

## DOD FACILITIES PRICING GUIDE—PART 2

### General Comments on the Use of Unit Costs, Area Cost Factors, Size Adjustment Factors, and Inflation Rates

The following tables for Unit Costs for DoD Facilities, Area Cost Factors (ACFs), Size Adjustment Factors, and OSD Inflation Rates apply to MILCON project estimates. These tables are also maintained and available on the National Institute of Building Science (NIBS) Construction Criteria Database (CCB) through the Whole Building Design Guide (WBDG). Please address any questions regarding the following tables or cost engineering procedures to your participating Service member of the Tri-Service Committee on Cost Engineering.

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# DRAFT

## TABLE A: UNIT COSTS FOR DoD FACILITIES

Table A provides metric unit cost data for DoD facilities in dollars per square meter (\$/m<sup>2</sup>) and equivalent English unit cost data in dollars per square foot (\$/SF).

Most unit costs and referenced facility sizes are based on historic construction award data for Air Force, Army and Navy projects with construction contracts awarded after January 1998. Unit costs for a few category codes that have a limited number of awarded projects are based on contracts awarded since 1990. The unit costs should be further refined using parametric estimating tools or detailed cost estimates. The unit cost database includes only new construction projects and does not include data from renovation or add/alter projects. The facility types or category codes listed represent those facilities more frequently constructed by the Services.

### NOTES:

1. Unit costs are escalated to October 2006 and October 2007, the assumed midpoints of construction for FY06 and FY07, respectively, with an area cost factor of 1.00. Use the OSD inflation rates shown in Table D to escalate the FY06 unit costs beyond FY06. Unit costs include installed (built-in) building equipment and furnishings normally funded with MILCON funds. Unit costs are for primary facilities only and do not include supporting facility costs; equipment acquired with other fund sources; anti-terrorism/ force protection costs; sustainable construction features; information systems; construction contingency factors; supervision, inspection, and overhead (SIOH); or construction cost growth resulting from user changes, unforeseen site conditions, or contract document errors and omissions.
2. Unit costs for DoD medical facilities include category A and category B equipment, but do not include category E and category F equipment costs.
3. Unit costs for administrative facilities do not include pre-wired workstations or furnishing systems.
4. Unit costs for barracks and unaccompanied officers quarters do not include free-standing kitchen equipment. In addition to using the size adjustment factors, use the project size adjustment factors in table C.
5. Unit costs for child development centers do not include free-standing food service equipment or playground area and equipment.
6. Unit costs for family housing are based upon gross area and include sprinkler systems or fire-rated construction. Unit costs include post-award design costs.
7. For reserve facilities other than reserve centers, use the unit cost of the appropriate facility type.

**TABLE A  
PRIMARY FACILITY UNIT COST DATA FOR DOD FACILITIES**

FACILITY TYPE	REFERENCE SIZE GROSS m <sup>2</sup>	(NOTE 1) UNIT COST (\$ / m <sup>2</sup> )		REFERENCE SIZE GROSS SF	(NOTE 1) UNIT COST (\$ / SF)	
		FY 2006	FY 2007		FY 2006	FY 2007
1. <b>SATELLITE COMMUNICATIONS CENTER</b> (WITH SHIELDING AND GENERATOR)	550	5,317	5,408	6,000	494	502
2. <b>AIRCRAFT OPERATION BUILDING</b> WITHOUT TOWER	930	2,379	2,419	10,000	221	225
WITH TOWER	1,400	3,401	3,459	15,000	316	321
3. <b>AIRFIELD FIRE AND RESCUE STATION</b> (DOES NOT INCLUDE CENTRAL ALARM SYSTEM)	750	2,486	2,529	8,000	231	235
4. <b>OPERATIONS BUILDINGS</b> GENERAL PURPOSE	2,300	1,528	1,554	25,000	142	144
HEADQUARTERS	1,650	1,722	1,752	18,000	160	163
SQUADRON	3,350	1,668	1,697	36,000	155	158
5. <b>APPLIED INSTRUCTION BUILDINGS</b> GENERAL INSTRUCTION	2,300	1,701	1,730	25,000	158	161
HIGH TECH (AUTO-AID) TRAINING	2,300	1,916	1,949	25,000	178	181
6. <b>RESERVE CENTER (NOTE 7)</b>	1,860	1,507	1,533	20,000	140	142
7. <b>HANGARS</b> MAINTENANCE/GENERAL PURPOSE	2,150	1,851	1,883	23,000	172	175
HIGH BAY MAINTENANCE	3,250	2,153	2,189	35,000	200	203
8. <b>SHOPS</b> VEHICLE MAINTENANCE, WHEEL	2,800	1,582	1,609	30,000	147	149
VEHICLE MAINTENANCE, TRACK	2,300	1,636	1,664	25,000	152	155
AIRCRAFT AVIONICS	2,150	1,615	1,642	23,000	150	153
INSTALLATION MAINTENANCE	2,900	1,292	1,314	31,000	120	122
PARACHUTE AND DINGHY	750	1,755	1,784	8,000	163	166
A/C MACHINE SHOP	1,860	1,701	1,730	20,000	158	161
9. <b>STORAGE FACILITIES</b> COLD STORAGE WAREHOUSE/PROCESSING	1,000	1,313	1,336	11,000	122	124
COLD STORAGE WAREHOUSE	550	1,755	1,784	6,000	163	166
GENERAL PURPOSE WAREHOUSE - LOW BAY	3,700	829	843	40,000	77	78
GENERAL PURPOSE WAREHOUSE - HIGH BAY	9,290	936	952	100,000	87	88
GENERAL PURPOSE MAGAZINE W/O CRANE	930	2,131	2,167	10,000	198	201
HIGH EXPLOSIVE MAGAZINE	450	2,282	2,321	5,000	212	216
10. <b>DOD MEDICAL FACILITIES (NOTE 2)</b> STATION HOSPITAL	NA	2,347	2,386	NA	218	222
REGIONAL MEDICAL CENTER	NA	2,669	2,715	NA	248	252
MEDICAL CLINIC	4,650	2,110	2,146	50,000	196	199
DENTAL CLINIC	1,860	2,336	2,375	20,000	217	221
AMBULATORY CLINIC	9,290	1,991	2,025	100,000	185	188

