92	93	94	95	96	97
■ North Korea	7.4	7.4	7.3	7	5.7	6.1	5.7	5.8	6.2	6.1	6
■ Taiwan	6.9	8	9.4	9.9	10.3	10.7	12.1	11.4	12.8	12.8	13.1
■ South Korea	8.8	9.4	10.3	11.4	11	11.7	11.9	12.4	12.4	14.3	15
■ Japan	31.8	33.2	34.5	35.7	36.7	37.5	37.9	38.2	38.8	40	40.8
■ China	53	53.6	53.1	56.6	54.1	56.6	57.3	58	62.2	67.2	74.9

Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions..

Northeast Asian Military Expenditures: 1998-2002
(in \$US Current Billions)



	North Korea	Taiwan	South Korea	Japan	China-Actual	China-Budget
2002						
2001		8.2	11.8		40.4	17
2000	2.2	12.8	12.8	45.6	45.6	14.5
1999	2.1	15	12	40.8	40.8	12.6
1998	2	14.2	10.2	37.7	37.5	11

Adapted by Anthony H. Cordesman from various editions of the IISS Military Balance. 2001 and 2002 data are generally budget rather than actual expenditures. Some adjustments made by author.

Northeast Asian Military Forces in 2001-2002: Part 1

	<u>China</u>	<u>Japan</u>	<u>Taiwan</u>	<u>N. Korea</u>	<u>S. Korea</u>
Manpower (1,000s)					
Total Active	2310	239.8	370	1082	683
Regular	2310	239.8	370	1082	683
National Guard & Other					
Reserve	500-600	47.4	1657.5	4700	4500
Paramilitary	1500	12.25	26.65	189	4.5
Strategic Missile Forces (1,000s)					
ICBM	20	-	-	-	-
IRBM	130-150	-	-	-	-
SSBN/SBLM	1	-	-	-	-
Army and Guard Manpower (1,000s)					
Regular Army Manpower	1600	148.7	240	950	560
Reserve (1,000s)	-	41.3	1500	600	-
Total Main Battle Tanks	8000	840	926	3500	2330
Active AIFV/Lt. Tanks	-	60	1130	560	40
Total APCs	6200*	750	950	2500	2480
Self-Propelled Artillery	1000	290	405	4400	1053
Towed Artillery	13000	480	1060	3500	3500
MRLs	3000	110	300	2500	185
Mortars	-	1280	-	7500	6000
SSM Launchers	-	90	-	54	12
Light SAM Launchers	-	770	-	10000	980
AA Guns	-	80	400	11000	600
Air Force Manpower (1,000s)					
Air Defense Manpower	420	-	68	86	63
	220	45.4	-	-	-
Total Combat Aircraft	2900	304	482	621	555
Bombers	150	-	-	80	-
Fighter/Attack	1800	55	386	541**	1465**
Fighter/Interceptor	884	180	58	-	-
Recce/FGA Recce	290	20	8	-	23
COIN/OCU	-	-	-	-	-
AEW C41/BM/EW	-	20	8	-	-
MR/MPA	-	-	-	-	-
Transport Aircraft	513	55	37	300	-
Tanker Aircraft	10	-	-	-	-
Total Helicopters	170	40	18	320	12
Armed Helicopters	-	-	-	24	-
Major SAM Launchers	-	-	-	125	-

Light SAM Launchers	-	-	-	-	-
AA Guns	16000	-	-	-	-

* Includes Lt. Tank, AIFV, and APC

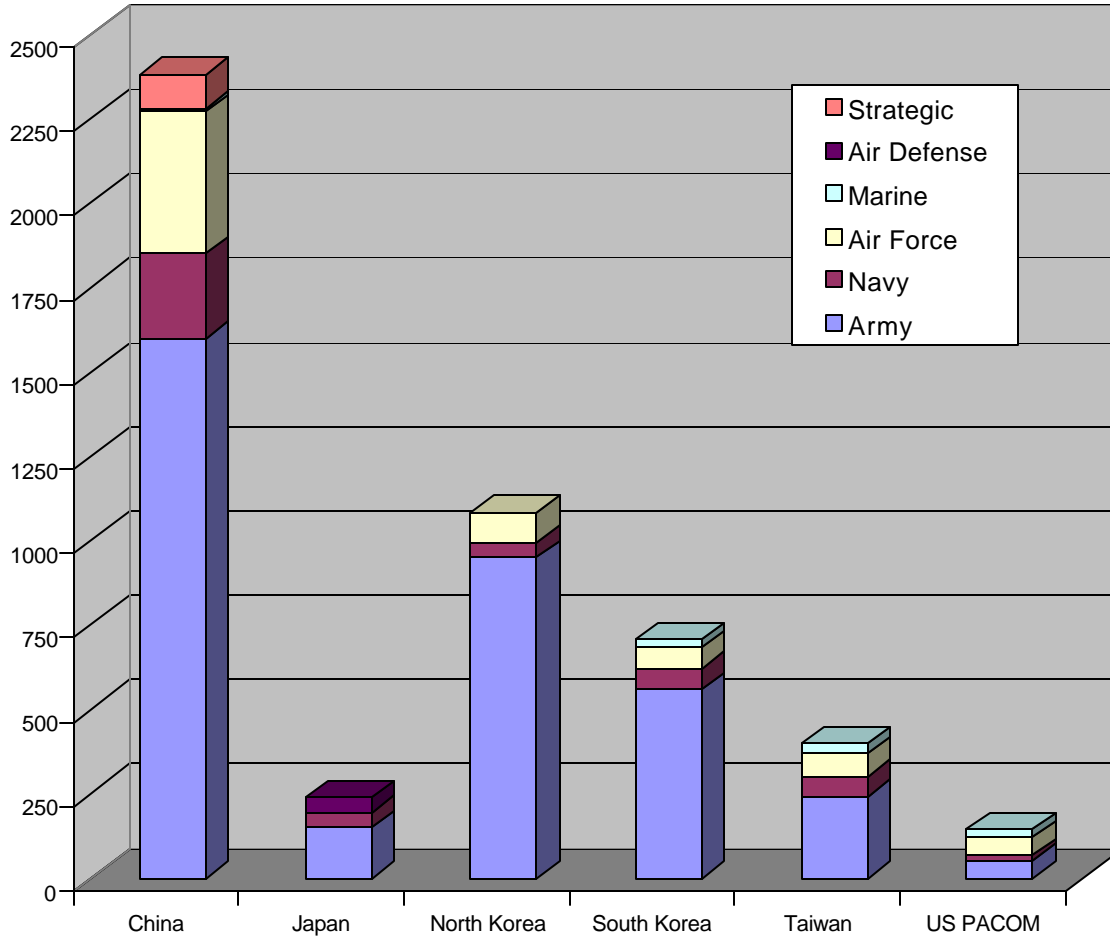
** Includes both FGA and FTR

Northeast Asian Military Forces in 2001-2002: Part 2

	<u>China</u>	<u>Japan</u>	<u>Taiwan</u>	<u>N. Korea</u>	<u>S. Korea</u>
Total Naval Manpower (1,000s)	250	44.2	62	46	60
Major Surface Combatants					
Carriers	-	-	-	-	-
Destroyer-Guided Missile	21	30	11	-	6
Other Destroyer	-	12	-	-	-
Frigate-Guided Missile	41	9	21	-	9
Other Frigate	-	3	-	3	-
Corvettes	-	-	-	6	28
Patrol Craft					
Missile	93	3	59	43	5
Torpedo and Coastal	134	-	-	128	-
Inshore, Riverine	141	-	-	133	75
Submarines					
SLBN	1	-	-	-	-
SSN	5	-	-	-	-
SSG	2	-	-	-	-
SS/SSK	61	16	4	26	19
Mine Vessels	39	30	12	23	15
Amphibious Ships	56	8	18	10	14
Landing Craft	285	13	325	130	36
Support Ships	159	19	20	7	13
Marines (1,000s)	10	-	30	-	25
Naval Air	26000	9800	-	-	-
Naval Aircraft	553	157	32	-	21
Bomber	77	-	-	-	-
FGA	40	-	-	-	-
Fighter	332	-	-	-	-
MR/MPA	8	80	32	-	5
Armed Helicopters	35	90	20	-	36
ASW Helicopters	35	80	20	-	-
SAR Helicopters	-	10	-	-	-
Mine Warfare Helicopters	-	-	-	-	-
Other Helicopters	66	10	-	-	-

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.

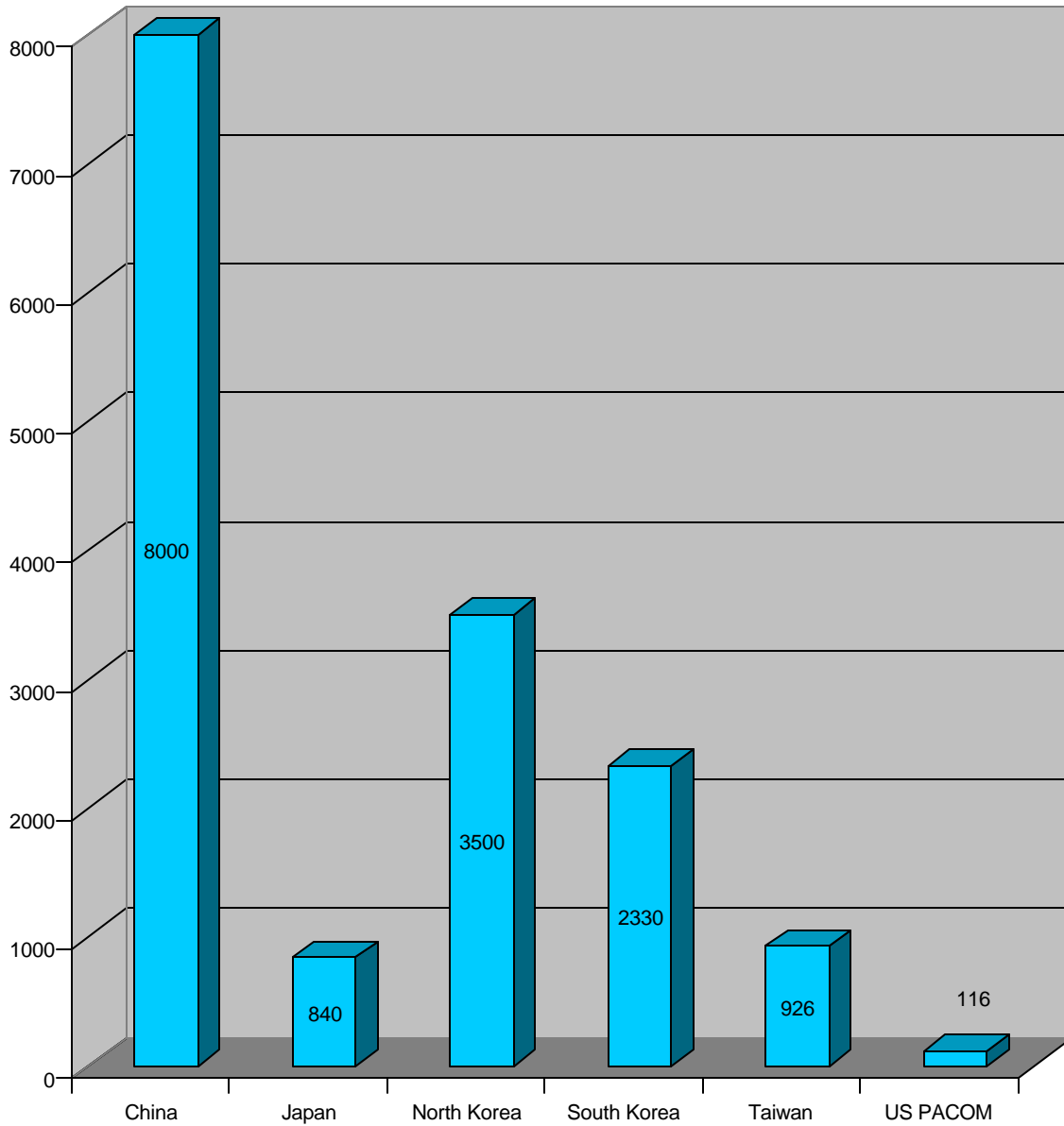
Northeast Asian Military Manpower in Key Powers: 2001-2002
(In 1000s)



	Army	Navy	Air Force	Marine	Air Defense	Strategic
China	1600	250	420	10	-	100
Japan	148.7	44.2	-	-	45.4	-
North Korea	950	46	86	-	-	-
South Korea	560	60	63	25	-	-
Taiwan	240	62	68	30	-	-
US PACOM	50.28	15.64	53.98	24.36	-	-

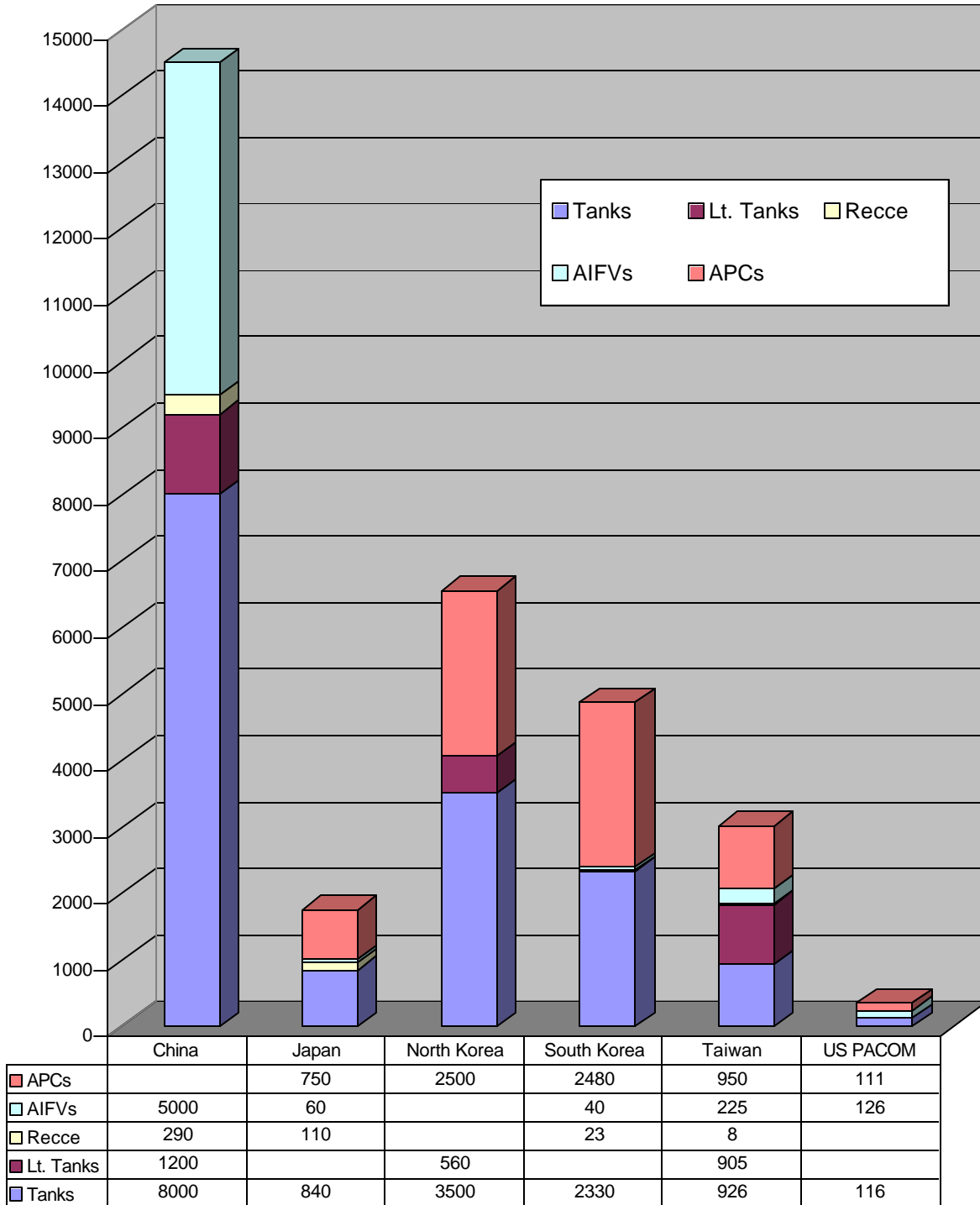
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

Northeast 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.

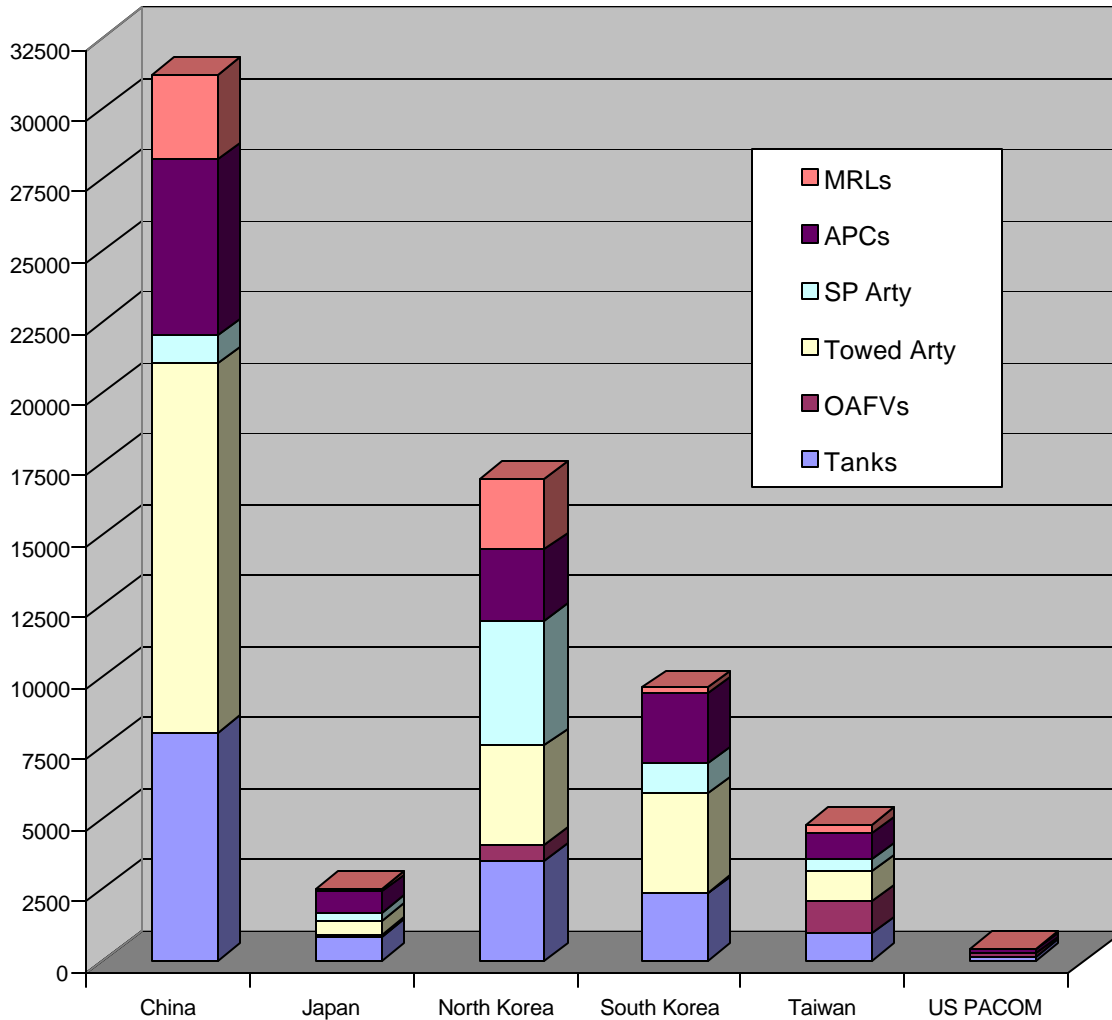
Northeast Asian Armored Fighting Vehicles: 2001-2002
 (Number of Tanks, OAFVs, APCs, Recce, in Active Service)



Note: Chinese AIFVs include AIFVs and APCs.