**TABLE A  
PRIMARY FACILITY UNIT COST DATA FOR DOD FACILITIES**

FACILITY TYPE	REFERENCE SIZE GROSS m <sup>2</sup>	(NOTE 1) UNIT COST (\$ / m <sup>2</sup> )		REFERENCE SIZE GROSS SF	(NOTE 1) UNIT COST (\$ / SF)	
		FY 2006	FY 2007		FY 2006	FY 2007
		11. <b>ADMINISTRATIVE FACILITIES</b> (NOTE 3)				
MULTI-PURPOSE	2,300	1,528	1,554	25,000	142	144
DATA PROCESSING AREA FACILITY (INCLUDES ADMIN AND STORAGE)	1,950	2,013	2,047	21,000	187	190
COMMAND HEADQUARTERS BUILDING	3,700	1,981	2,014	40,000	184	187
12. <b>BARRACKS, DORMITORIES</b> (NOTE 4) (DOES NOT INCLUDE KITCHENETTE EQUIPMENT)	9,250	1,647	1,675	99,500	153	156
13. <b>UNACCOMPANIED OFFICERS QUARTERS</b> (NOTE 4)	4,100	1,615	1,642	44,000	150	153
14. <b>DINING FACILITY</b> (INCLUDES KITCHEN EQUIP. AND INSTALLATION)	2,000	2,669	2,715	21,500	248	252
15. <b>FIRE STATION, COMMUNITY</b>	750	1,851	1,883	8,000	172	175
16. <b>CHAPEL CENTER</b>	1,400	1,873	1,905	15,000	174	177
17. <b>COMMISSARY</b> (SALES STORE W/ OPERATIONAL EQUIPMENT)	7,900	1,485	1,511	85,000	138	140
18. <b>FAMILY SUPPORT</b>						
CHILD DEVELOPMENT CENTER (NOTE 5)	2,300	1,819	1,850	25,000	169	172
EDUCATION CENTER	2,800	1,830	1,861	30,000	170	173
YOUTH CENTER	2,300	1,744	1,773	25,000	162	165
FAMILY SERVICE CENTER	450	1,722	1,752	5,000	160	163
19. <b>FAMILY HOUSING</b> (NOTE 6)						
CONUS	NA	775	788	NA	72	73
OCONUS	NA	786	799	NA	73	74
20. <b>PHYSICAL FITNESS TRAINING CENTER</b>	2,800	1,798	1,828	30,000	167	170
21. <b>MAIN EXCHANGE</b> (W/ MALL SERVICE SHOPS)	7,430	1,195	1,215	80,000	111	113
22. <b>SERVICE CLUBS</b>	2,090	2,486	2,529	22,500	231	235
23. <b>LIBRARIES</b>	1,100	1,776	1,806	12,000	165	168
24. <b>RECREATION CENTERS</b>	1,860	1,668	1,697	20,000	155	158
25. <b>BOWLING CENTERS</b> (8 LANES W/ PIN SPOTTING EQUIPMENT AND AUTOMATIC SCORING DEVICE)	700	1,765	1,795	7,800	164	167
26. <b>DEPENDENT SCHOOLS</b>						
ELEMENTARY	NA	1,528	1,554	NA	142	144
JUNIOR HIGH/MIDDLE	NA	1,550	1,576	NA	144	146
HIGH SCHOOL	NA	1,615	1,642	NA	150	153
27. <b>TEMPORARY LODGING FACILITIES</b>	2,800	1,539	1,565	30,000	143	145

**TABLE C: SIZE ADJUSTMENT FACTORS**

The Size Adjustment Factor table is based on data analysis that shows a correlation exists between project size and construction cost. Unit construction costs generally are lower for larger projects due to greater opportunities for material quantity discounts and for spreading mobilization, demobilization and general overhead costs over a greater number of units.

All unit costs are based on the referenced facility sizes. Use Table C, Size Adjustment Factor, to adjust unit costs for facilities whenever your project size differs from the referenced facility size shown in Table A. Divide the gross area of your proposed facility by the referenced size for that facility type to determine the size relationship ratio. Use this ratio to find the appropriate size adjustment factor in Table C. Multiply the unit cost from Table A by the size adjustment factor to calculate the adjusted unit cost for your facility, if applicable.

Base your proposed project size on the total project scope to be awarded as a single construction contract, regardless of the number of buildings to be constructed within that scope. If a construction award project is to be broken into a number of discreet phases where the contractor has limited control over the phasing, use the average scope for all phases as the basis for your size adjustment calculations. In addition to using the size adjustment factors, in Table C, for enlisted dormitory (barracks) also use the project size adjustment factors in Table C, as applicable. (See EXAMPLE below.)

EXAMPLE: You propose to build a 144 Person/Room (4,752 m<sup>2</sup>) Enlisted Barracks/Dormitory in FY06. The referenced facility size taken from the unit cost summary is 9,250 m<sup>2</sup>. The size relationship ratio is 0.51 (4,752 m<sup>2</sup> divided by 9,250 m<sup>2</sup>). Enter Table C to find the Size Adjustment Factor of 1.08 and the project size adjustment factor of 1.03. Multiply the unit cost of \$1647/m<sup>2</sup> by 1.08 and 1.03 to determine that your adjusted unit cost is \$ 1,832/m<sup>2</sup>.

EXAMPLE: You propose to build a 3,500 m<sup>2</sup> multi-purpose administrative facility. The referenced facility size taken from the unit cost summary is 2,300 m<sup>2</sup>. The size relationship ratio is 1.52 (3,500 m<sup>2</sup> divided by 2,300 m<sup>2</sup>). Enter Table C to find the Size Adjustment Factor of 0.96. Multiply the unit cost of \$1528/m<sup>2</sup> by 0.96 to determine that your adjusted unit cost is \$ 1,467/m<sup>2</sup>.

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**TABLE C: SIZE ADJUSTMENT FACTORS (ALL FACILITIES OTHER THAN HOUSING)**

Size Relationship Ratio	Size Adjustment Factor						
< 0.05	1.275	1.00	1.000	2.00	0.947	3.00	0.921
0.05	1.275	1.05	0.995	2.05	0.940	3.05	0.920
0.10	1.269	1.10	0.990	2.10	0.939	> 3.05	0.920
0.15	1.232	1.15	0.986	2.15	0.937		
0.20	1.202	1.20	0.982	2.20	0.936		
0.25	1.175	1.25	0.978	2.25	0.935		
0.30	1.152	1.30	0.974	2.30	0.933		
0.35	1.132	1.35	0.971	2.35	0.932		
0.40	1.114	1.40	0.968	2.40	0.931		
0.45	1.098	1.45	0.965	2.45	0.930		
0.50	1.084	1.50	0.962	2.50	0.929		
0.55	1.072	1.55	0.960	2.55	0.928		
0.60	1.060	1.60	0.957	2.60	0.927		
0.65	1.050	1.65	0.955	2.65	0.926		
0.70	1.041	1.70	0.953	2.70	0.925		
0.75	1.033	1.75	0.951	2.75	0.924		
0.80	1.025	1.80	0.949	2.80	0.924		
0.85	1.018	1.85	0.947	2.85	0.923		
0.90	1.011	1.90	0.945	2.90	0.922		
0.95	1.005	1.95	0.943	2.95	0.921		

<b>MILITARY FAMILY HOUSING PROJECT SIZE ADJUSTMENT FACTORS</b>		<b>BARRACKS/DORMITORIES PROJECT SIZE ADJUSTMENT FACTORS</b>	
NUMBER OF UNITS in the project	PROJECT SIZE FACTOR	NUMBER OF ROOMS in the project	PROJECT SIZE FACTOR
1-9	1.25	1-99	1.07
10-19	1.15	100-149	1.03
20-49	1.10	150-199	1.00
50-99	1.04	200-299	0.97
100-199	1.00	300+	0.95
200-299	0.93		
300+	0.90		

**TABLE D: INFLATION RATES**

The inflation rates in Table D are based upon PBD 604 published by the Under Secretary of Defense (Comptroller) on January 7, 2003. The Table D inflation guidance has an arbitrary baseline of 1.00 for October 2005. The inflation indices are based on the Engineering News Record (ENR) historic data through October 2002 and the Comptroller-projected inflation rates after that date.

<b>Fiscal Year</b>	<b>Mid-Point of Construction (Month Yr)</b>	<b>(Note 1) ENR Indices (Raw)</b>	<b>(Note 2) OSD Inflation rate %</b>	<b>(Note 3) OSD Inflation Indices</b>
1980	Oct 80	1976		0.521
1981	Oct 81	2151		0.567
1982	Oct 82	2262		0.597
1983	Oct 83	2416		0.637
1984	Oct 84	2424		0.639
1985	Oct 85	2441		0.644
1986	Oct 86	2511		0.662
1987	Oct 87	2569		0.678
1988	Oct 88	2612		0.689
1989	Oct 89	2662		0.702
1990	Oct 90	2728		0.720
1991	Oct 91	2786		0.735
1992	Oct 92	2867		0.756
1993	Oct 93	3016		0.795
1994	Oct 94	3116		0.822
1995	Oct 95	3117		0.822
1996	Oct 96	3284		0.866
1997	Oct 97	3372		0.889
1998	Oct 98	3423		0.903
1999	Oct 99	3505		0.924
2000	Oct 00	3547		0.936
2001	Oct 01	3602		0.950
2002	Oct 02	3651		0.963
2003	Oct 03	3680	0.80%	0.971
2004	Oct 04	3735	1.50%	0.985
2005	Oct 05	3791	1.50%	1.000
2006	Oct 06	3852	1.60%	1.016
2007	Oct 07	3918	1.70%	1.033
2008	Oct 08	3988	1.80%	1.052
2009	Oct 09	4060	1.80%	1.071
2010	Oct 10	4133	1.80%	1.090
2011	Oct 11	4207	1.80%	1.110

Note 1: Inflation multipliers through October 2002 are based on Engineering News Record Building Construction Indices.

Note 2: Inflation multipliers after October 2002 are from PBD 604 (Jan 7, 2003) published by USD (Comptroller)

Note 3: Use these inflation indices to adjust unit costs for projects FY 2005 and beyond unless OUSD modifies the rate. The inflation rates are subject to change during the course of the budget.

**TABLE B: AREA COST FACTORS**

These area cost factors (ACFs) are primarily used for Military Construction (Milcon) and are not intended for use for facility sustainment costs. Use the ACFs with the primary facility unit costs reflected from Table A or approved Air Force, Army, and Navy Milcon Pricing Guide.

Use the area cost factors (ACFs) with primary facility unit costs for Milcon Construction. Area cost factors for some locations have been updated from previous list based on the latest data input from the services' and field offices. In general, the area cost factors are developed based on the construction market condition of local costs for a market basket of 8 labor crafts, 17 construction materials, and 4 equipment items. These labor, materials, and equipment (LME) items are representative of the types of products and services used to construct most military facilities. In 2002, the market survey covered a list of 222 locations that includes 96 Base Cities (two per state in the continental US), 106 additional locations in the U.S., and 20 Overseas locations. A new construction market survey will be conducted in 2004.

Each of the LME costs is normalized and weighted to represent its contribution to the total cost of a typical facility. The normalized LME is then modified by seven matrix factors that cover local conditions affecting construction costs. These matrix factors include weather, seismic, climatic (frost zone, wind loads, and HVAC systems), labor availability, contractor overhead and profit, life support and mobilization, and labor productivity versus the U.S. standard. The resultant ACF for each location is normalized again by dividing by the Base City average to provide a final ACF that reflects the relative relationship of construction costs between that location and the Base City average as 1.00.