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.

Northeast Asian Artillery Weapons in Key Powers: 2001-2002
(Number in Active Service)



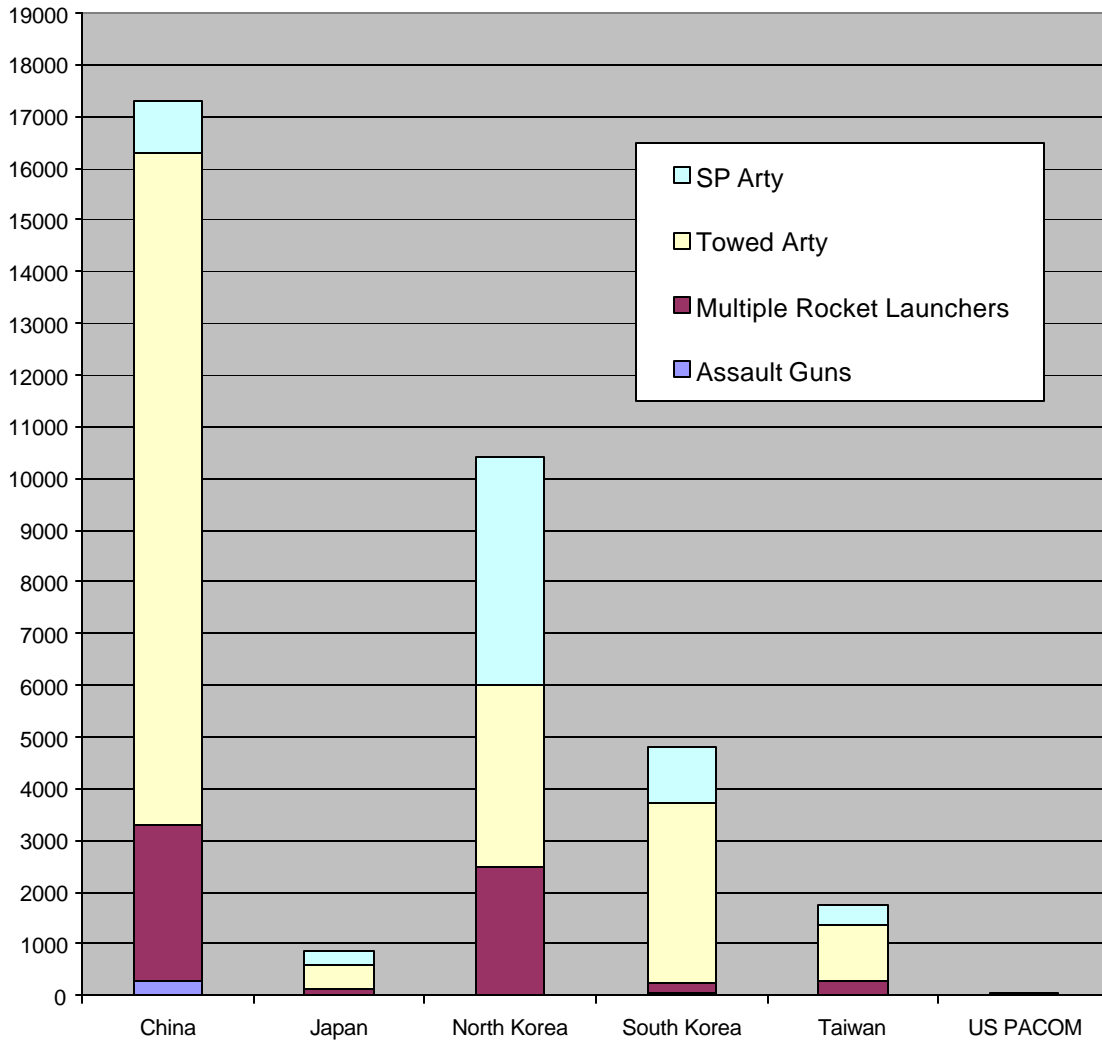
	Tanks	OAFVs	Towed Arty	SP Arty	APCs	MRLs
China	8000		13000	1000	6200*	3000
Japan	840	60	480	290	750	110
North Korea	3500	560	3500	4400	2500	2500
South Korea	2330	40	3500	1053	2480	185
Taiwan	926	1130	1060	405	950	300
US PACOM**	116	126			111	45

*6200 includes APCs and OAFVs

**45 includes Towed Arty, SP Arty, and MRLs

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.

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

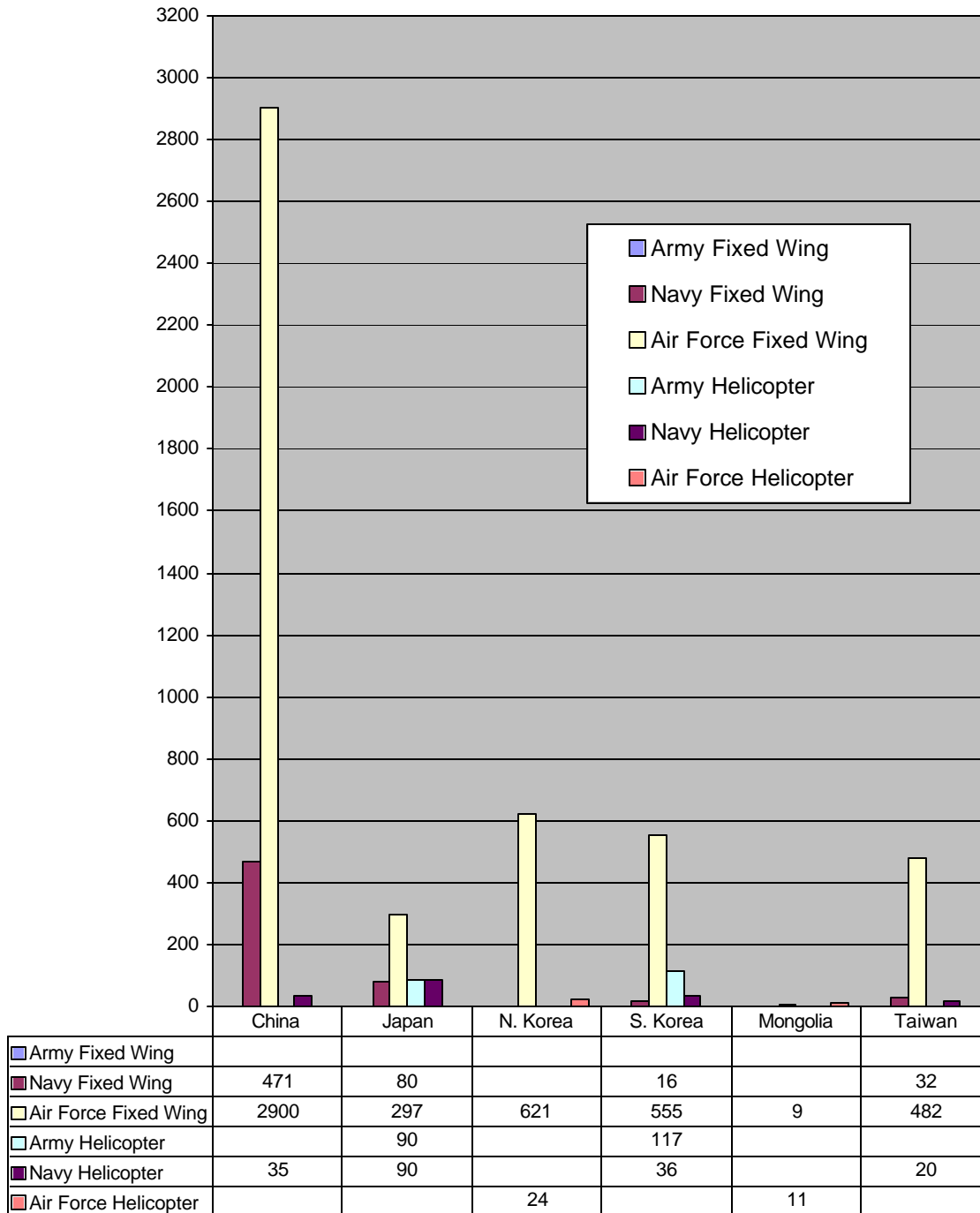


	Assault Guns	MRLs	Towed Arty	SP Arty
China	300	3000	13000	1000
Japan		110	480	290
North Korea		2500	3500	4400
South Korea	58	185	3500	1053
Taiwan		300	1060	405
US PACOM		45*		

* 45 includes MRLs, Towed Arty, and SP Arty

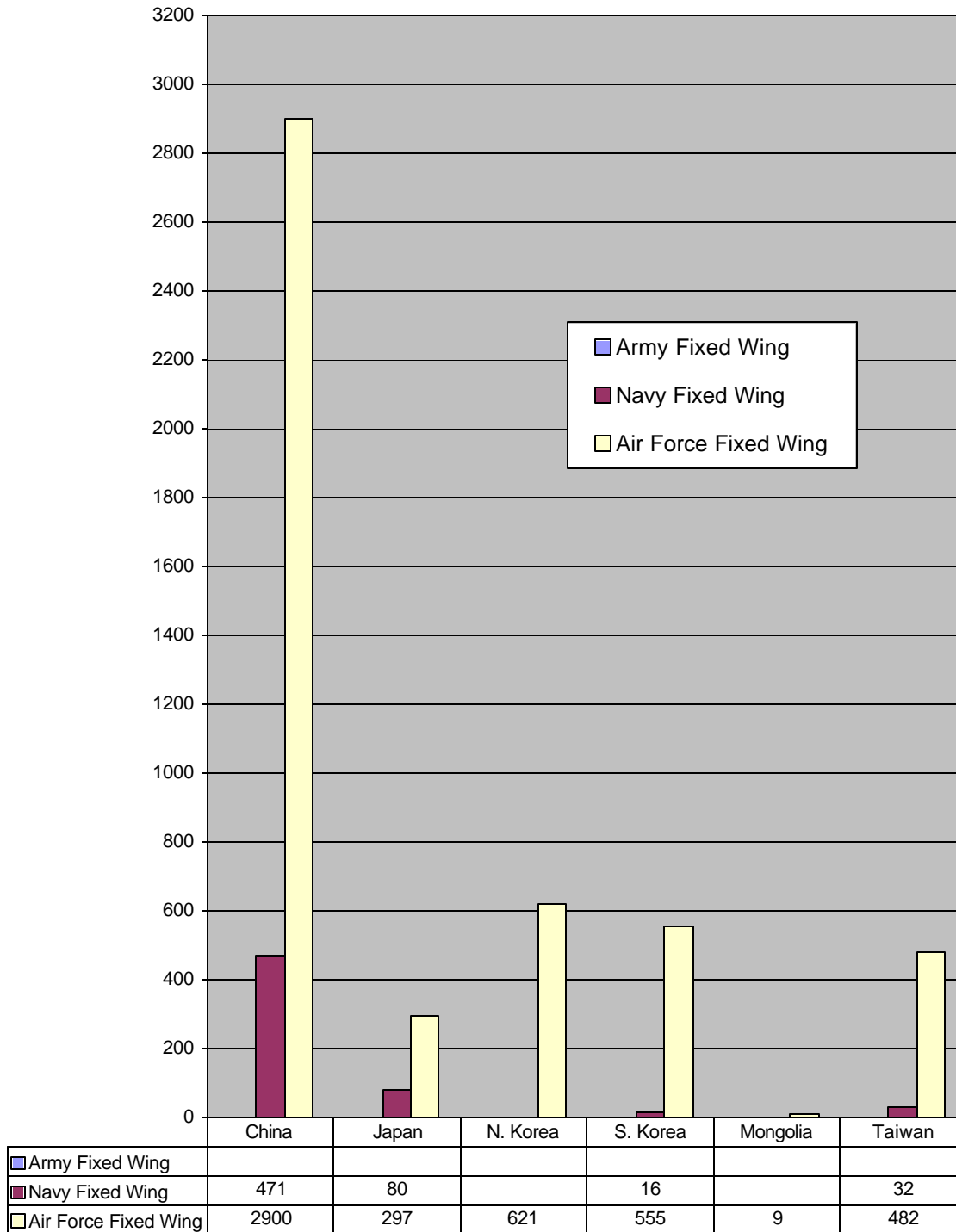
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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



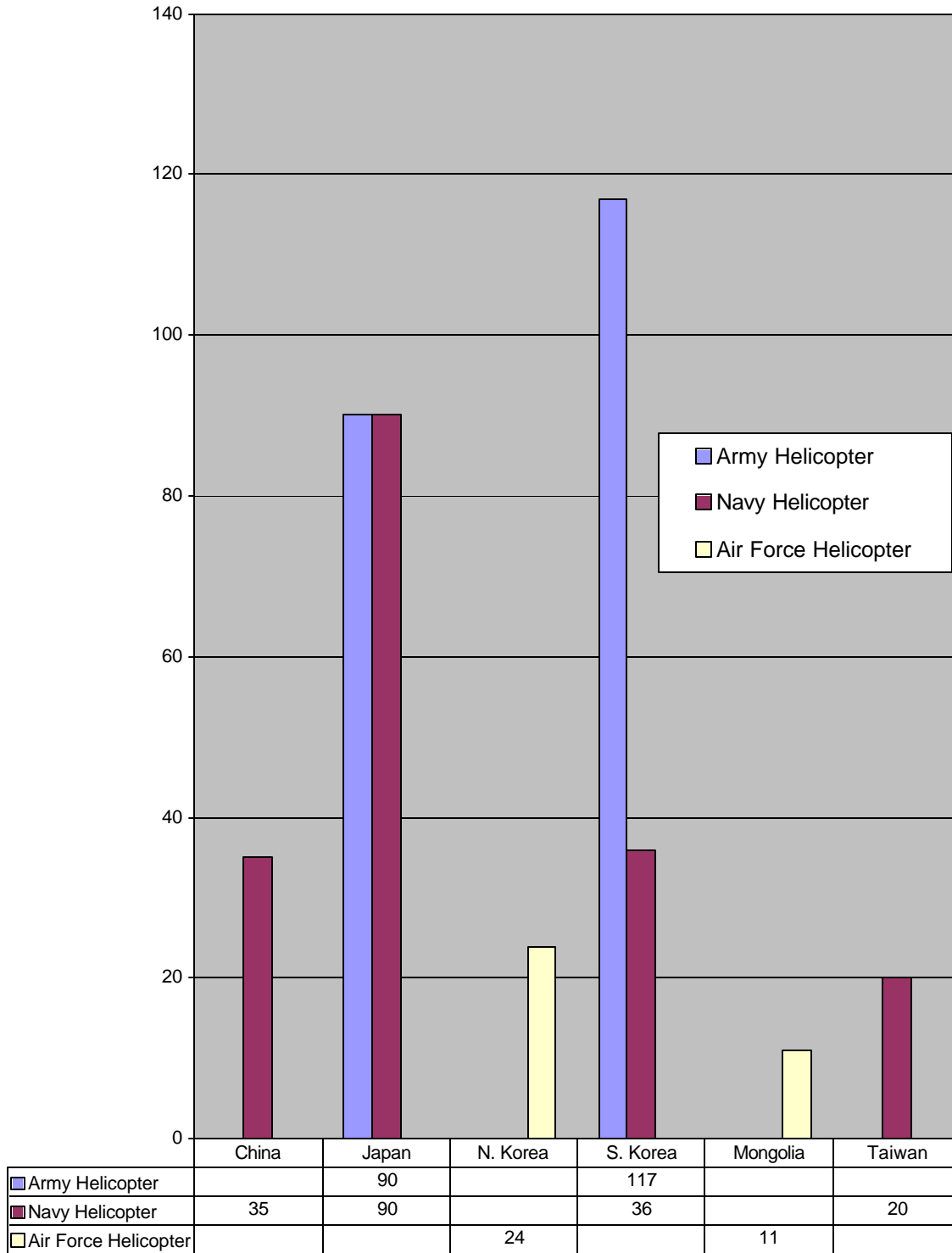
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

Northeast 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.

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



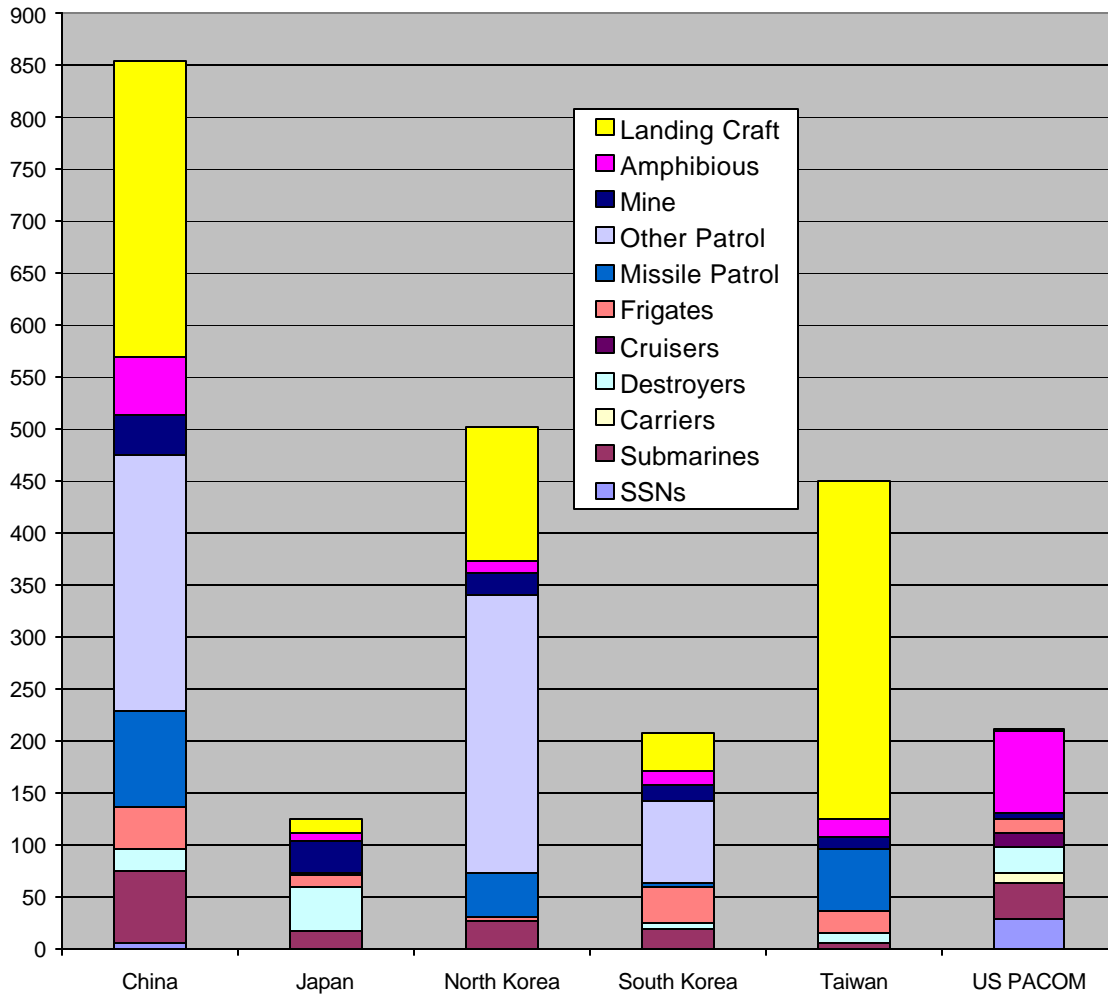
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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

	Army Fixed Wing	Navy Fixed Wing	Air Force Fixed Wing	Army Helicopter	Navy Helicopter	Air Force Helicopter
China		471	2900		35	
Japan		80	297	90	90	
N. Korea			621			24
S. Korea		16	555	117	36	
Mongolia			9			11
Taiwan		32	482		20	

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.

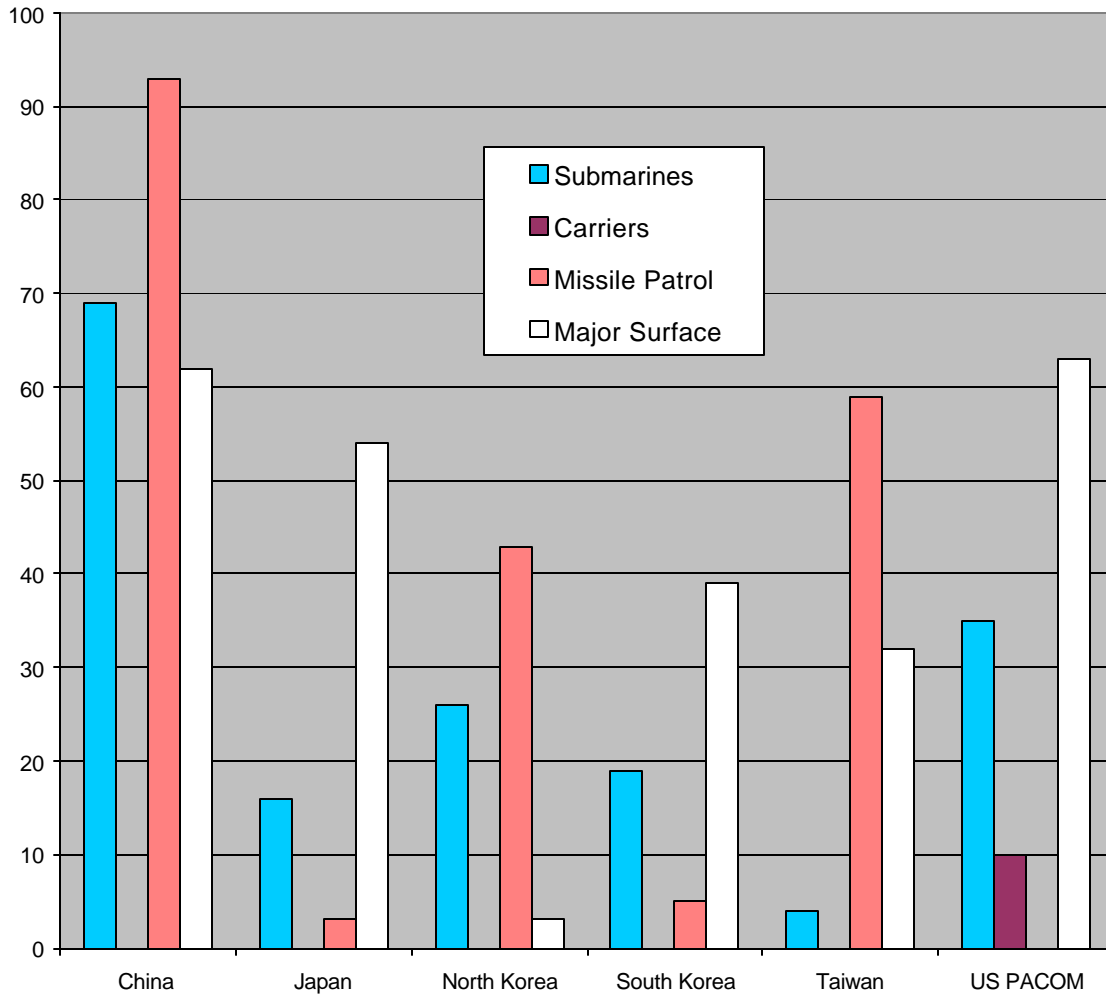
Northeast Asian Naval Combat Ships: 2001-2002
(Number in Active Service)



	China	Japan	North Korea	South Korea	Taiwan	US PACOM
SSNs	5					27
Submarines	69	16	26	19	4	35
Carriers						10
Destroyers	21	42		6	11	25
Cruisers						13
Frigates	41	12	3	33	21	15
Missile Patrol	93	3	43	5	59	
Other Patrol	245		267	79		
Mine	39	30	23	15	12	5
Amphibious	56	8	10	14	18	79
Landing Craft	285	13	130	36	325	1

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.

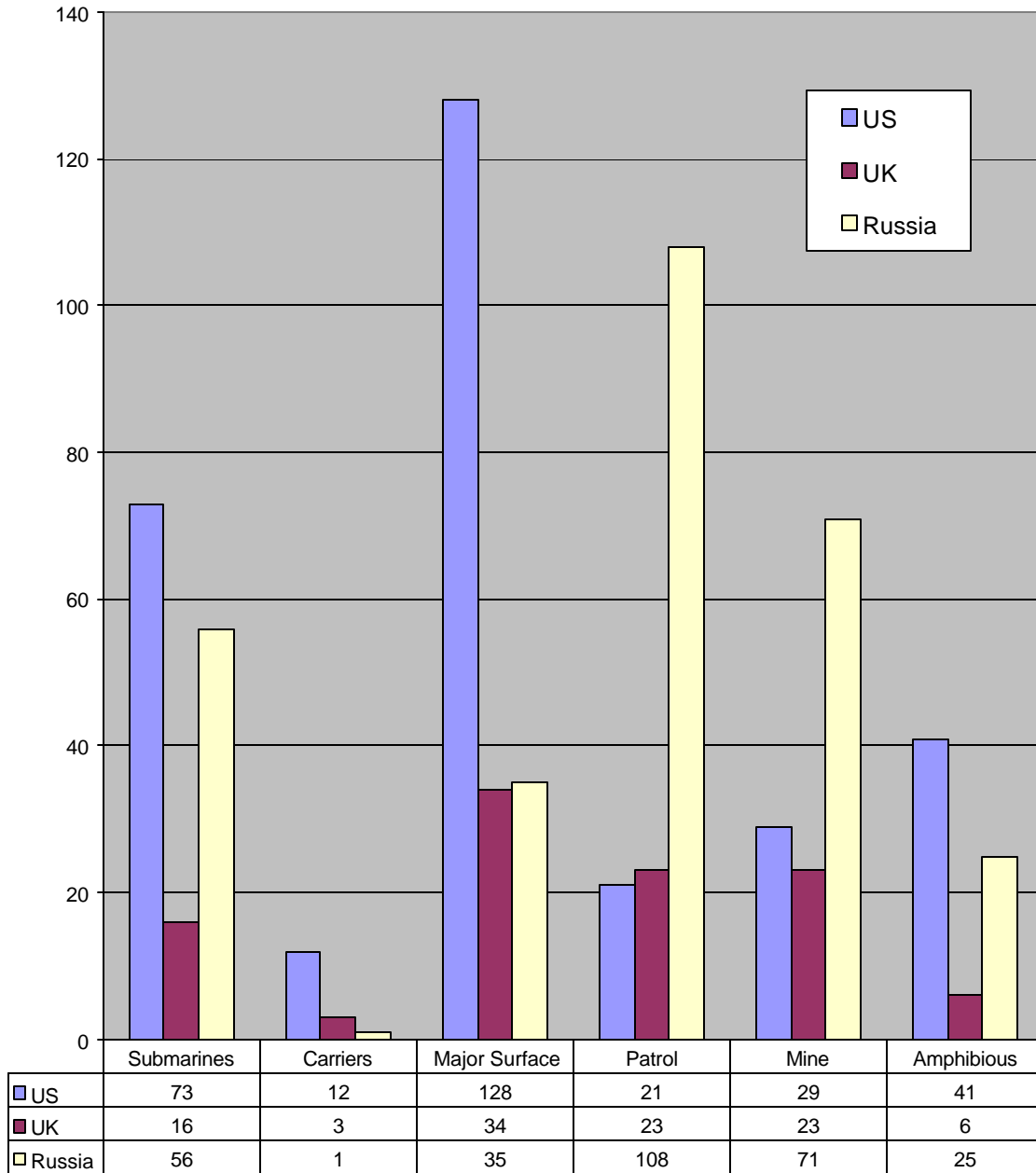
Northeast Asian Major Naval Combat Ships in Key Powers: 2001-2002
(Number in Active Service)



	China	Japan	North Korea	South Korea	Taiwan	US PACOM
Submarines	69	16	26	19	4	35
Carriers						10
Missile Patrol	93	3	43	5	59	
Major Surface	62	54	3	39	32	63

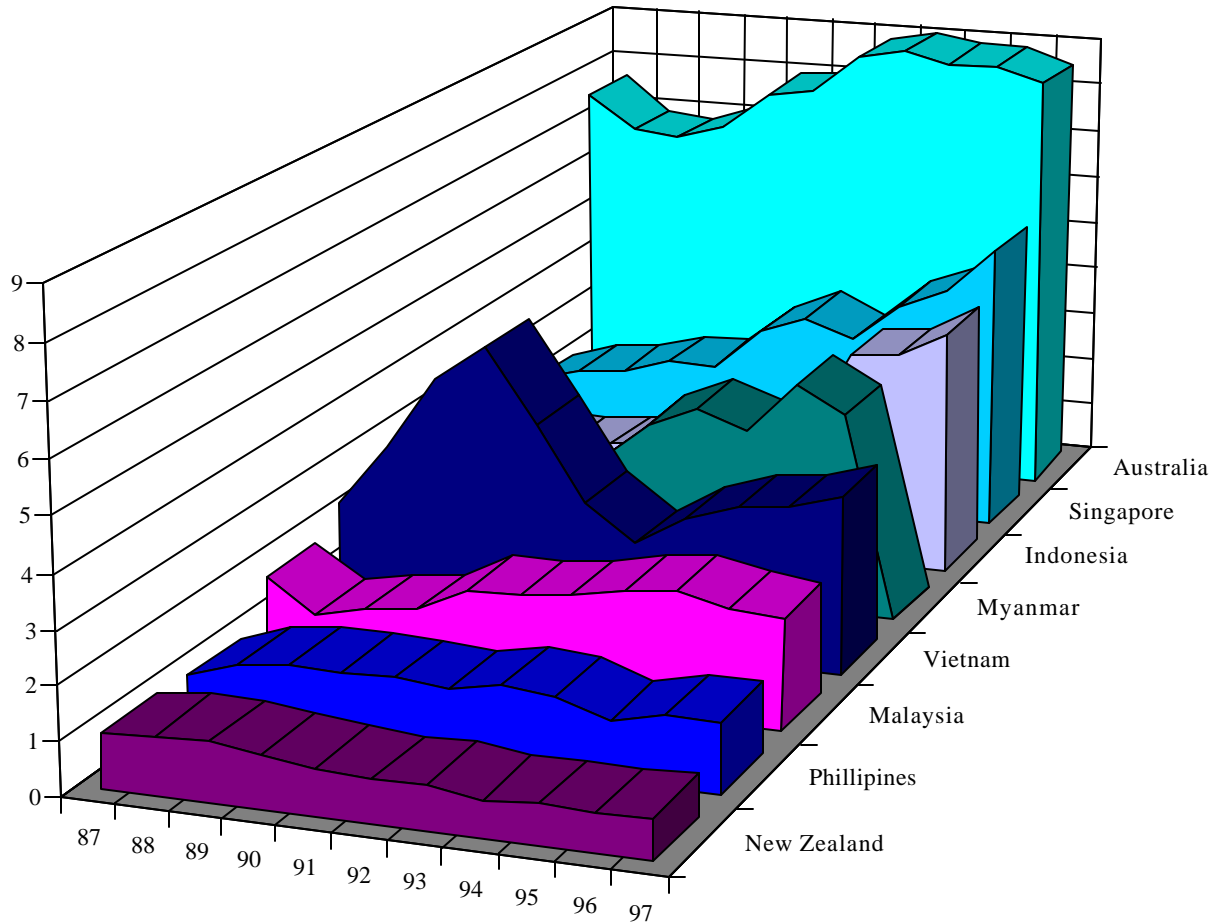
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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.

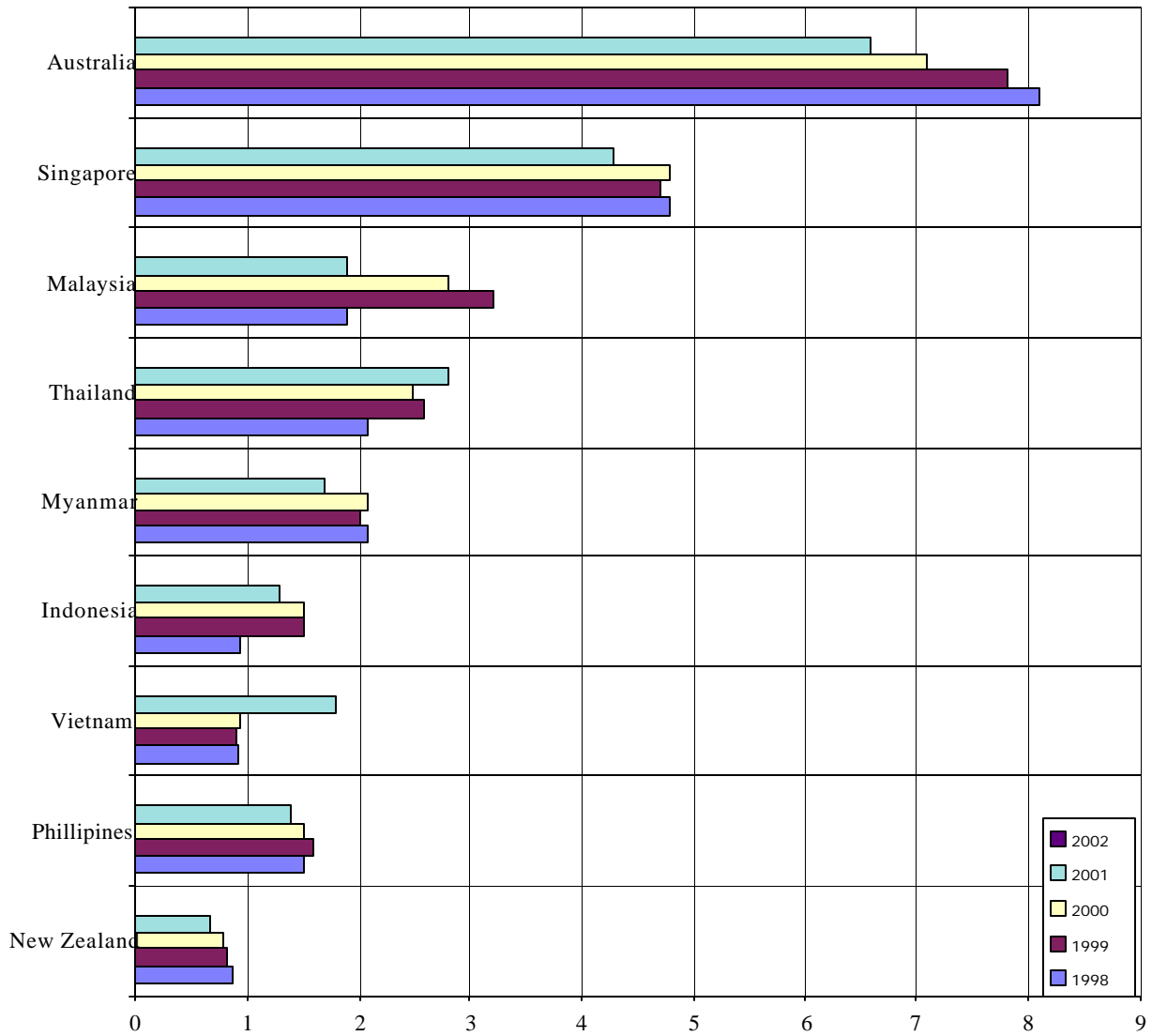
**Southeast Asian Military Expenditures By Selected Nation:
1987-1997**
(in \$US 1997 Billions)



	87	88	89	90	91	92	93	94	95	96	97
■ New Zealand	1	1.1	1.1	1	0.9	0.8	0.84	0.71	0.76	0.73	0.77
■ Philippines	1	1.3	1.4	1.4	1.4	1.3	1.5	1.4	1.1	1.3	1.3
■ Malaysia	1.8	1.2	1.4	1.5	2	2	2.1	2.3	2.4	2.2	2.1
■ Vietnam	2.3	3.5	4.9	5.6	4.2	2.8	2.1	2.7	3	3.1	3.4
■ Myanmar	-	-	-	-	2.6	3.4	3.8	3.5	4.5	4	-
■ Indonesia	1.9	1.8	1.8	1.9	2	2	2.1	2.4	4.2	4.3	4.8
■ Singapore	2.1	2.4	2.5	2.8	2.8	3.6	4	3.6	4.4	4.8	5.7
■ Australia	7.6	6.9	6.8	7.1	7.9	8	8.8	9	8.8	8.8	8.5

Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions..

**Southeast Asian Military Expenditures By Selected Nation:
1998-2002**
(in \$US Current Billions)



	New Zealand	Philippines	Vietnam	Indonesia	Myanmar	Thailand	Malaysia	Singapore	Australia
2002									
2001	0.68	1.4	1.8	1.3	1.7	2.8	1.9	4.3	6.6
2000	0.8	1.5	0.95	1.5	2.1	2.5	2.8	4.8	7.1
1999	0.82	1.6	0.89	1.5	2	2.6	3.2	4.7	7.8
1998	0.88	1.5	0.93	0.95	2.1	2.1	1.9	4.8	8.1

Adapted by Anthony H. Cordesman from various editions of the IISS Military Balance. 2001 and 2002 data are generally budget rather than actual expenditures. Some adjustments made by author.