There is no easy correlation between these ACFs and previous ACFs for specific locations. No common benchmarks exist because both the Base City average and the relationships between cities change for each two-year cycle. It is possible, however, to compare differences between several locations in this database with differences between the same locations in previous databases.

Do not use these ACFs to modify parametric cost estimates, detailed quantity-take-offs, unit price book (UPB) line items, commercial cost data, user generated unit costs, or sustainment costs. These other cost estimating systems and databases have their own processes and factors for adjusting costs to different locations.

*The overall ACF for the state/country should be used when there is no specific ACF for a location within the state/country. The ACF for the closest location should be used only when market conditions (e.g. material prices, labor rates, labor availability, bidding climate) are similar.*

PART I – U.S. LOCATIONS

<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>
<b>ALABAMA</b>		<b>0.83</b>	<b>ARKANSAS</b>		<b>0.89</b>
	MOBILE	0.85		FORT SMITH	0.89
	MONTGOMERY	0.81		PINE BLUFF	0.90
(A)	ANNISTON ARMY DEPOT	0.74	(A)	FORT CHAFFEE	0.89
(A)	FORT MCCLELLAN	0.74	(AF)	LITTLE ROCK AIR FORCE BASE	0.87
(A)	FORT RUCKER	0.77	(A)	PINE BLUFF ARSENAL	0.90
(AF)	MAXWELL AIR FORCE BASE	0.81			
(N)	MOBILE AREA	0.85	<b>CALIFORNIA</b>		<b>1.20</b>
(A)	REDSTONE ARSENAL	0.85		SAN DIEGO	1.17
				SAN FRANCISCO	1.23
<b>ALASKA</b>		<b>1.85</b>	(N)	29 PALMS MARINE CORPS BASE	1.32
	ANCHORAGE	1.68	(AF)	BEALE AIR FORCE BASE	1.26
	FAIRBANKS	2.04	(N)	CAMP PENDLETON MARINE CORPS BASE	1.17
(N)	ADAK NAVAL STATION	3.46	(N)	CENTERVILLE BEACH	1.04
(AF)	CLEAR AIR FORCE BASE	2.16	(N)	CHINA LAKE NAVAL WEAPONS CENTER	1.27
(AF)	EACKERSON AIR FORCE BASE	3.50	(H)	CONCORD	1.23
(AF)	EIELSON AIR FORCE BASE	2.04	(AF)	EDWARDS AIR FORCE BASE	1.28
(AF)	ELMENDORF AIR FORCE BASE	1.68	(N)	EL CENTRO NAVAL AIR FIELD	1.39
(A)	FORT GREELY	2.15	(A)	FORT HUNTER LIGGETT	1.27
(A)	FORT RICHARDSON	1.68	(A)	FORT IRWIN	1.27
(A)	FORT WAINWRIGHT	2.04	(A)	FORT ORD	1.21
			(N)	LEMOORE	1.23
<b>ARIZONA</b>		<b>0.98</b>	(N)	LOS ANGELES AREA	1.12
	FLAGSTAFF	1.00	(AF)	MARCH AIR RESERVE BASE	1.06
	TUCSON	0.97	(AF)	MCCLELLAN AIR FORCE BASE	1.12
(AF)	DAVIS-MONTHAN AIR FORCE BASE	0.98	(N)	MONTEREY AREA	1.21
(A)	FORT HUACHUCA	1.11	(A)	OAKLAND ARMY BASE	1.23
(AF)	LUKE AIR FORCE BASE	1.00	(H)	POINT MUGU	1.14
(A)	NAVAJO ARMY DEPOT	1.00	(H)	POINT SUR	1.21
(N)	YUMA MCAS	1.30	(N)	PORT HUENEME AREA	1.14
(A)	YUMA PROVING GROUND	1.30	(A)	RIVERBANK ARMY AMMO PLANT	1.17

PART I – U.S. LOCATIONS

<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>
<b>CALIFORNIA (CONT)</b>			<b>DELAWARE</b>		
(A)	SACRAMENTO ARMY DEPOT	1.12		DOVER	1.05
(H)	SAN BRUNO	1.23		WILMINGTON	1.05
(N)	SAN CLEMENTE ISLAND	1.88	(AF)	DOVER AIR FORCE BASE	1.06
(H)	SEAL BEACH	1.12			
(A)	SHARPE ARMY DEPOT	1.22	<b>FLORIDA</b>		
(A)	SIERRA ARMY DEPOT	1.29		MIAMI	0.87
(N)	STOCKTON AREA	1.18		PANAMA CITY	0.79
(AF)	TRAVIS AIR FORCE BASE	1.26	(AF)	CAPE CANAVERAL	0.97
(AF)	VANDENBERG AIR FORCE BASE	1.19	(AF)	EGLIN AIR FORCE BASE	0.80
			(AF)	HOMESTEAD AIR RESERVE STATION	0.87
<b>COLORADO</b>			(N)	JACKSONVILLE AREA	0.93
	COLORADO SPRINGS	1.11	(N)	KEY WEST NAVAL AIR STATION	1.24
	DENVER	1.02	(H)	MAYPORT	0.91
(AF)	AIR FORCE ACADEMY	1.11	(AF)	MACDILL AIR FORCE BASE	0.89
(AF)	BUCKLEY AIR FORCE BASE	1.02	(N)	ORLANDO AREA	0.85
(AF)	CHEYENNE MOUNTAIN	1.19	(N)	PANAMA CITY AREA	0.79
(A)	FITZSIMONS ARMY MED CENTER	1.02	(N)	PENSACOLA AREA	0.87
(A)	FORT CARSON	1.11	(AF)	TYNDALL AIR FORCE BASE	0.79
(AF)	PETERSON AIR FORCE BASE	1.11	(H)	WHITING FIELD	0.87
(A)	PUEBLO ARMY DEPOT	0.96			
(A)	ROCKY MOUNTAIN ARSENAL	1.02			
(AF)	SCHRIEVER AIR FORCE BASE	1.19			
<b>CONNECTICUT</b>					
	BRIDGEPORT	1.07			
	NEW LONDON	1.14			
(N)	NEW LONDON AREA	1.14			
(A)	STRATFORD ENG PLANT	1.07			

PART I – U.S. LOCATIONS

<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>
<b>GEORGIA</b>		<b>0.86</b>	<b>IDAHO</b>		<b>1.04</b>
	ALBANY	0.79		BOISE	0.97
	ATLANTA	0.93		MOUNTAIN HOME	1.11
(H)	ATHENS	0.81	(AF)	MOUNTAIN HOME AIR FORCE BASE	1.11
(A)	FORT BENNING	0.80			
(A)	FORT GILLEM	0.93	<b>ILLINOIS</b>		<b>1.22</b>
(A)	FORT GORDON	0.84		BELLEVILLE	1.16
(A)	FORT MCPHERSON	0.93		CHICAGO	1.28
(A)	FORT STEWART	0.84	(N)	FOREST PARK (CHICAGO)	1.28
(N)	KINGS BAY	0.99	(N)	GLENVIEW (CHICAGO)	1.28
(AF)	MOODY AIR FORCE BASE	0.85	(N)	GREAT LAKES (NTC)	1.27
(AF)	ROBINS AIR FORCE BASE	0.83	(A)	ROCK ISLAND ARSENAL	1.02
			(A)	SAVANNAH ARMY DEPOT	0.98
			(AF)	SCOTT AIR FORCE BASE	1.19
<b>HAWAII</b>		<b>1.70</b>			
	HONOLULU	1.66	<b>INDIANA</b>		<b>0.98</b>
	KANEOHE BAY	1.75		INDIANAPOLIS	0.99
(N)	BARBERS POINT NAVAL AIR STN.	1.74		LOGANSPOUT	0.98
(N)	BARKING SANDS	1.74	(N)	CRANE NWSC	1.05
(N)	FORD ISLAND	1.66	(A)	FORT BENJAMIN HARRISON	1.03
(A)	FORT DERUSSY	1.66	(AF)	GRISSOM AIR RESERVE BASE	1.05
(A)	FORT SHAFTER	1.66	(A)	JEFFERSON PROVING GROUND	0.92
(AF)	HICKAM AIR FORCE BASE	1.66			
(N)	KANEOHE MARINE CORPS AIR STN.	1.75	<b>IOWA</b>		<b>1.00</b>
(N)	PEARL HARBOR	1.66		BURLINGTON	1.05
(N)	POHAKULOA	1.93		DES MOINES	0.96
(A)	SCHOFIELD BARRACKS	1.67	(A)	IOWA ARMY AMMO PLANT	1.10
(A)	TRIPLER ARMY MEDICAL CENTER	1.69			
(A)	WHEELER ARMY AIR FIELD	1.67			

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<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>
<b>KANSAS</b>		<b>0.95</b>	<b>MARYLAND</b>		<b>1.00</b>
	MANHATTAN	0.96		BALTIMORE	0.93
	WICHITA	0.94		LEXINGTON PARK	1.08
(A)	FORT LEAVENWORTH	1.05	(A)	ABERDEEN PROVING GROUND	0.88
(A)	FORT RILEY	1.08	(AF)	ANDREWS AIR FORCE BASE	1.02
(A)	KANSAS ARMY AMMO PLANT	1.01	(N)	ANNAPOLIS	1.02
(AF)	MCCONNELL AIR FORCE BASE	0.98	(N)	BETHESDA	1.02
			(N)	CHELTONHAM (DC)	1.02
<b>KENTUCKY</b>		<b>0.92</b>	(N)	CHESAPEAKE BEACH	0.95
	LEXINGTON	0.88	(A)	FORT DETRICK	1.02
	LOUISVILLE	0.96	(A)	FORT GEORGE G MEADE	1.02
(A)	FORT CAMPBELL	1.05	(A)	FORT RITCHIE	0.89
(A)	FORT KNOX	1.05	(A)	HARRY DIAMOND LAB	1.02
(A)	LEXINGTON/BLUE GRASS AD	0.95	(N)	INDIAN HEAD	0.97
(N)	LOUISVILLE NAVAL AIR STATION	0.96	(N)	PATUXENT RIVER AREA	1.08
			(N)	THURMONT	1.10
<b>LOUISIANA</b>		<b>0.92</b>	<b>MASSACHUSETTS</b>		<b>1.12</b>
	NEW ORLEANS	0.96		BOSTON	1.16
(AF)	BARKSDALE AIR FORCE BASE	0.89		FITCHBURG	1.09
	SHREVEPORT	0.89	(A)	ARMY MAT & MECH LAB	1.15
(A)	FORT POLK	0.93	(A)	FORT DEVENS	1.16
(A)	LOUISIANA ARMY AMMO PLANT	0.89	(AF)	HANSCOM AIR FORCE BASE	1.16
(A)	NEW ORLEANS ARMY BASE	0.96			
<b>MAINE</b>		<b>1.05</b>	<b>MICHIGAN</b>		<b>1.12</b>
	BANGOR	1.05		DETROIT	1.15
	PORTLAND	1.05		MARQUETTE	1.10
(N)	BRUNSWICK AREA	1.11	(A)	DETROIT ARSENAL	1.15
(N)	CUTLER WINTER HARBOR	1.07	(AF)	K I SAWYER AIR FORCE BASE	1.10
(H)	KITTERY/PORTSMOUTH	1.05			