Southeast Asian Military Forces in 2001-2002: Part 1

	<u>Cambodia</u>	<u>Laos</u>	<u>Vietnam</u>	<u>Thailand</u>	<u>Malaysia</u>	<u>Singapore</u>	<u>Indonesia</u>	<u>Philippines</u>
Manpower (1,000s)								
Total Active	140	29.1	484	306	100.5	60.5	297	107
Regular	140	29.1	484	306	100.5	60.5	297	107
National Guard & Other	-	-	-	-	-	-	-	-
Reserve	-	-	3-4000	200	42.8	312.5	400	131
Paramilitary	67	100	40	104	20.1	94	195	44
Strategic Missile Forces (1,000s)								
ICBM	-	-	-	-	-	-	-	-
IRBM	-	-	-	-	-	-	-	-
SSBN/SBLM	-	-	-	-	-	-	-	-
Army and Guard Manpower (1,000s)								
Regular Army Manpower	90	25.6	412	190	80	50	230	67
Reserve (1,000s)	-	-	-	-	40	300	-	100
Total Main Battle Tanks	150	30	1315	333	-	80-100	-	-
Active AIFV/Lt. Tanks	20	25	920	793	26	372	366	125
Total APCs	190	70	1180	970	816	1030	631	370
Self-Propelled Artillery	-	-	30	20	-	-	-	-
Towed Artillery	400	75	2300	560	182	206	285	242
MRLs	28	-	710	-	-	-	-	-
Mortars	-	-	-	1900	300	62	875	40
SSM Launchers	-	-	<i>Scud B/C</i>	-	-	-	-	-
Light SAM Launchers	-	-	SA-7/-16	-	48	75	93	-
AA Guns	-	-	12000	322	60	30	415	-
Air Force Manpower (1,000s)								
Total Combat Aircraft	24	3.5	30	48	8	6	27	16
Bombers	-	-	-	-	-	-	-	-
Fighter/Attack	-	12	65	48	42	150	84	-
Fighter/Interceptor	19	-	124	36	17	-	12	8
Recce/FGA Recce	10	-	-	3	-	8	12	25
COIN/OCU	-	-	-	-	-	-	-	-
AEW C41/BM/EW	-	-	-	-	-	4	-	-
MR/MPA	-	-	4	-	4	5	3	1
Transport Aircraft	10	14	28	28	32	14	77	35
Tanker Aircraft	-	-	-	-	-	2	2	-
Total Helicopters	16	27	60	42	56	75	42	221
Armed Helicopters	-	-	26	-	-	20	-	97
Major SAM Launchers	-	-	264	-	-	18	-	-
Light SAM Launchers	-	-	500+	-	-	84	-	-
AA Guns	-	-	1000+	-	-	-	-	-

Southeast Asian Military Forces in 2001-2002: Part 2

Cambodia Laos Vietnam Thailand Malaysia Singapore Indonesia Philippines

Total Naval Manpower (1,000s)	3	.6	42	68	12.5	4.5	40	24
Major Surface Combatants								
Carriers	-	-	-	1	-	-	-	-
Destroyer-Guided Missile	-	-	-	-	-	-	-	-
Other Destroyer	-	-	-	-	-	-	-	-
Frigate-Guided Missile	-	-	-	8	2	-	10	-
Other Frigate	-	-	6	4	2	-	7	1
Corvettes	-	-	1	5	6	6	16	-
Patrol Craft								
Missile	-	-	12	6	8	6	4	-
Torpedo and Coastal	2	-	10	13	26	12	8	23
Inshore, Riverine	2	16	19	64	1	-	8	34
Submarines								
SLBN	-	-	-	-	-	-	-	-
SSN	-	-	-	-	-	-	-	-
SSG	-	-	-	-	-	-	-	-
SS/SSK	-	-	2	-	-	1	2	-
Mine Vessels	-	-	10	7	4	4	12	-
Amphibious Ships	-	-	6	9	1	5	26	7
Landing Craft	-	-	30	51	115	36	65	39
Support Ships	-	-	30	16	4	3	15	11
Marines (1,000s)	1.5	.6	27	18	-	-	12	7.5
Naval Air	-	-	-	1700	160	-	1000	-
Naval Aircraft								
Bomber	-	-	-	68	-	-	92	7
FGA	-	-	-	-	-	-	-	-
Fighter	-	-	-	9	-	-	-	-
MR/MPA	-	-	-	57*	-	-	48	7
Armed Helicopters	-	-	-	5	9	-	18	-
ASW Helicopters	-	-	-	5	-	-	6	-
SAR Helicopters	-	-	-	24	-	-	-	7
Mine Warfare Helicopters	-	-	-	-	-	-	22	-
Other Helicopters	-	-	-	-	-	-	-	-

* Includes MR/ATTACK and MR/ASW aircraft

Southeast Asian Military Forces in 2001-2002: Part 3

	<u>Australia</u>	<u>New Zealand</u>
Manpower (1,000s)		
Total Active	50.7	9.23
Regular	50.7	9.23
National Guard & Other	-	-
Reserve	21.34	5.49
Paramilitary		
Strategic Missile Forces (1,000s)		
ICBM	-	-
IRBM	-	-
SSBN/SBLM	-	-
Army and Guard Manpower (1,000s)		
Regular Army Manpower	24.15	4.45
Reserve (1,000s)	17.9	4.2
Total Main Battle Tanks	71	-
Active AIFV/Lt. Tanks	111	8
Total APCs	463	56
Self-Propelled Artillery	-	-
Towed Artillery	385	24
MRLs	-	-
Mortars	296	50
SSM Launchers	-	-
Light SAM Launchers	36	12
AA Guns	-	-
Air Force Manpower (1,000s)		
Total Combat Aircraft	141	40
Bombers	-	-
Fighter/Attack	-	17
Fighter/Interceptor	71	-
Recce/FGA Recce	37	-
COIN/OCU	-	-
AEW C41/BM/EW	-	-
MR/MPA	-	6
Transport Aircraft	61**	7
Tanker Aircraft	-	-
Total Helicopters	-	19
Armed Helicopters	-	-
Major SAM Launchers	-	-
Light SAM Launchers	-	-
AA Guns	-	-

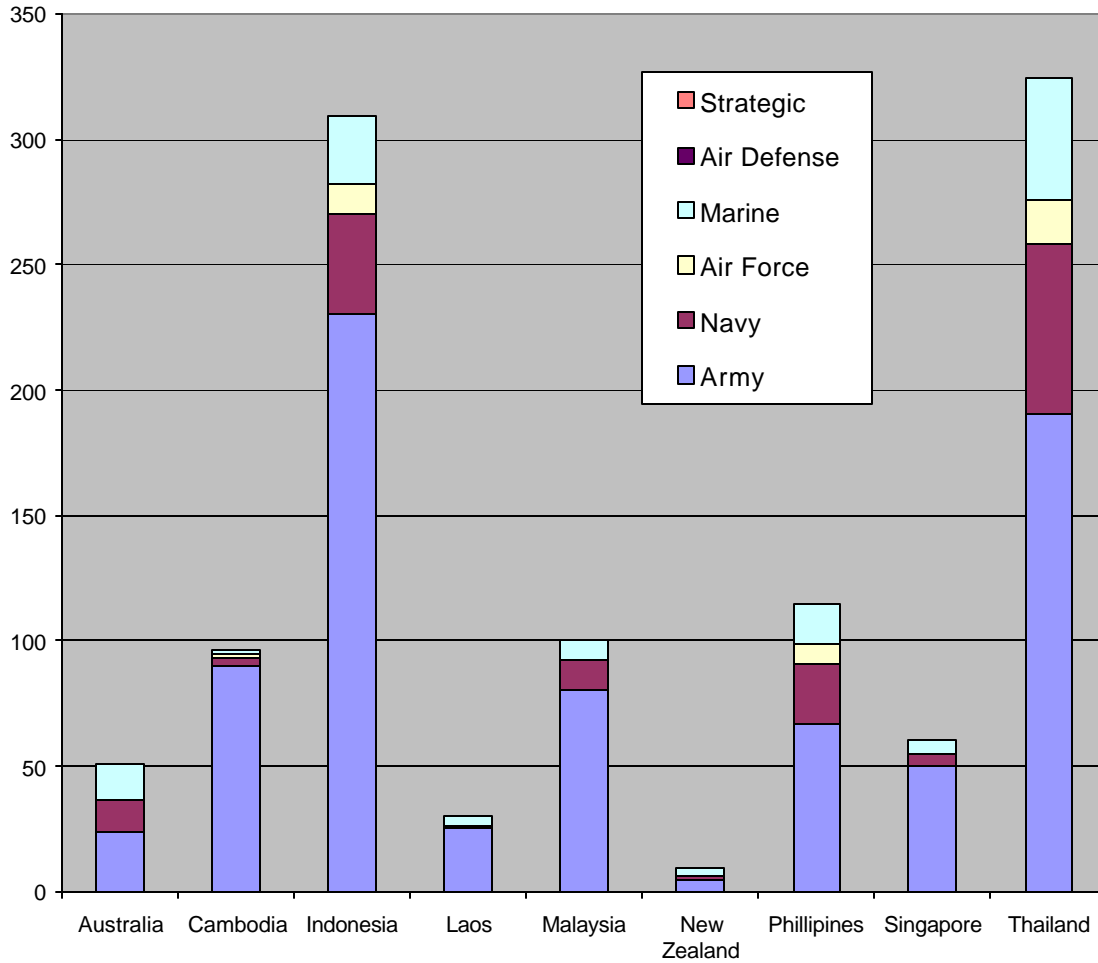
** Includes both TPT and TKR

Southeast Asian Military Forces in 2001-2002: Part 4

	<u>Australia</u>	<u>New Zealand</u>
Total Naval Manpower (1,000s)	12.5	1.98
Major Surface Combatants		
Carriers	-	-
Destroyer-Guided Missile	1	-
Other Destroyer	-	-
Frigate-Guided Missile	6	-
Other Frigate	3	3
Corvettes	-	-
Patrol Craft		
Missile	-	-
Torpedo and Coastal	15	-
Inshore, Riverine	-	4
Submarines		
SLBN	-	-
SSN	-	-
SSG	-	-
SS/SSK	5	-
Mine Vessels	5	-
Amphibious Ships	4	-
Landing Craft	9	-
Support Ships	13	7
Marines (1,000s)	-	-
Naval Air	990	-
Naval Aircraft		
Bomber	-	-
FGA	-	-
Fighter	-	-
MR/MPA	-	-
Armed Helicopters	16	3
ASW Helicopters	16	-
SAR Helicopters	7	-
Mine Warfare Helicopters	-	-
Other Helicopters	9	-

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.

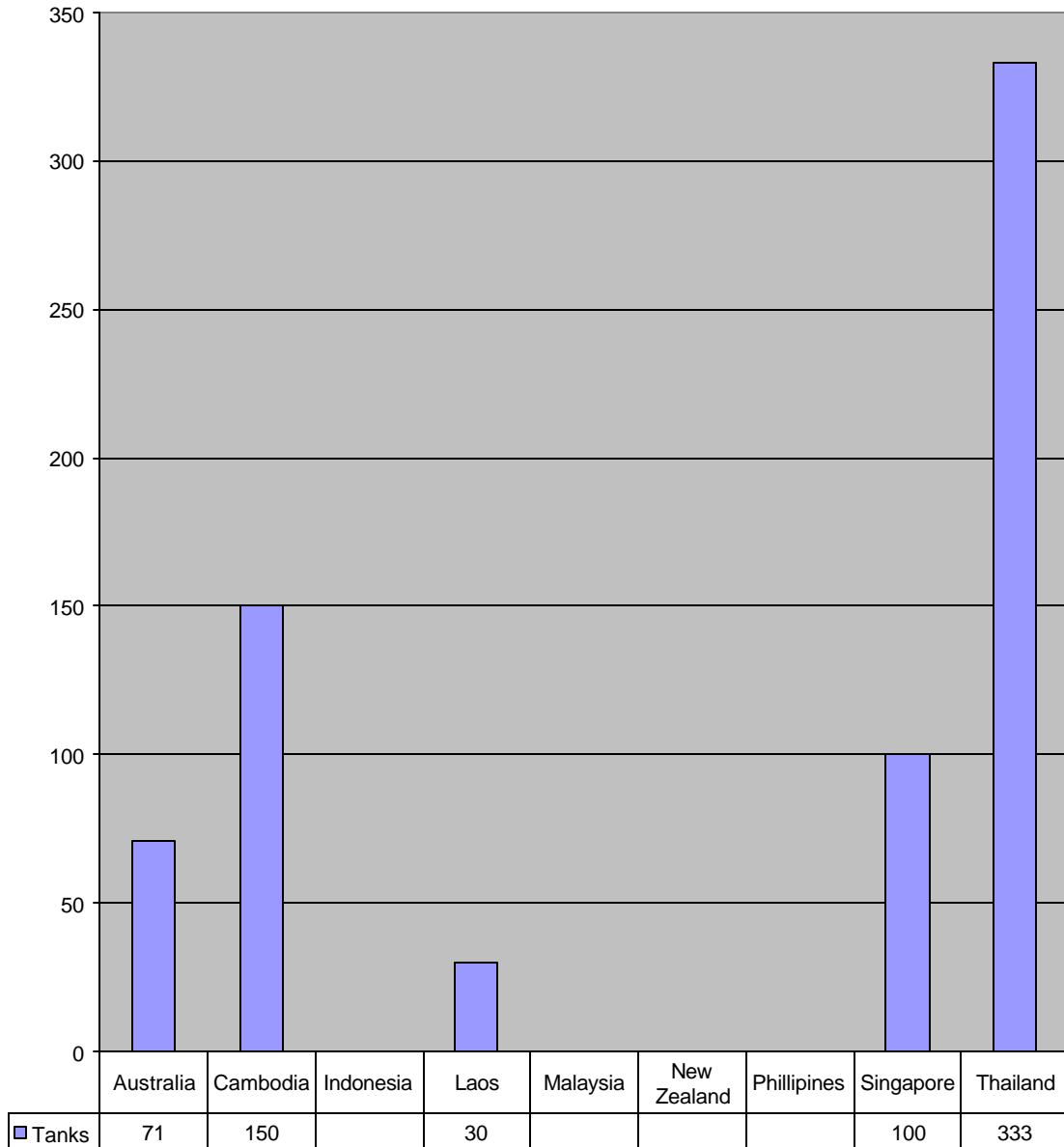
Southeast Asian Military Manpower in Key Powers: 2001-2002
(In 1000s)



	Army	Navy	Marine	Air Force	Air Defense	Strategic
Australia	24.15	12.5		14.05		
Cambodia	90	3	1.5	2		
Indonesia	230	40	12	27		
Laos	25.6		0.6	3.5		
Malaysia	80	12.5		8		
New Zealand	4.45	1.98		2.8		
Philippines	67	24	7.5	16		
Singapore	50	4.5		6		
Thailand	190	68	18	48		

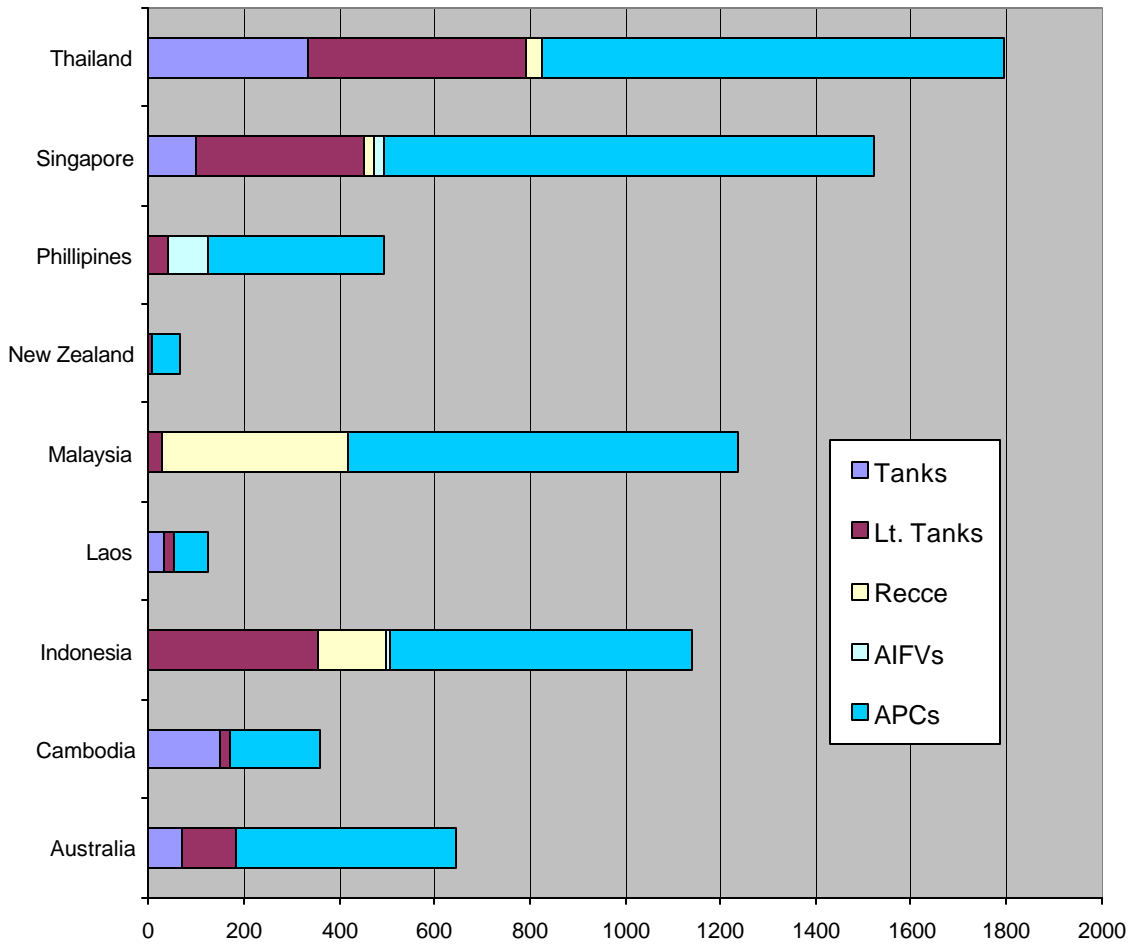
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

Southeast 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.

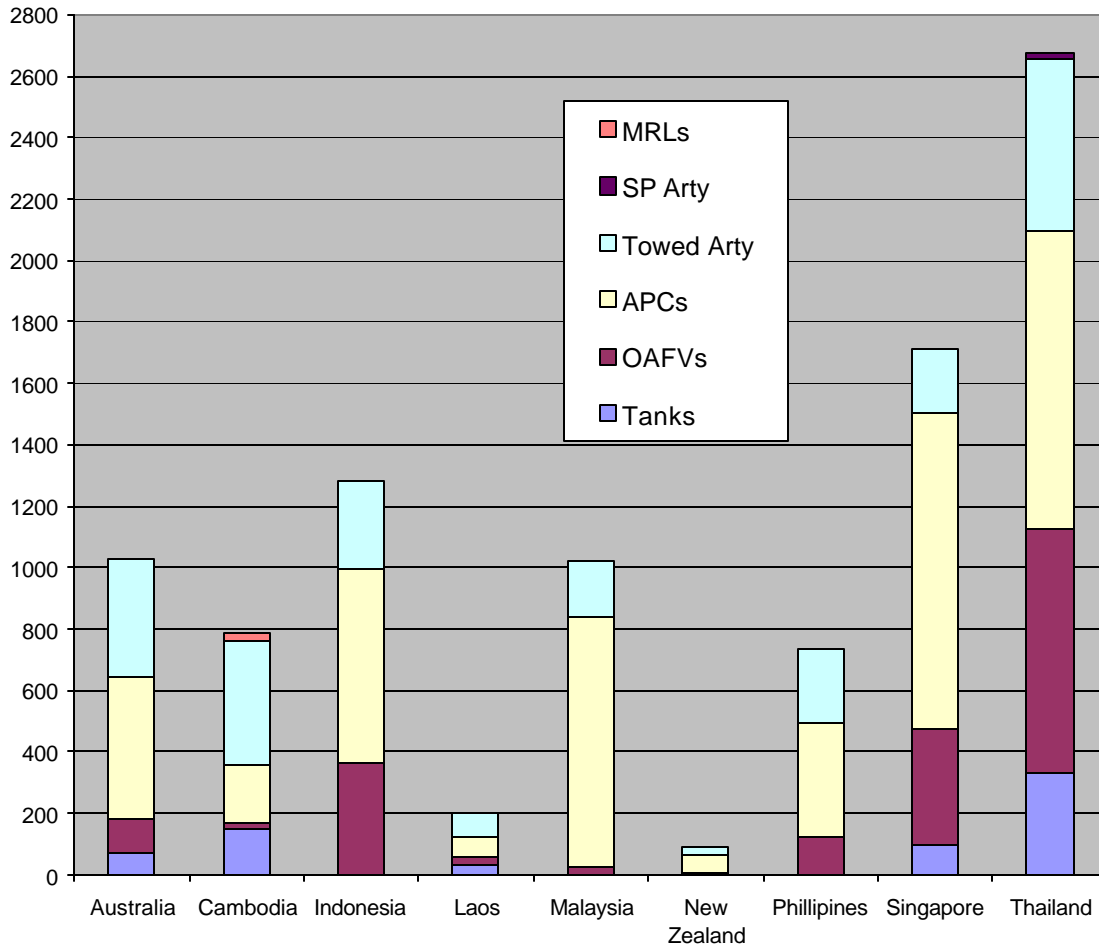
Southeast Asian Armored Fighting Vehicles: 2001-2002
 (Number of Tanks, OAFVs, APCs, Recce in Active Service)



	Tanks	Lt. Tanks	Recce	AIFVs	APCs
Australia	71	111			463
Cambodia	150	20			190
Indonesia		355	142	11	631
Laos	30	25			70
Malaysia		26	394		816
New Zealand		8			56
Philippines		40		85	370
Singapore	100	350	22	22	1030
Thailand	333	460	32		970

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.