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<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>
<b>MINNESOTA</b>		<b>1.08</b>	<b>NEVADA</b>		<b>1.20</b>
	DULUTH	1.05		HAWTHORNE	1.16
	MINNEAPOLIS	1.11		LAS VEGAS	1.24
			(N)	FALLON	1.21
<b>MISSISSIPPI</b>		<b>0.84</b>	(A)	HAWTHORNE ARMY AMMO PLANT	1.16
	BILOXI	0.90	(AF)	NELLIS AIR FORCE BASE	1.28
	COLUMBUS	0.78			
(AF)	COLUMBUS AIR FORCE BASE	0.78	<b>NEW HAMPSHIRE</b>		<b>1.06</b>
(N)	GULFPORT AREA	0.90		CONCORD	1.08
(AF)	KEESLER AIR FORCE BASE	0.90		PORTSMOUTH	1.05
(N)	MERIDIAN NAVAL AIR STATION	0.94			
<b>MISSOURI</b>		<b>0.99</b>	<b>NEW JERSEY</b>		<b>1.14</b>
	KANSAS CITY	1.01		NEWARK	1.15
	SEDALIA	0.97		TRENTON	1.12
(A)	FORT LEONARD WOOD	1.13	(N)	BAYONNE MOT	1.14
(A)	LAKE CITY ARMY AMMO PLNT	1.03	(N)	EARLE	1.21
(A)	ST LOUIS ARMY AMMO PLANT	1.09	(A)	FORT DIX	1.15
(AF)	WHITEMAN AIR FORCE BASE	1.07	(A)	FORT MONMOUTH	1.16
			(H)	LAKEHURST	1.16
			(AF)	MCGUIRE AIR FORCE BASE	1.15
<b>MONTANA</b>		<b>1.14</b>	(A)	PICATINNY ARSENAL	1.20
	BILLINGS	1.12			
	GREAT FALLS	1.16	<b>NEW MEXICO</b>		<b>0.97</b>
(AF)	MALMSTROM AIR FORCE BASE	1.16		ALAMOGORDO	0.96
				ALBUQUERQUE	0.99
<b>NEBRASKA</b>		<b>0.95</b>	(AF)	CANNON AIR FORCE BASE	1.04
	GRAND ISLAND	0.91	(AF)	HOLLOMAN AIR FORCE BASE	0.98
	OMAHA	0.99	(AF)	KIRTLAND AIR FORCE BASE	0.99
(A)	CORNHUSKER ARMY AMMO PLANT	0.91	(A)	WHITE SANDS MR	1.00
(AF)	OFFUTT AIR FORCE BASE	0.99			

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<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>
<b>NEW YORK</b>		<b>1.07</b>	<b>OHIO</b>		<b>0.98</b>
	ALBANY NEW YORK	1.02		DAYTON	0.96
	BUFFALO	1.12		YOUNGSTOWN	1.00
(A)	FORT DRUM	1.13	(A)	RAVENNA ARMY AMMO PLANT	1.03
(H)	LONG ISLAND	1.36	(AF)	WRIGHT-PATTERSON AIR FORCE BASE	0.96
(A)	NEW YORK CITY	1.49			
(N)	NIAGARA	1.12	<b>OKLAHOMA</b>		<b>0.92</b>
(AF)	ROME LABORATORY	1.07		LAWTON	0.92
(H)	SCOTIA	1.02		OKLAHOMA CITY	0.91
(A)	SENECA ARMY DEPOT	1.06	(AF)	ALTUS AIR FORCE BASE	0.99
(N)	STATEN ISLAND	1.49	(A)	FORT SILL	0.92
(A)	U S MILITARY ACADEMY	1.40	(A)	MCALESTER ARMY AMMO PLANT	0.84
(A)	WATERVLIET ARSENAL	1.02	(AF)	TINKER AIR FORCE BASE	0.91
			(AF)	VANCE AIR FORCE BASE	0.92
<b>NORTH CAROLINA</b>		<b>0.87</b>	<b>OREGON</b>		<b>1.06</b>
	FAYETTEVILLE	0.87		PENDLETON	1.05
	GREENSBORO	0.87		PORTLAND	1.06
(N)	CAMP LEJEUNE AREA	0.96	(A)	UMATILLA ARMY DEPOT	1.19
(N)	CHERRY POINT	0.96			
(A)	FORT BRAGG	0.88	<b>PENNSYLVANIA</b>		<b>1.05</b>
(N)	NEW RIVER	0.96		PHILADELPHIA	1.10
(AF)	POPE AIR FORCE BASE	0.88		PITTSBURGH	0.99
(AF)	SEYMOUR JOHNSON AIR FORCE BASE	0.82	(A)	CARLISLE BARRACKS	0.93
(A)	SUNNY POINT	0.87	(A)	INDIANTOWN GAP MR	1.00
<b>NORTH DAKOTA</b>		<b>1.02</b>	(A)	LETTERKENNY ARMY DEPOT	0.99
	GRAND FORKS	0.95	(N)	MECHANICSBURG AREA	0.93
	MINOT	1.09	(A)	NEW CUMBERLAND ARMY DEPOT	0.93
(AF)	GRAND FORKS AIR FORCE BASE	0.95	(A)	TOBYHANNA ARMY DEPOT	1.07
(AF)	MINOT AIR FORCE BASE	1.09	(N)	WARMINSTER	1.08
			(H)	WILLOW GROVE	1.08