Southeast Asian Artillery Weapons in Key Powers: 2001-2002
(Number in Active Service)



	Tanks	OAFVs	APCs	Towed Arty	SP Arty	MRLs
Australia	71	111	463	385		
Cambodia	150	20	190	400		28
Indonesia		366	631	285		
Laos	30	25	70	75		
Malaysia		26	816	182		
New Zealand		8	56	24		
Philippines		125	370	242		
Singapore	100	372	1030	206		
Thailand	333	793	970	560	20	

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.

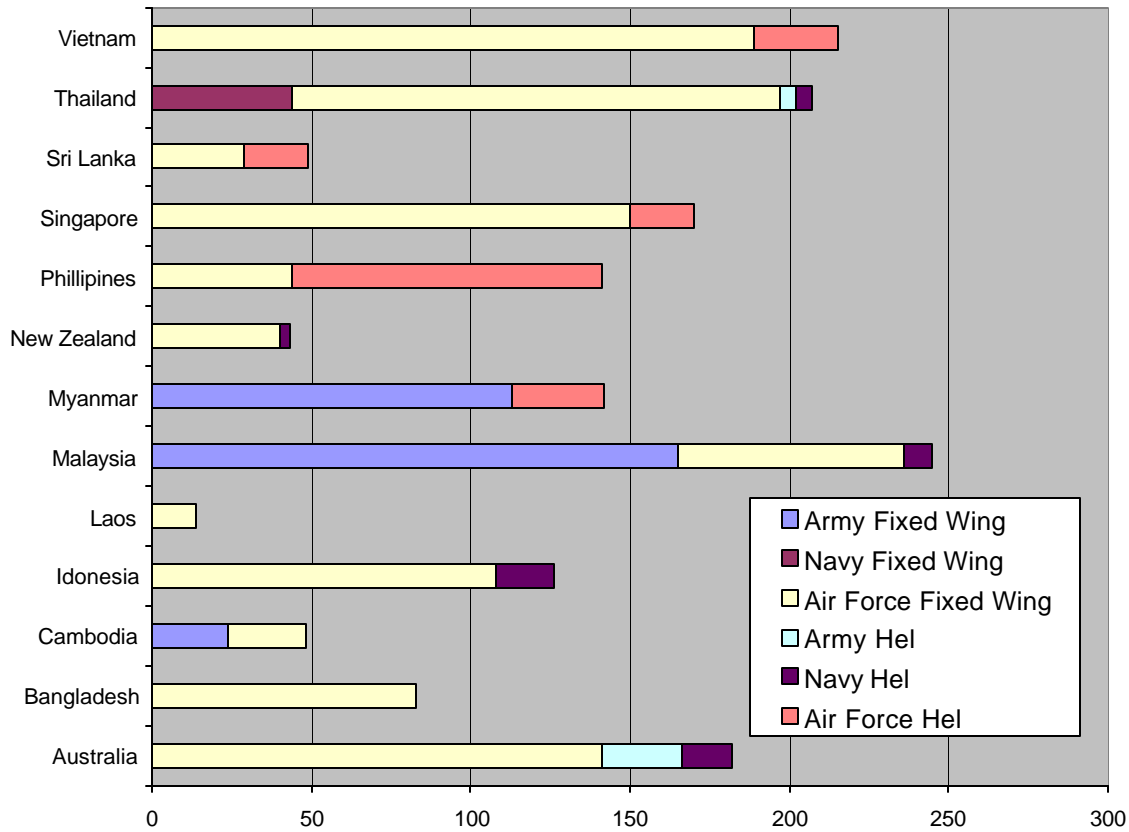
Southeast Asian Artillery Strength: 2001-2002 (Number in Active Service)



	Australia	Cambodia	Indonesia	Laos	Malaysia	New Zealand	Philippines	Singapore	Thailand
Assault Guns									
Multiple Rocket Launcher		28							
Towed	385	400	285	75	182	24	242	206	560
Self Propelled									20

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.

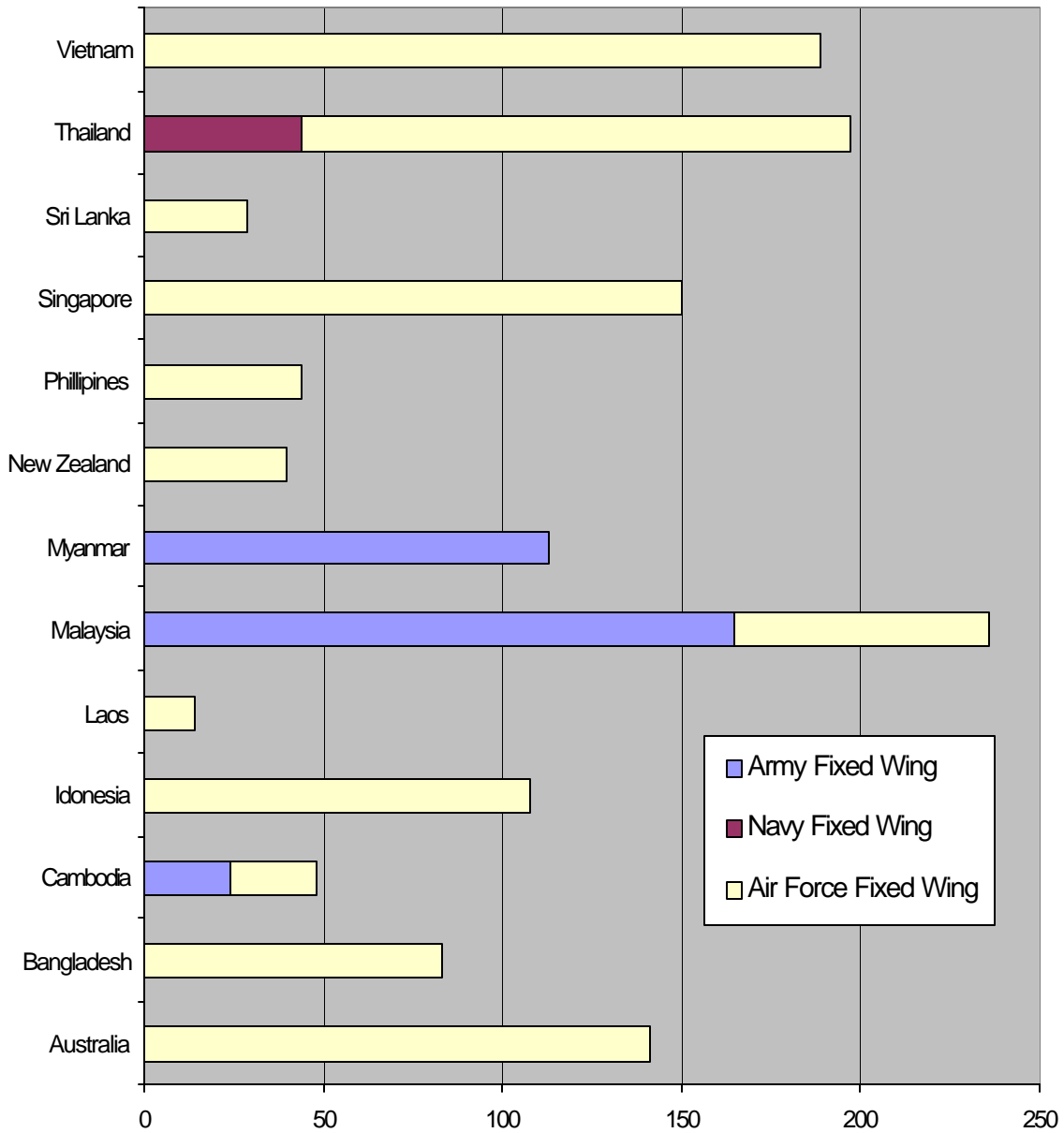
Southeast Asian Fixed And Rotary Wing Combat Aircraft: 2001-2002
(Number in Active Service)



	Army Fixed Wing	Navy Fixed Wing	Air Force Fixed Wing	Army Hel	Navy Hel	Air Force Hel
Australia			141	25	16	
Bangladesh			83			
Cambodia	24		24			
Indonesia			108		18	
Laos			14			
Malaysia	165		71		9	
Myanmar	113					29
New Zealand			40		3	
Philippines			44			97
Singapore			150			20
Sri Lanka			29			20
Thailand		44	153	5	5	
Vietnam			189			26

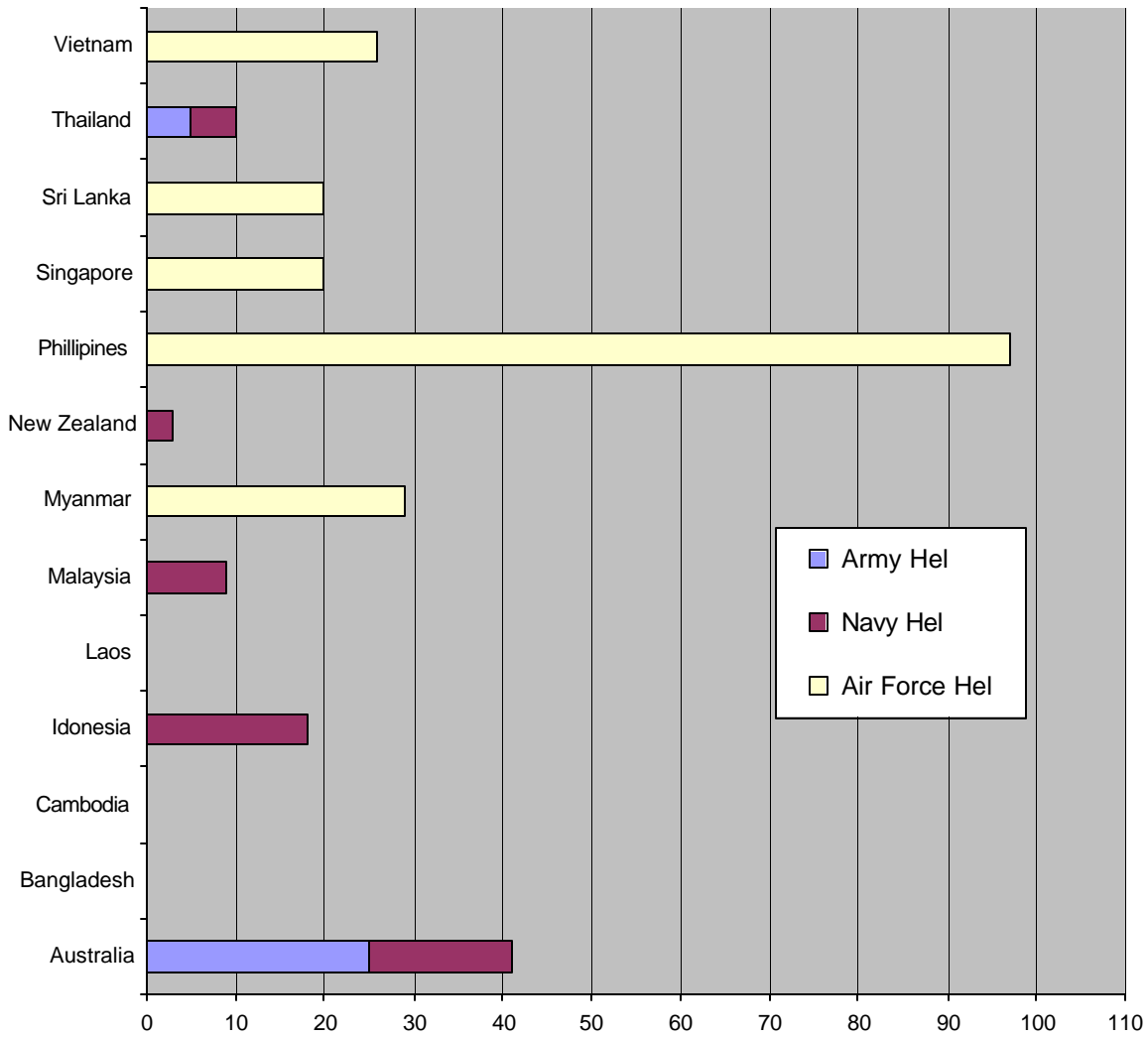
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

Southeast 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.

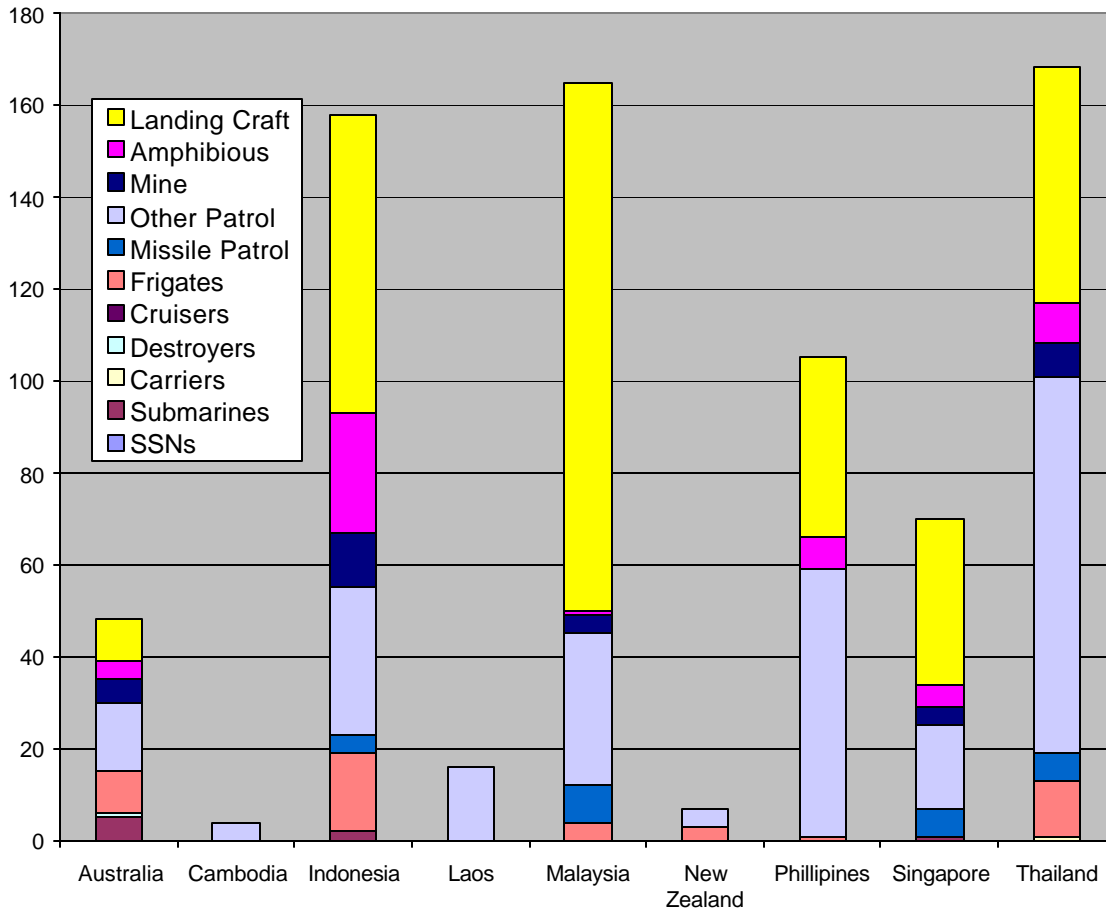
Southeast Asian Rotary Wing Combat Aircraft: 2001-2002 (Number in Active Service)



	Australia	Bangladesh	Cambodia	Indonesia	Laos	Malaysia	Myanmar	New Zealand	Philippines	Singapore	Sri Lanka	Thailand	Vietnam
Air Force Hel				18		9	29	3	97	20	20	5	26
Navy Hel	16											5	
Army Hel	25											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.

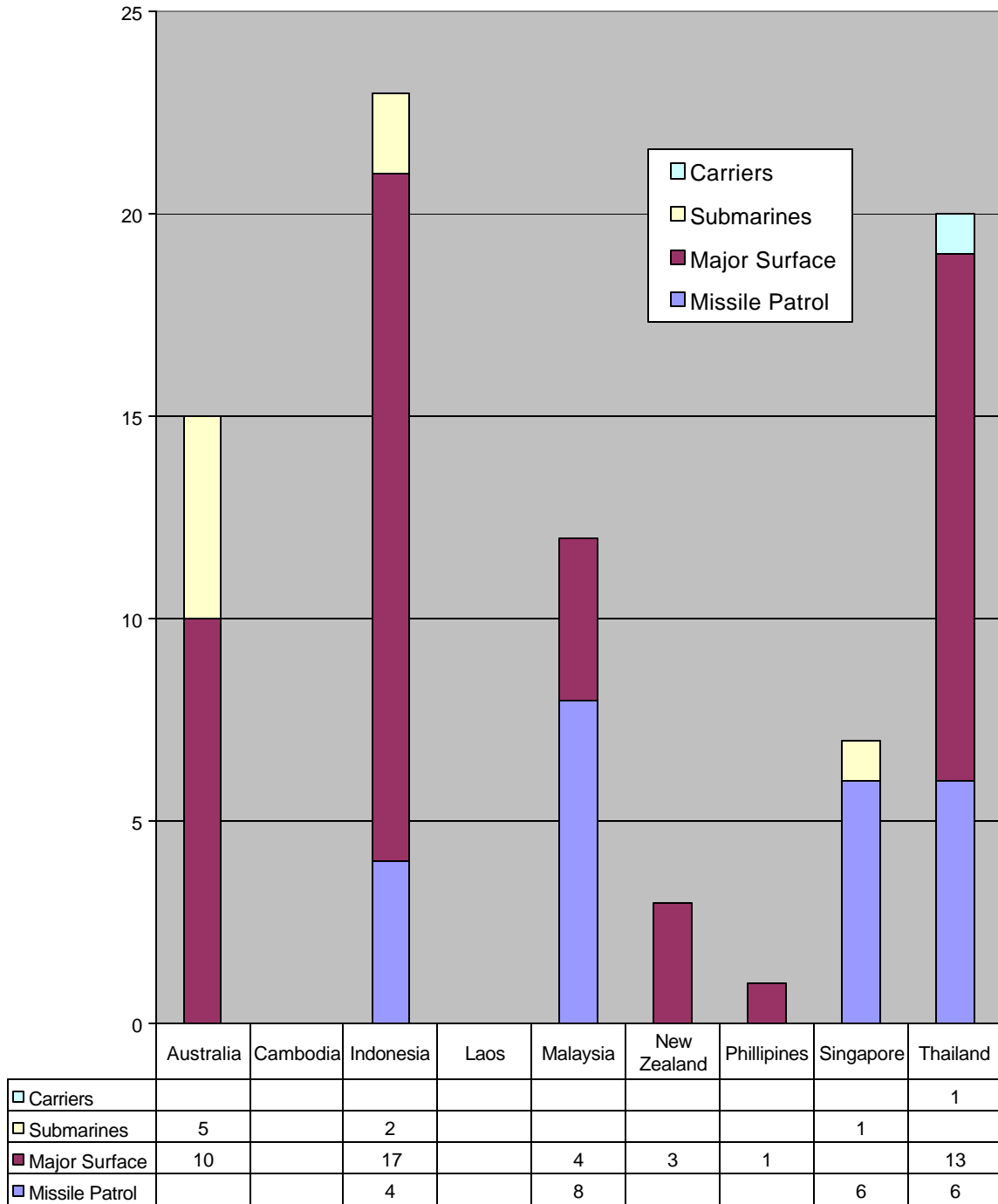
Southeast Asian Naval Combat Ships: 2001-2002 (Number in Active Service)



	Australia	Cambodia	Indonesia	Laos	Malaysia	New Zealand	Philippines	Singapore	Thailand
SSNs									
Submarines	5		2					1	
Carriers									1
Destroyers	1								
Cruisers									
Frigates	9		17		4	3	1		12
Missile Patrol			4		8			6	6
Other Patrol	15	4	32	16	33	4	58	18	82
Mine	5		12		4			4	7
Amphibious	4		26		1		7	5	9
Landing Craft	9		65		115		39	36	51

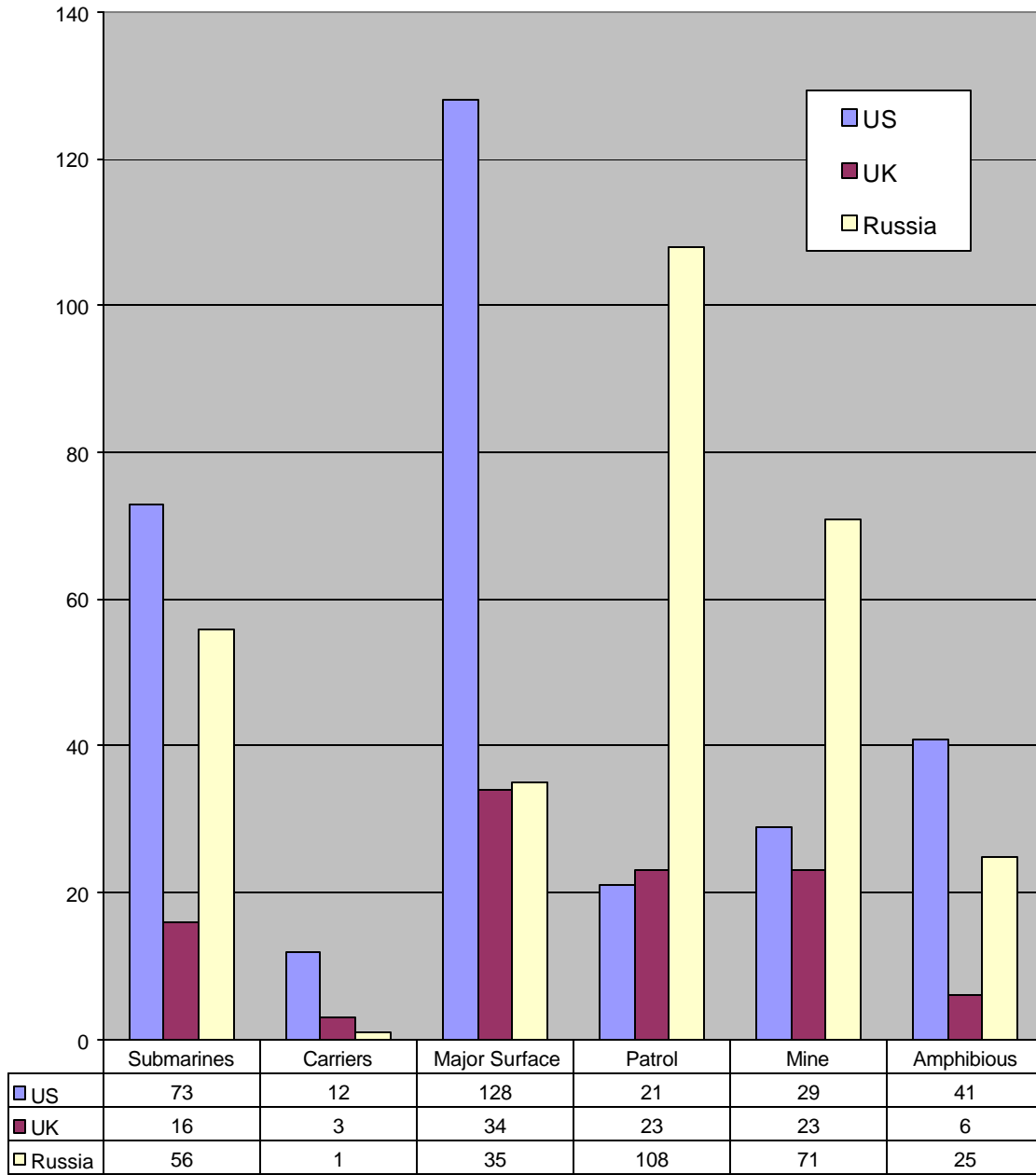
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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



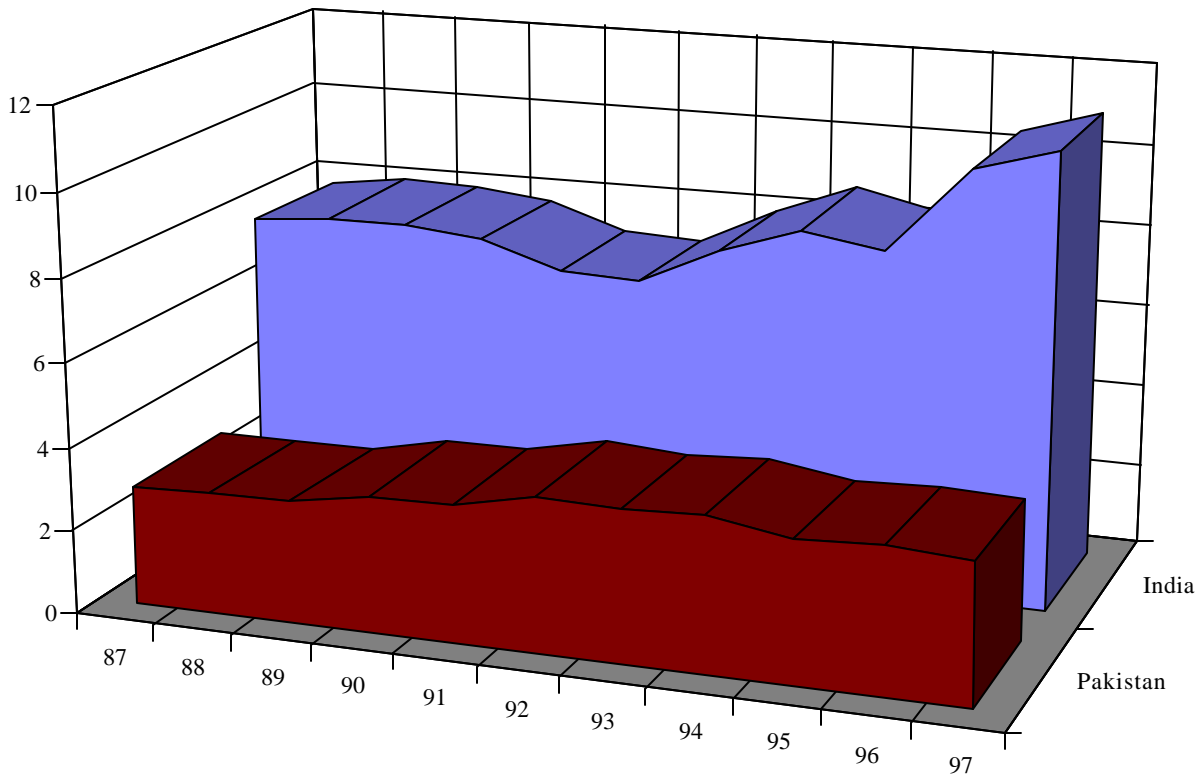
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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.

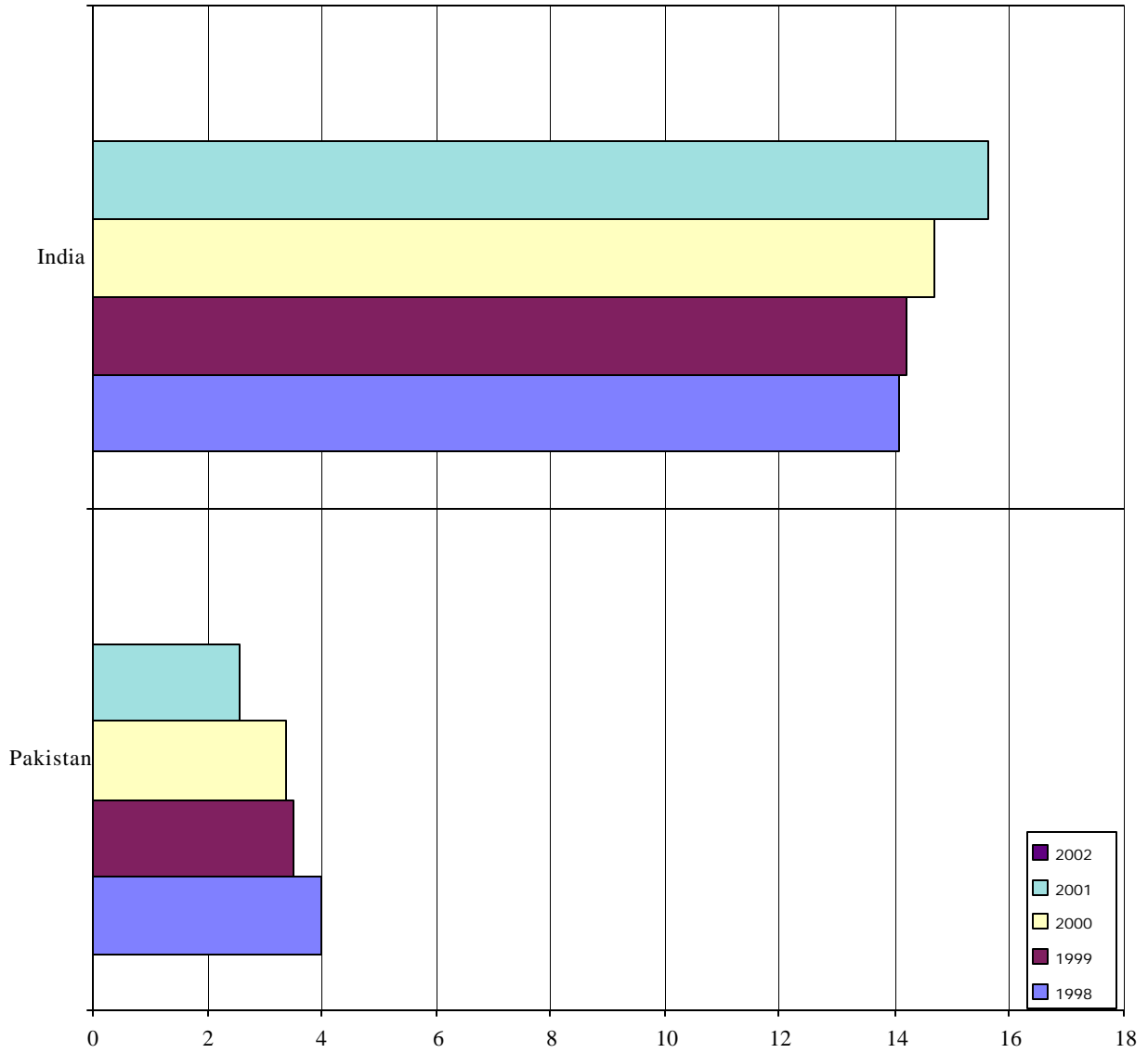
South Asian Military Expenditures By Selected Nation: 1987-1997
(in \$US 1997 Billions)



	87	88	89	90	91	92	93	94	95	96	97
■ Pakistan	2.9	2.9	2.9	3.3	3.3	3.7	3.6	3.7	3.4	3.5	3.4
■ India	7.7	7.9	7.9	7.7	7.1	7	7.9	8.6	8.2	10.3	10.9

Adapted by Anthony H. Cordesman from US State Department, Bureau of Arms Control, World Military Expenditures and Arms Transfers, various editions..

South Asian Military Expenditures By Selected Nation: 1998-2002
(in Current \$US Billions)



	Pakistan	India
2002		
2001	2.6	15.6
2000	3.4	14.7
1999	3.5	14.2
1998	4	14.1

Adapted by Anthony H. Cordesman from IISS, Military Balance, various editions. 2001 and 2002 data are generally budget data rather than actual expenditures. Some adjustments made by author.

South Asian Military Forces in 2001-2002: Part 1

	<u>India</u>	<u>Pakistan</u>	<u>Bangladesh</u>	<u>Afghanistan</u>	<u>Myanmar</u>	<u>Sri Lanka</u>
Manpower (1,000s)						
Total Active	1263	620	137	-	444	118-123
Regular	1263	620	137	-	444	118-123
National Guard & Other	-	-	-	-	-	-
Reserve	535	513	-	-	-	4.2
Paramilitary	1089.7	288	63.2	-	100.25	88.6
Strategic Missile Forces (1,000s)						
ICBM	-	-	-	-	-	-
IRBM	-	-	-	-	-	-
SSBN/SBLM	-	-	-	-	-	-
Army and Guard						
Manpower (1,000s)	1100	550	120	-	325	90-95
Regular Army Manpower	1100	550	120	-	325	90-95
Reserve (1,000s)	300	500	-	-	-	1.1
Total Main Battle Tanks	3414	2300	200	1000	100	65
Active AIFV/Lt. Tanks	1440	-	40	-	105	52
Total APCs	317	1150	130	1000	270	152
Self-Propelled Artillery	180	240	-	-	-	-
Towed Artillery	4175	1467	140	-	278	81
MRLs	100	45	-	125	30	16
Mortars	1000	1200	50	-	80	424
SSM Launchers	3-5	122	-	20-30	-	-
Light SAM Launchers	1570	1400	-	SA-7/-13	-	-
AA Guns	2424	2000	16	-	46	27
Air Force Manpower (1,000s)						
Total Combat Aircraft	738	353	83	-	113	29
Bombers						
Fighter/Attack	547	113	83**	25	22	28
Fighter/Interceptor	155	162	-	-	60	-
Recce/FGA Recce	15	11	-	-	-	-
COIN/OCU	-	-	-	-	-	-
AEW C4I/BM/EW	-	-	-	-	-	-
MR/MPA	4	-	-	-	-	-
Transport Aircraft	203	21	3	-	14	26
Tanker Aircraft	6	-	-	-	-	-
Total Helicopters	127	25	27	8-9	66	35
Armed Helicopters	22	-	-	2	29	20
Major SAM Launchers	-	-	-	-	-	-
Light SAM Launchers	280*	-	-	-	-	-
AA Guns	-	-	-	-	-	-

* Total SAM Launchers

** 83 includes FGA and FTR

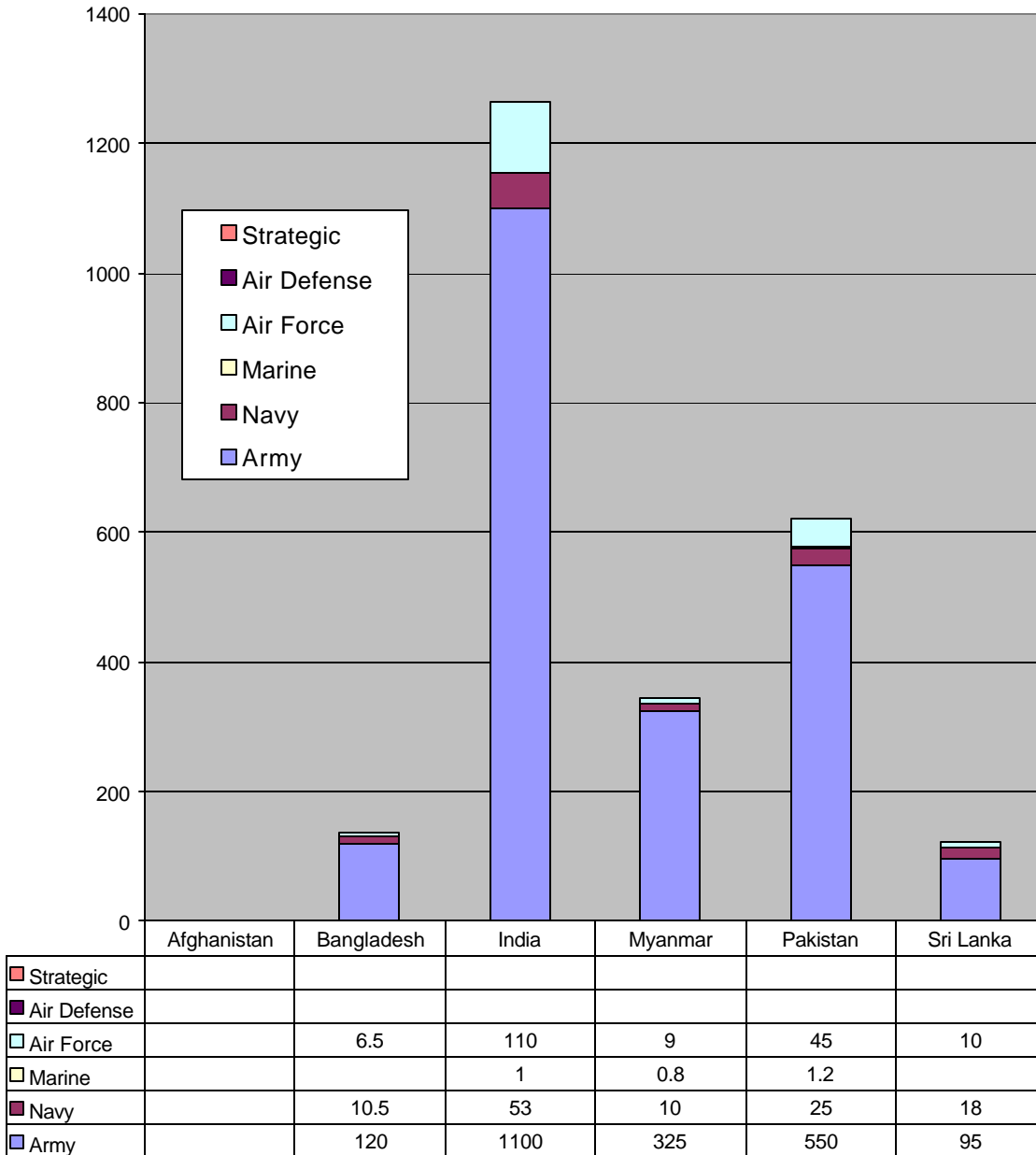
South Asian Military Forces in 2001-2002: Part 2

	<u>India</u>	<u>Pakistan</u>	<u>Bangladesh</u>	<u>Afghanistan</u>	<u>Myanmar</u>	<u>Sri Lanka</u>	
Total Naval							
Manpower (1,000s)	53	25	10.5	-	10	18	
Major Surface Combatants							
Carriers	1	-	-	-	-	-	-
Destroyer-Guided Missile	8	-	-	-	-	-	-
Other Destroyer	-	-	-	-	-	-	-
Frigate-Guided Missile	4	6	1	-	-	-	-
Other Frigate	7	2	3	-	-	-	-
Corvettes	24	-	-	-	2	-	-
Patrol Craft							
Missile	6	5	10	-	6	-	-
Torpedo and Coastal	5	3	14	-	13	8	-
Inshore, Riverine	11	1	9	-	47	32	-
Submarines							
SLBN	-	-	-	-	-	-	-
SSN	-	-	-	-	-	-	-
SSG	-	-	-	-	-	-	-
SS/SSK	16	10	-	-	-	-	-
Mine Vessels	18	3	4	-	-	-	-
Amphibious Ships	7	-	-	-	-	1	-
Landing Craft	10	-	14	-	11	7	-
Support Ships	32	9	8	-	9	-	-
Marines (1,000s)	1	1.2	-	-	.8	-	-
Naval Air	5000	-	-	-	-	-	-
Naval Aircraft							
Bomber	-	-	-	-	-	-	-
FGA	26	-	-	-	-	-	-
Fighter	1	-	-	-	-	-	-
MR/MPA	50	5	-	-	-	-	-
Armed Helicopters	72	9	-	-	-	-	-
ASW Helicopters	70	-	-	-	-	-	-
SAR Helicopters	6	9***	-	-	-	-	-
Mine Warfare Helicopters	-	-	-	-	-	-	-
Other Helicopters	6	4	-	-	-	-	-