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<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>
<b>RHODE ISLAND</b>		<b>1.03</b>	<b>TEXAS</b>		<b>0.81</b>
	NEWPORT	1.04		SAN ANGELO	0.81
	PROVIDENCE	1.03		SAN ANTONIO	0.82
<b>SOUTH CAROLINA</b>		<b>0.88</b>	(AF)	BROOKS AIR FORCE BASE	0.90
	CHARLESTON	0.92	(A)	CAMP BULLIS	0.90
	COLUMBIA	0.83	(N)	CORPUS CHRISTI AREA	0.90
(N)	BEAUFORT AREA	1.05	(N)	DALLAS	0.90
(AF)	CHARLESTON AIR FORCE BASE	0.94	(AF)	DYESS AIR FORCE BASE	0.97
(A)	FORT JACKSON	0.83	(A)	FORT BLISS	0.92
(AF)	SHAW AIR FORCE BASE	0.83	(A)	FORT HOOD	0.85
<b>SOUTH DAKOTA</b>		<b>0.94</b>	(A)	FORT SAM HOUSTON	0.90
	RAPID CITY	0.93	(H)	FORT WORTH	0.90
	SIOUX FALLS	0.94	(AF)	GOODFELLOW AIR FORCE BASE	0.90
(AF)	ELLSWORTH AIR FORCE BASE	0.93	(N)	INGLESIDE NAVAL STATION	0.94
<b>TENNESSEE</b>		<b>0.87</b>	(AF)	KELLY AIR FORCE BASE	0.90
	CHATTANOOGA	0.82	(N)	KINGSVILLE AREA	0.91
	MEMPHIS	0.92	(AF)	LACKLAND AIR FORCE BASE	0.90
(AF)	ARNOLD AIR FORCE BASE	0.89	(AF)	LAUGHLIN AIR FORCE BASE	0.87
(N)	MEMPHIS NAVAL AIR STATION	1.00	(A)	LONE STAR ARMY AMMO PLANT	0.89
(A)	VOLUNTEER ORDINANCE WORKS	0.82	(A)	LONGHORN ARMY AMMO PLANT	0.81
			(AF)	RANDOLPH AIR FORCE BASE	0.90
			(A)	RED RIVER ARMY DEPOT	0.89
			(AF)	REESE AIR FORCE BASE	0.88
			(AF)	SHEPPARD AIR FORCE BASE	0.93
			<b>UTAH</b>		<b>1.01</b>
				OGDEN	1.00
				SALT LAKE CITY	1.02
			(A)	DUGWAY PROVING GROUND	1.05
			(A)	FORT DOUGLAS	1.02
			(AF)	HILL AIR FORCE BASE	1.00
			(A)	TOOELE ARMY DEPOT	1.05

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<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>STATE</u>	<u>LOCATION</u>	<u>ACF INDEX</u>
<b>VERMONT</b>		<b>1.01</b>	<b>WASHINGTON</b>		<b>1.04</b>
	BURLINGTON	1.02		SPOKANE	1.02
	MONTPELIER	1.00		TACOMA	1.06
			(H)	BANGOR	1.20
<b>VIRGINIA</b>		<b>0.92</b>	(N)	BREMERTON	1.20
	NORFOLK	0.94	(N)	EVERETT	1.11
	RICHMOND	0.90	(AF)	FAIRCHILD AIR FORCE BASE	1.02
(H)	CAMP PEARY	0.94	(A)	FORT LEWIS	1.06
(H)	CHESAPEAKE	0.94	(N)	INDIAN HEAD	1.20
(A)	DAHLGREN	0.98	(AF)	MCCHORD AIR FORCE BASE	1.06
(A)	FORT A. P. HILL	0.98	(N)	SILVERDALE	1.19
(A)	FORT BELVOIR	1.02	(N)	WHIDBEY ISLAND	1.27
(A)	FORT EUSTIS	0.94	(A)	YAKIMA FIRING RANGE	1.08
(A)	FORT LEE	0.94			
(A)	FORT MONROE	0.94	<b>WEST VIRGINIA</b>		<b>0.96</b>
(A)	FORT MYER	1.02		BLUEFIELD	0.94
(A)	FORT PICKETT	0.94		CHARLESTON	0.97
(A)	FORT STORY	0.94	(N)	SUGAR GROVE	1.41
(AF)	LANGLEY AIR FORCE BASE	0.94			
(N)	QUANTICO	0.98	<b>WISCONSIN</b>		<b>1.08</b>
(A)	RADFORD ARMY AMMO PLANT	0.94		MADISON	1.07
(A)	VINT HILL FARMS	0.94		MILWAUKEE	1.08
(N)	WALLOPS ISLAND	1.12	(A)	BADGER ARMY AMMO PLANT	1.14
(H)	YORKTOWN	0.94	(A)	FORT MCCOY	1.16
<b>WASHINGTON DC</b>		<b>1.02</b>	<b>WYOMING</b>		<b>0.97</b>
(AF)	BOLLING AIR FORCE BASE	1.02		CASPER	0.94
(A)	FORT MCNAIR	1.02		CHEYENNE	1.00
(A)	WALTER REED ARMY MEDICAL CENTER	1.02	(AF)	F E WARREN AIR FORCE BASE	1.00

PART II – OCONUS LOCATIONS

<u>NATION LOCATION</u>	<u>ACF INDEX</u>	<u>CURRENCY EXCHANGE</u>	<u>REMARKS</u>	<u>NATION</u>	<u>LOCATION</u>	<u>ACF INDEX</u>	<u>CURRENCY EXCHANGE</u>	<u>REMARKS</u>
<b>AFGHANISTAN</b>	<b>1.50</b>	47.00	AFGHANI/US\$	<b>DIEGO GARCIA</b>		<b>2.56</b>	1.00	US \$
<b>ANTIGUA</b>	<b>1.90</b>	2.70	ANTIGUA \$/US \$		DIEGO GARCIA	2.56		
<b>AUSTRALIA</b>	<b>1.30</b>	1.92	AUSTRALIAN \$/US \$	<b>EGYPT</b>		<b>1.30</b>	4.63	POUND/US \$
DARWIN	1.52				CAIRO	1.30		
PERTH	1.16			<b>GERMANY</b>		<b>1.22</b>	0.942	EURO/US \$
SYDNEY	1.13				FRANKFURT	1.19		
WOOMERA AS	1.38				KAISERSLAUTERN	1.22		
<b>AZORES</b>	<b>1.40</b>	198.83	PORT. ESCUDO/US \$		SPANGDALHEM	1.23		
LAJES	1.40				TRIER	1.25		
<b>BAHAMAS</b>	<b>1.69</b>	1.00	BAHAMIAN \$/US \$	<b>GREECE</b>		<b>1.32</b>	0.942	EURO/US \$
ANDROS ISLAND					ATHENS	1.32		
<b>BAHRAIN</b>	<b>1.10</b>	0.38	BAHRAIN DINAR/US \$	<b>GREENLAND</b>		<b>2.97</b>	7.39	DANISH KRONE/US \$
<b>BELGIUM</b>	<b>1.21</b>	0.942	EURO/US \$		THULE	2.97		
BRUSSELS	1.21			<b>GUAM</b>		<b>2.02</b>	1.00	US \$
<b>BERMUDA</b>	<b>1.55</b>	1.00	BERMUDA \$/US \$		GUAM	2.02		
<b>CAMBODIA</b>	<b>1.60</b>	3,810.00	RIEL/US \$	<b>ICELAND</b>		<b>2.12</b>	73.33	KRONA/US \$
PHNOM PENH	1.60				REYKJAVIK	2.12		
<b>CANADA</b>	<b>1.29</b>	1.58	CANADIAN \$/US \$	<b>INDIA</b>		<b>1.60</b>	48.64	INDIAN RUPI/US \$
ARGENTIA/ NEWFOUNDLANE	1.29				NEW DELHI	1.60		
<b>CHINA</b>	<b>1.58</b>	8.28	CHINESE YUAN/US \$	<b>INDONESIA</b>		<b>1.21</b>	10,185.00	INDONISIAN RUPHIAH/US \$
HONG KONG	1.58				JAKARTA	1.21		
<b>CRETE</b>	<b>1.22</b>	361.4	DRACHMA/US \$	<b>IRAQ</b>		<b>1.71</b>	31	DINAR/US \$
SOUDA BAY	1.22			<b>ISRAEL</b>		<b>1.32</b>	4.62	NEW SHEKELS/US \$
<b>CUBA</b>	<b>1.29</b>	1.00	US \$					
GUANTANAMO	1.29							