*** Includes both ASW and SAR Helicopters

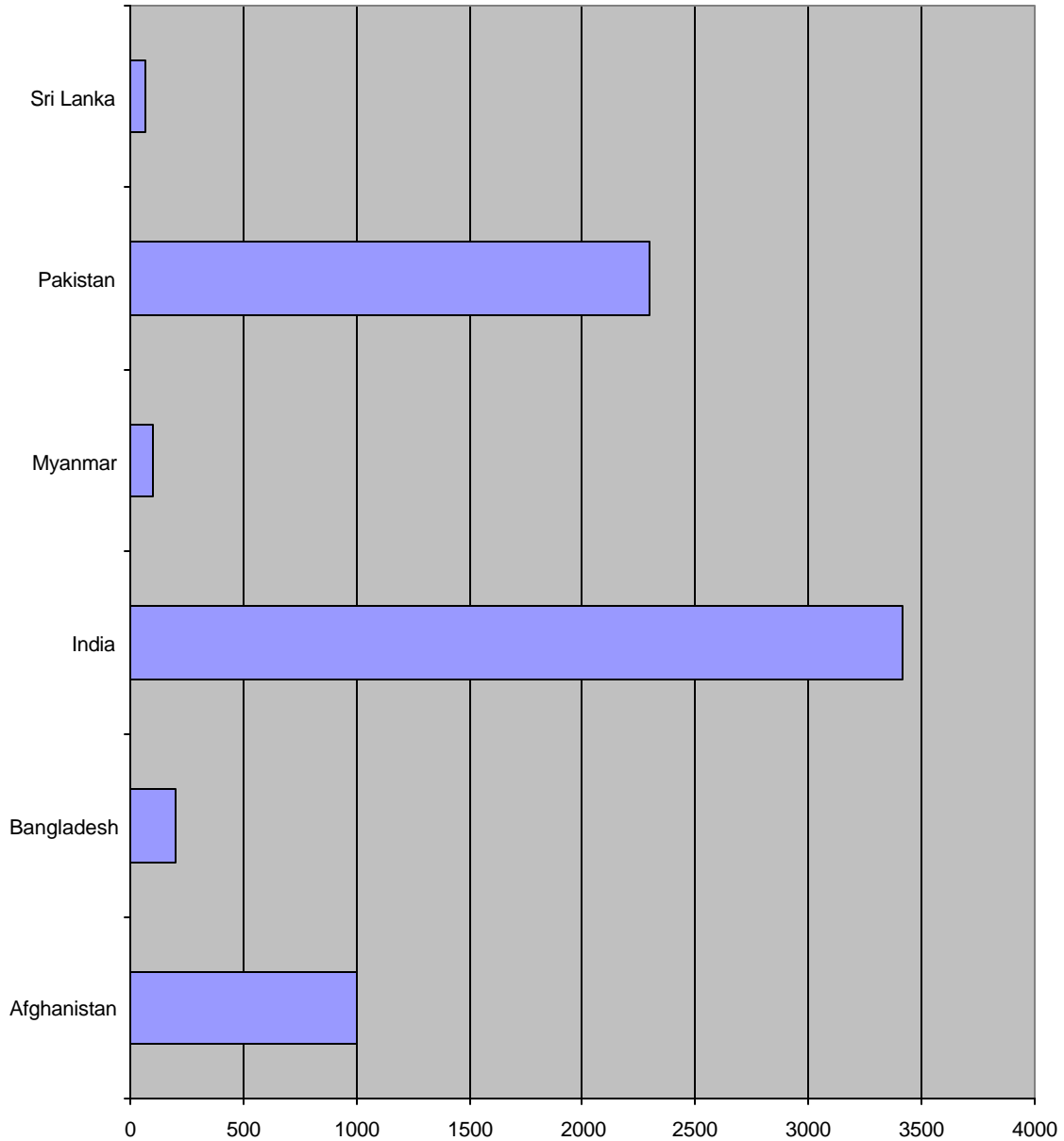
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

South Asian Military Manpower in Key Powers: 2002-2002
(In 1000s)



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.

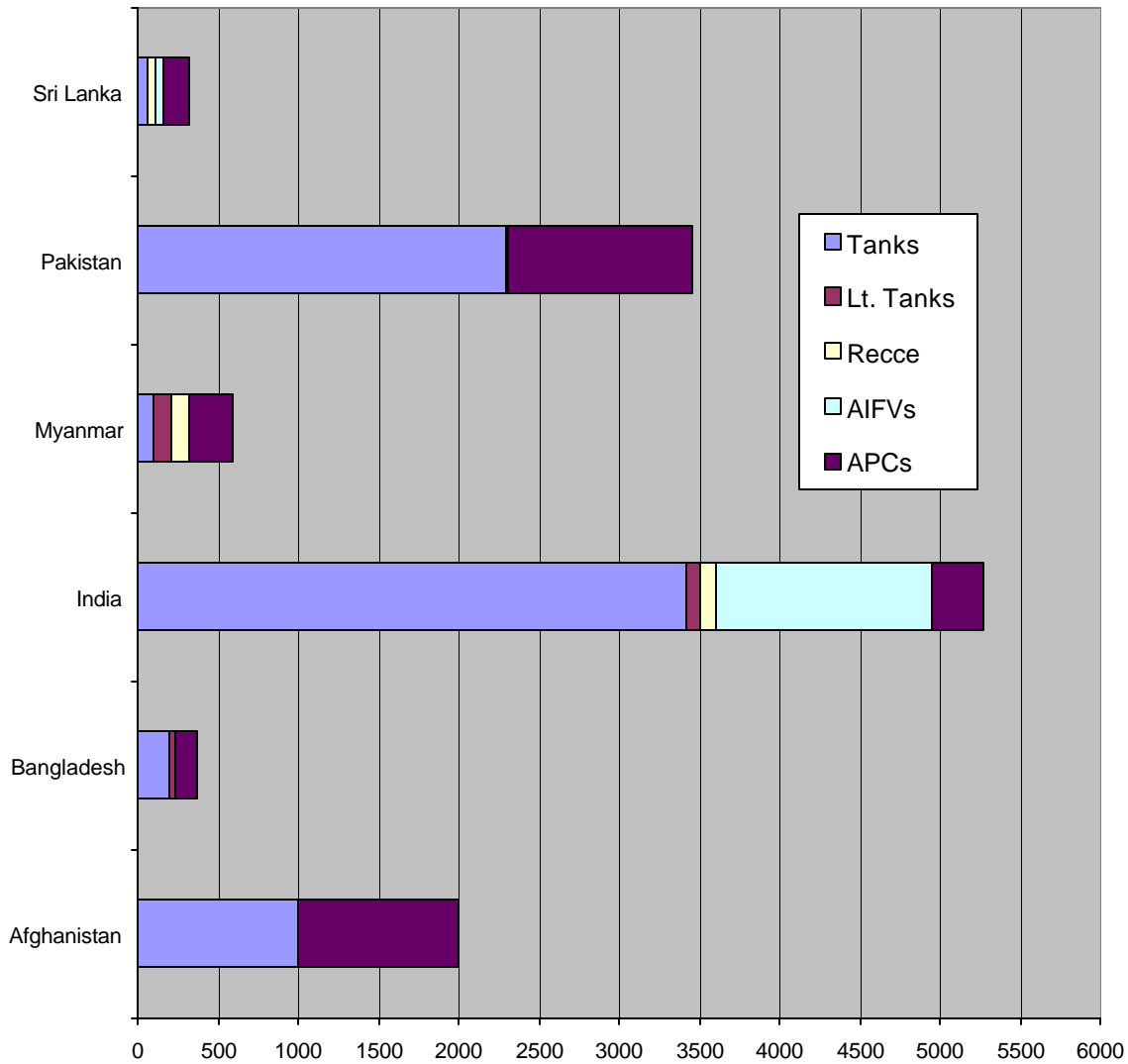
South Asian Main Battle Tanks: 2001-2002
(Number in Active Service)



	Afghanistan	Bangladesh	India	Myanmar	Pakistan	Sri Lanka
■ Tanks	1000	200	3414	100	2300	65

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.

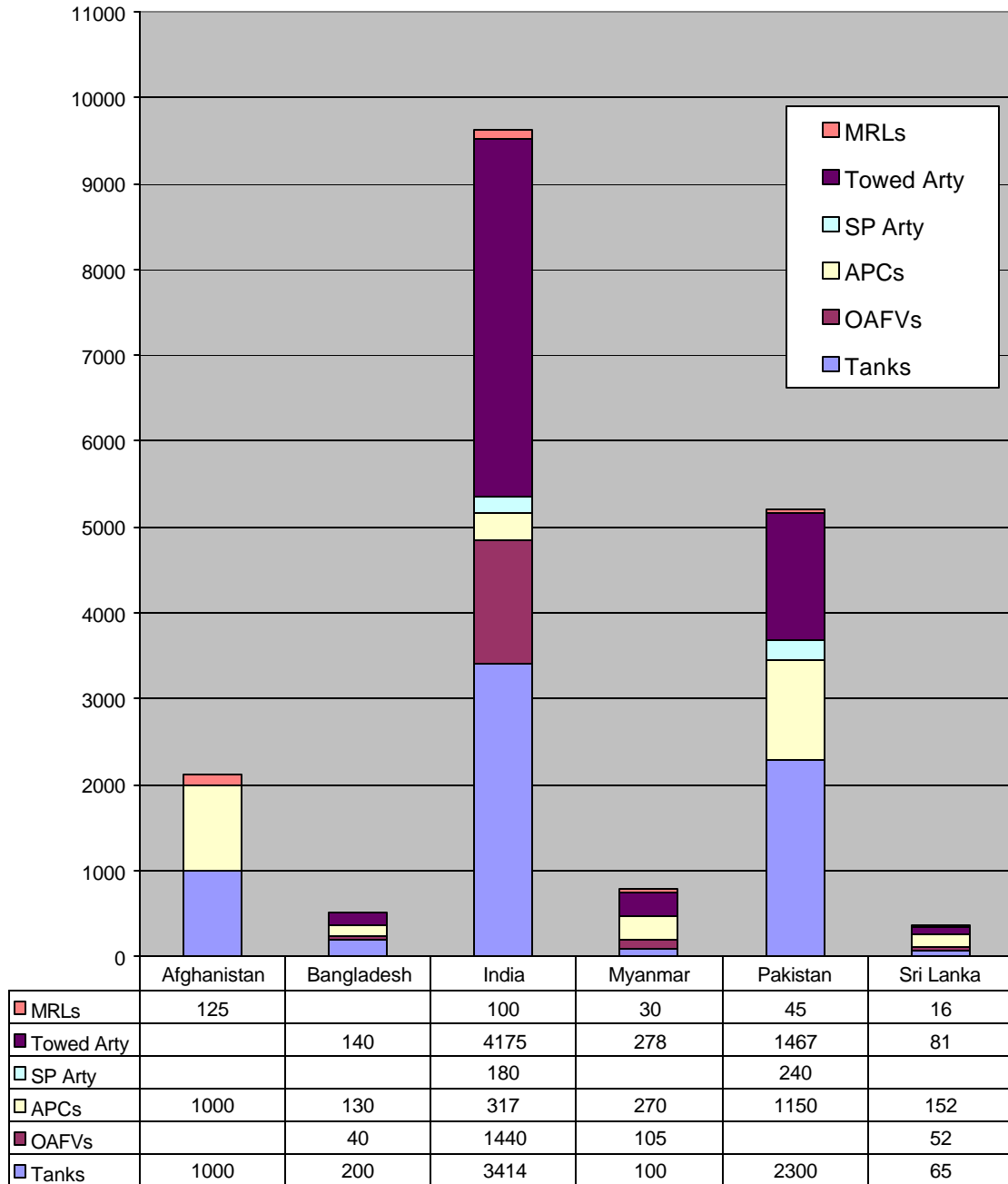
South Asian Armored Fighting Vehicles: 2001-2002
 (Number of Tanks, OAFVs, APCs, Recce in Active Service)



	Afghanistan	Bangladesh	India	Myanmar	Pakistan	Sri Lanka
APCs	1000	130	317	270	1150	152
AIFVs			1350			52
Recce			100	115	11	47
Lt. Tanks		40	90	105		
Tanks	1000	200	3414	100	2300	65

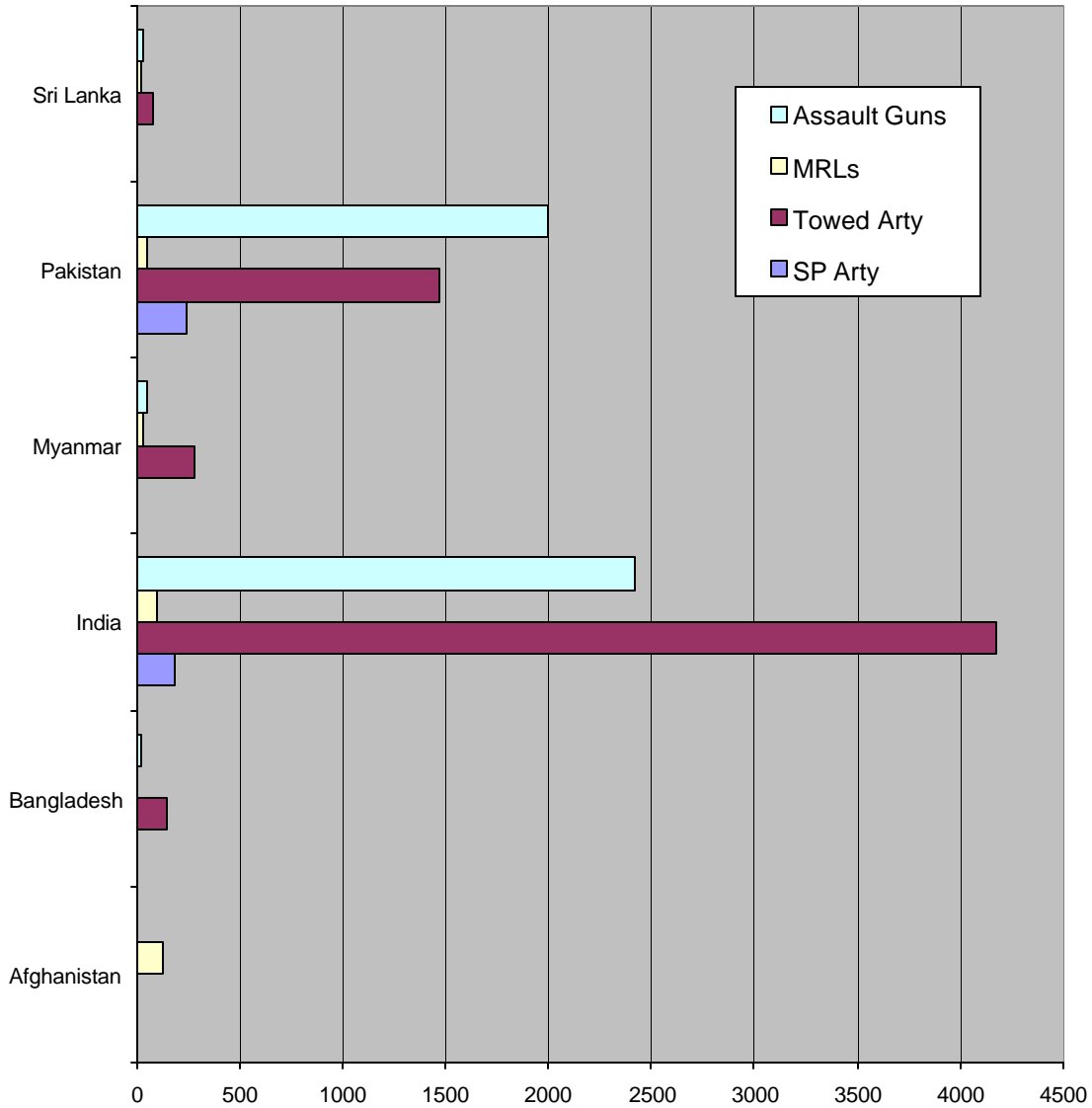
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

South Asian Artillery Weapons 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.

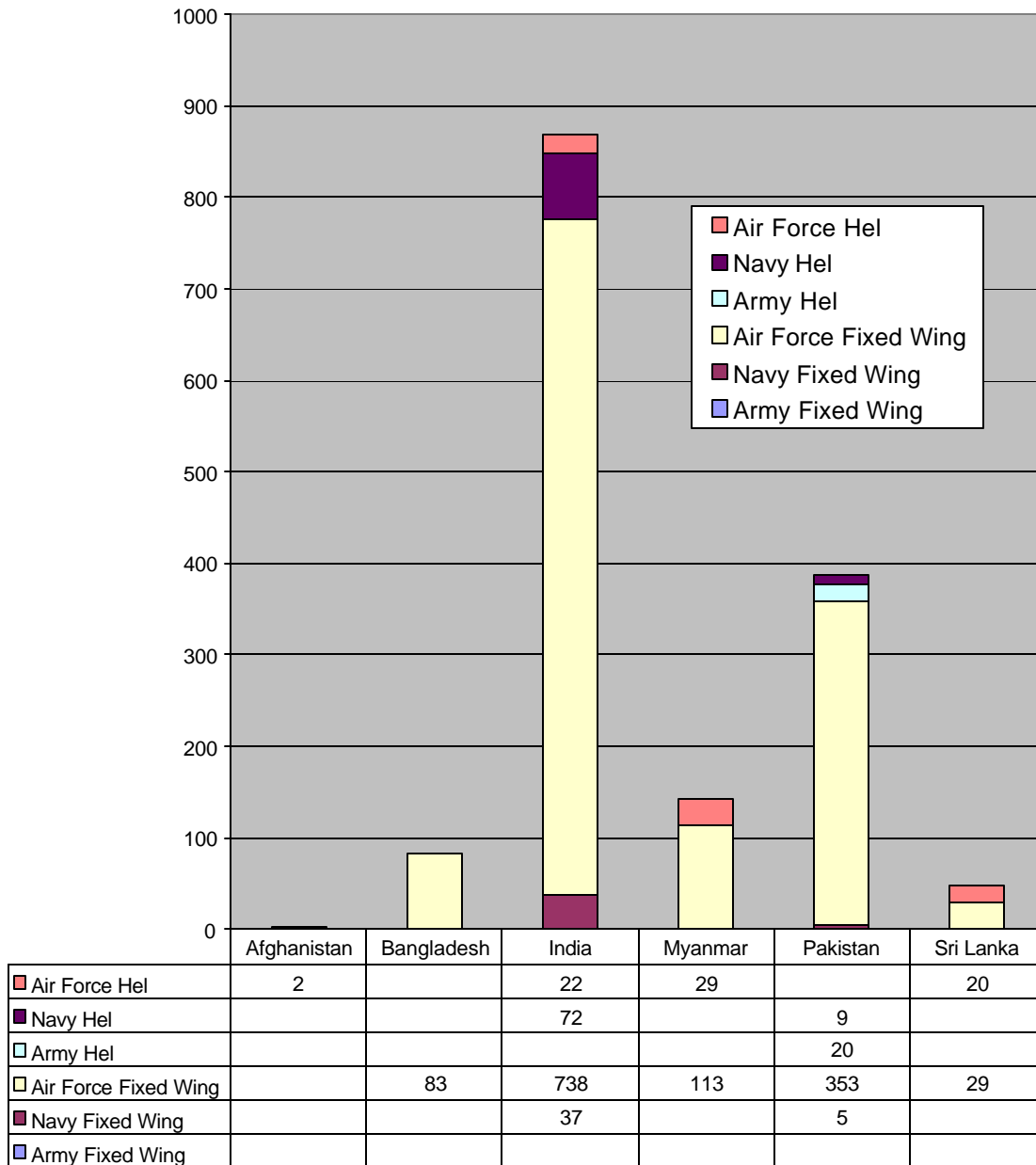
South Asian Artillery Strength: 2001-2002 (Number in Active Service)



	Afghanistan	Bangladesh	India	Myanmar	Pakistan	Sri Lanka
□ Assault Guns		16	2424	46	2000	27
□ MRLs	125		100	30	45	16
■ Towed Arty		140	4175	278	1467	81
■ SP Arty			180		240	

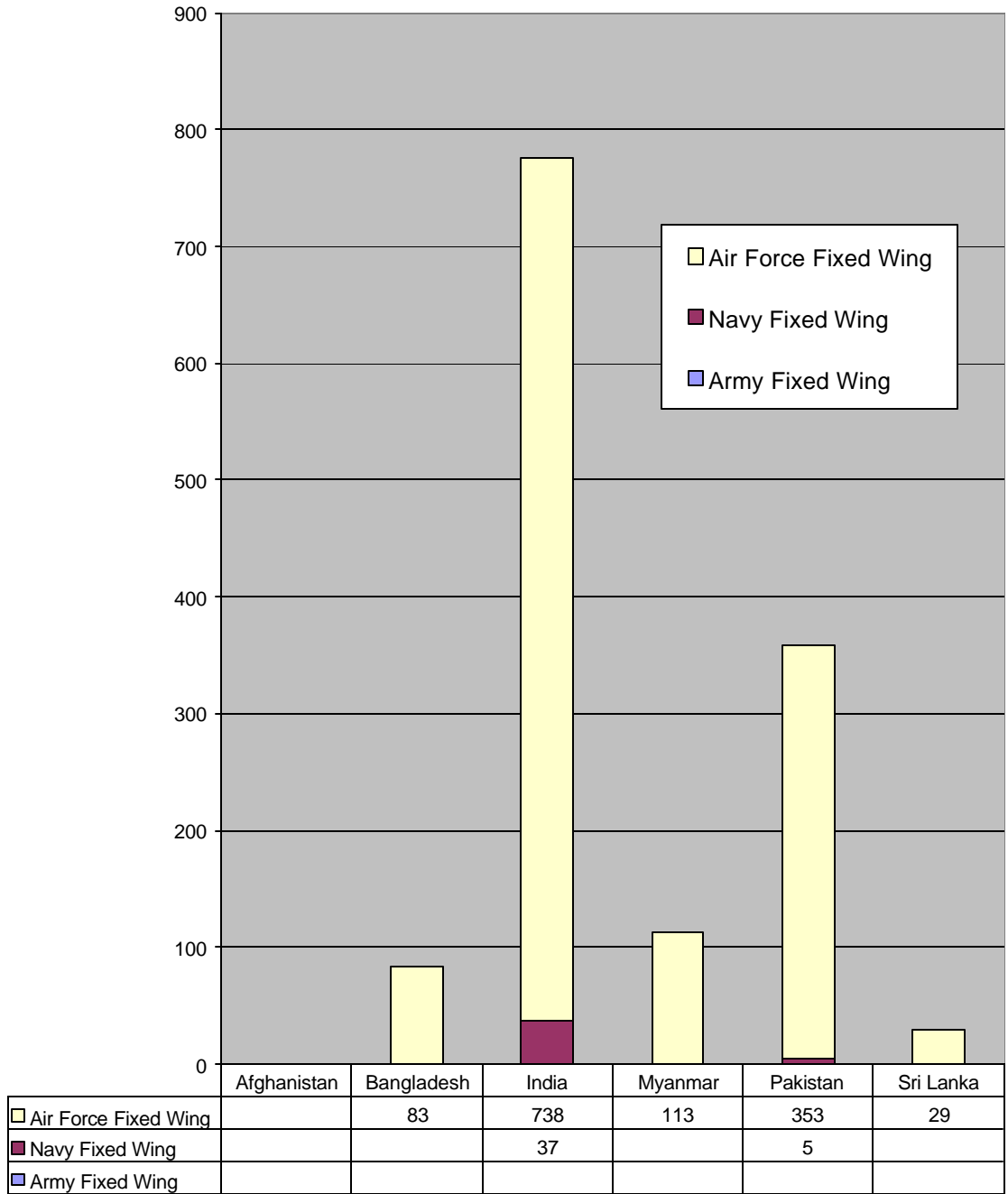
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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



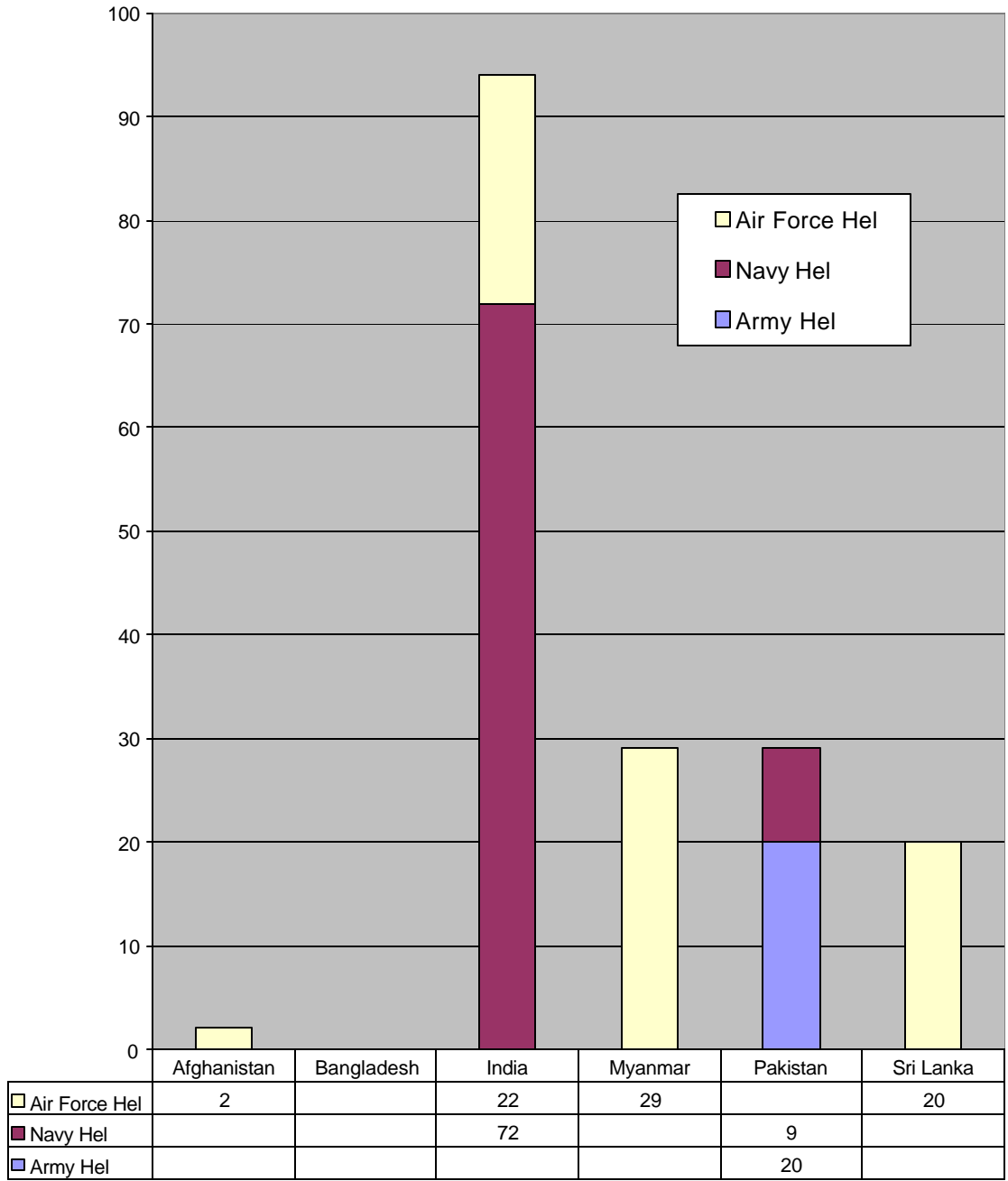
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

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



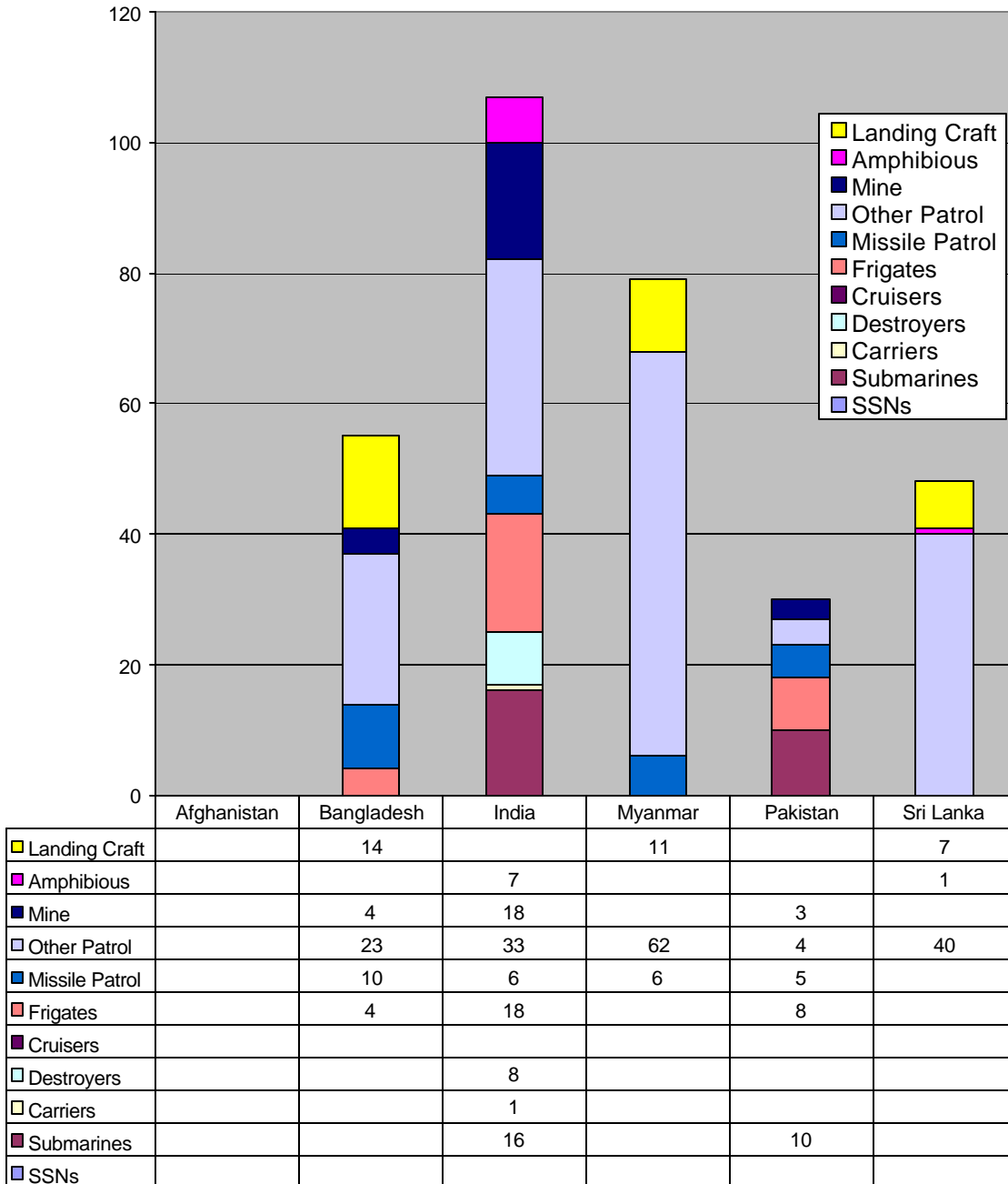
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USP ACOM sources and US experts. Some data estimated or corrected by the author.

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



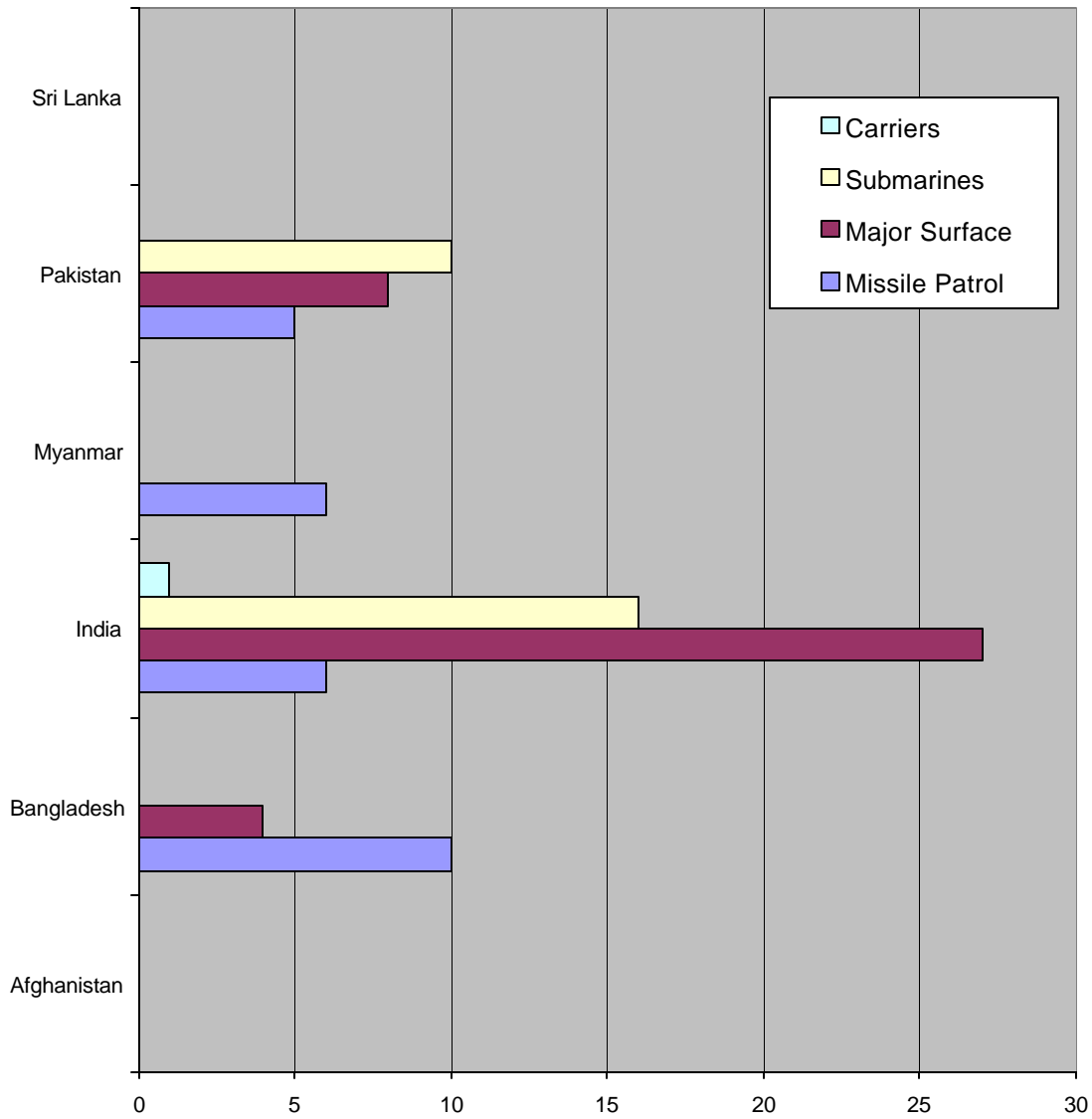
Source: Based primarily on material in the IISS Military Balance, 2001-2002, plus data drawn from USPACOM sources and US experts. Some data estimated or corrected by the author.

South Asian Naval Combat Ships: 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.

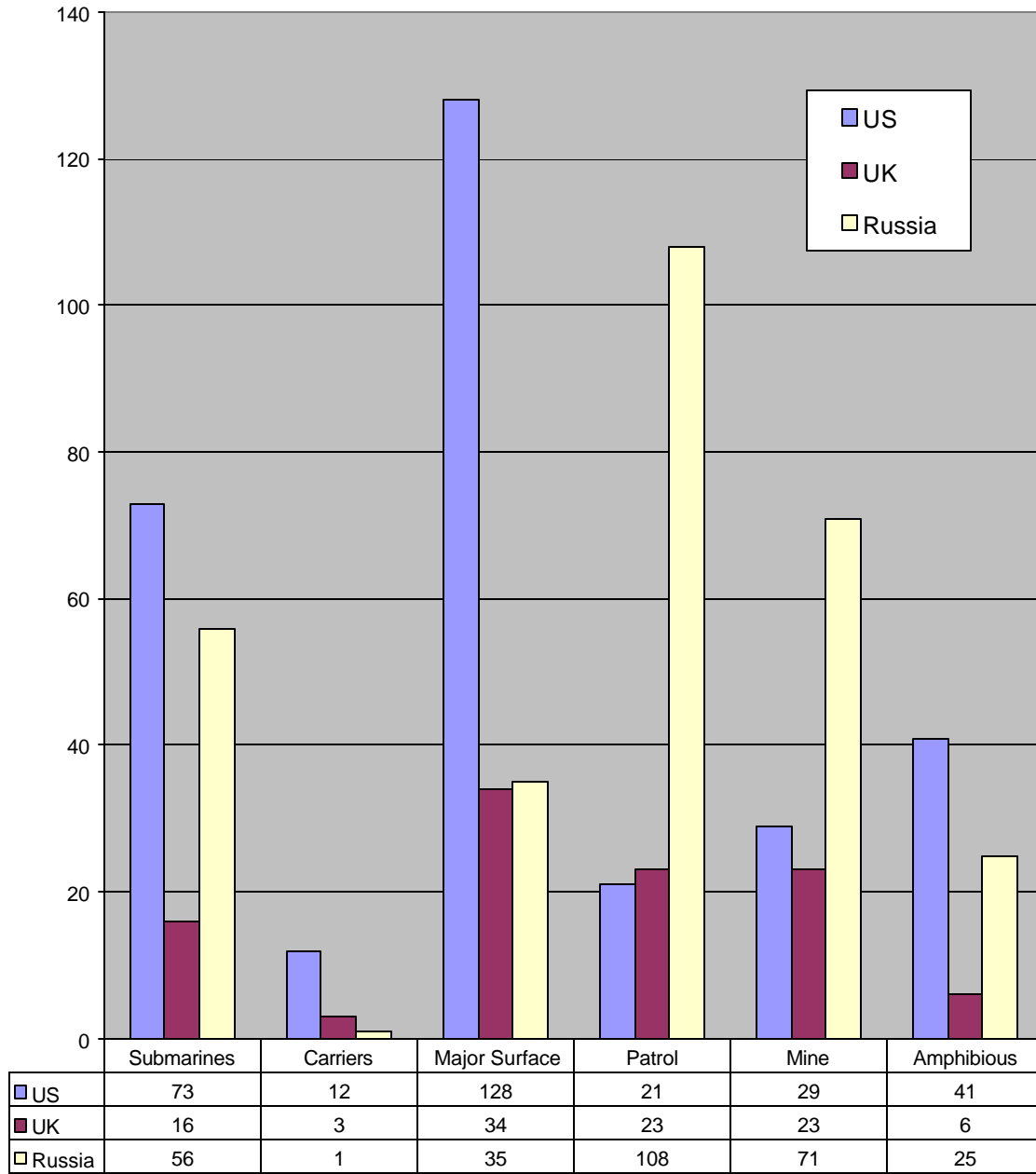
South Asian Major Naval Combat Ships in Key Powers: 2001-2002
(Number in Active Service)



	Afghanistan	Bangladesh	India	Myanmar	Pakistan	Sri Lanka
Carriers			1			
Submarines			16		10	
Major Surface		4	27		8	
Missile Patrol		10	6	6	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.

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.