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<u>NATION</u>	<u>LOCATION</u>	<u>ACF</u> <u>INDEX</u>	<u>CURRENCY</u> <u>EXCHANGE</u>	<u>REMARKS</u>	<u>NATION</u>	<u>LOCATION</u>	<u>ACF</u> <u>INDEX</u>	<u>CURRENCY</u> <u>EXCHANGE</u>	<u>REMARKS</u>
<b>ITALY</b>		<b>1.22</b>	0.942	EURO/US \$	<b>KUWAIT</b>		<b>1.23</b>	0.31	DINAR/US \$
	AVIANO	1.26			<b>KWAJALEIN</b>		<b>2.29</b>	1.00	US \$
	GAETA	1.18			<b>MIDWAY ISLAND</b>		<b>2.21</b>	1.00	US \$
	ISOLA DI CAPO RIZZUTC	1.25			<b>MOROCCO</b>		<b>1.04</b>	10.22	DIRHAM/US \$
	LA MADDALENA	1.28				CASABLANCA	1.04		
	NAPLES	1.18			<b>NETHERLANDS</b>		<b>1.27</b>	2.22	GUILDER/US \$
	SIGONELLA	1.15				OSS	1.27		
<b>JAPAN</b>		<b>1.62</b>	118.61	YEN/US \$	<b>NEW ZEALAND</b>		<b>1.68</b>	2.37	NEW ZEALAND \$/US \$
	ATSUGI	1.66				WELLINGTON	1.68		
	IWAKUNI	1.59			<b>NORWAY</b>		<b>1.48</b>	7.58	KRONER/US \$
	MISAWA	1.68				OSLO	1.48		
	OKINAWA	1.52			<b>OMAN</b>		<b>1.12</b>	0.385	RILOMANI/US \$
	TOKYO	1.64				RUWI	1.12		
	YOKOSUKA	1.64			<b>PANAMA</b>		<b>1.20</b>	1.00	US \$
<b>JOHNSTON ATOLL</b>		<b>2.21</b>	1.00	US \$		PANAMA CITY	1.20		
<b>KOREA</b>		<b>1.07</b>	1,216.00	WON/US \$	<b>PHILIPPINES</b>		<b>0.73</b>	53.00	PHILIPPINE PESO/US \$
	CHINHAЕ	1.06				MANILLA	0.72		
	CHUNCHON	1.03				SUBIC BAY	0.73		
	DMZ ZONE AREA	1.20			<b>PORTUGAL</b>		<b>1.24</b>	0.942	EURO/US \$
	KUNSAN	1.12				LISBON	1.24		
	OSAN	1.11			<b>PUERTO RICO</b>		<b>1.36</b>	1.00	US \$
	POHANG	1.04				ROOSEVELT ROADS	1.36		
	POHANG	1.04				SAN JUAN	1.36		
	PUSAN	1.04			<b>QATAR</b>		<b>1.24</b>	3.75	RIYAL/US \$
	PYONGTAEK	1.04							
	SEOUL	1.03							
	TAEGU	1.12							
	TONGDUCHON	1.04							
	WONJU	1.04							

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<b><u>NATION LOCATION</u></b>	<b><u>ACF INDEX</u></b>	<b><u>CURRENCY EXCHANGE</u></b>	<b><u>REMARKS</u></b>	<b><u>NATION</u></b>	<b><u>LOCATION</u></b>	<b><u>ACF INDEX</u></b>	<b><u>CURRENCY EXCHANGE</u></b>	<b><u>REMARKS</u></b>
<b>SAUDI ARABIA</b>	<b>1.14</b>	3.75	RIYAL/US \$					
RIYADH	1.14							
<b>SEYCHELLES ISLAND</b>	<b>1.92</b>	1.00	US \$					
<b>SPAIN</b>	<b>1.28</b>	0.942	EURO/US \$					
ROTA	1.28							
<b>THAILAND</b>	<b>1.09</b>	43.99	BAHT/US \$					
BANGKOK	1.09							
CHANG MAI	1.09							
CHANG RAI	1.09							
KHANCHANA BURI	1.09							
KORAT	1.09							
PATTAYA	1.09							
PHITSANULOK	1.09							
<b>TURKEY</b>	<b>0.90</b>	1,501,619	TURKEY LIRE/US \$					
ANKARA	0.91							
INCIRLICK	0.90							
<b>UNITED ARAB EMIRATES</b>	<b>1.14</b>	3.75	RIYAL/US \$					
DUBAI	1.14							
<b>UNITED KINGDOM</b>	<b>1.21</b>	0.634	BRITISH POUND/US \$					
FAIRFORD/CROUGHTON	1.20							
LAKENHEATH	1.20							
MENWITH HILL	1.20							
MILDENHALI	1.20							
ST. MAWGAN	1.22							
WEST RUISLIP	1.30							