Combat Results Table							(results are lost steps ~ Attacker/Defender)									
Die											,					Die
Roll	≤ –7	-6	-5	-4	-3	-2	-1	Even	+1	+2	+3	+4	+5	+6	≥+7	Roll
≤1	5/1	4/0	4/0	3/0	3/0	3/1	2/0	2/1	2/1	2/1	2/1	2/1	0/0	1/0	1/1	≤1
2	4/0	4/0	3/0	3/0	3/1	2/0	2/1	1/0	1/0	1/0	0/0	0/0	1/0	1/1	1/1	2
3	4/0	3/0	3/0	3/1	2/0	2/1	1/0	1/0	1/0	1/0	1/0	1/0	1/1	1/1	0/1	3
4	3/0	3/0	3/1	2/0	2/1	1/0	1/0	0/1	1/0	0/0	1/1	1/1	1/1	0/1	1/2	4
5	3/0	3/1	2/0	2/1	1/0	1/0	1/1	1/1	0/0	1/1	1/1	1/1	0/1	1/2	0/2	5
6	3/1	2/0	2/1	1/0	1/1	1/0	1/1	0/0	1/1	1/1	1/1	0/1	1/2	0/2	0/3	6
7	2/0	2/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1	0/1	1/2	0/2	0/3	0/3	7
8	1/0	1/1	1/1	1/1	1/1	1/1	1/0	1/1	0/1	0/1	0/1	0/2	1/3	0/3	1/4	8
9	2/1	1/1	1/1	1/1	0/1	0/1	1/1	0/1	0/1	1/2	1/2	1/3	1/3	1/4	0/4	9
≥ 10	1/1	1/1	1/1	0/1	1/1	1/1	0/1	0/1	1/2	0/2	0/2	0/3	0/3	0/4	0/5	≥ 10

Naval and Air Combat Table Die Roll ≤ -4+3 Even ≥+4 1 _ _ 2 Α Α 3-4Α Α Hit 5-6 Α Α A Hit Hit 7-8 Α Α Α Hit Hit Hit 9 A A Α Α Hit Hit Hit Hit 10 Hit Hit Hit Hit Hit Hit Hit Hit Hit

Total Combat Strength

Unit Strength(s)...

- + Technology Level Bonus (army only)*
- + Headquarters
- + Terrain (Defender only)
- + Flank Bonus
- -2 for Amphibious Invasions
- -3 if OoS (stack, not per unit)
- *: Does not apply if OoS (7.3) Also, see Soviet First Winter Effects (17.13.2)

Terrain Effects	Chart		Clear		Snow		Mud	
Terrain	Depiction	Move	Combat	Move	Combat	Move	Combat	
Air Zone Boundary		N/A	N/A	N/A	N/A	N/A	N/A	
Capital / City*		1	+1	1	+1	2	+2	
Clear		1	NE	1	+1	2	+2	
Desert		1	NE	1	NE	1	NE	
Forest		2	+1	2	+2	2	+3	
Fort*	②,,,	1	+2	1	+2	2	+2	
Lake	Lair	P	Р	P	P	P	P	
Marsh		2	+2	2	NE	3	+4	
Mountain		2	+2	3	+2	3	+4	
National Border		N/A	N/A	N/A	N/A	N/A	N/A	
Naval Zone Border	r	N/A	N/A	N/A	N/A	N/A	N/A	
Port / Port (Dual Zone)*			Treat as	a City f	or all pu	rposes		
Prohibited Hex		P	Р	P	P	P	P	
Rail (Army)		1	OT	1	OT	OT	OT	
Rail (Corps)		1/2	OT	1/2	OT	1	OT	
River	Mannage	+1	+1	+1	+1	+2	+2	
River (North)	- Laker	+1	+1	NE	NE	+2	+2	
Strait	100	Full MP	+3	Full MF	+3	P	P	
Key: $N/A = Not Applicab$	le NE =	No Effect	0	T = Use O	ther Terrair	in hex		

NE = No EffectOT = Use Other Terrain in hex +# (Combat column) = Ground strength added to defender

P = Prohibited

Additional Weather Effects

Snow (ignore in Desert hexes): Supply Range: -1.

Combat DRM: -1.

Airborne Assaults: Not Allowed.

Ground Support: Reduce surviving air units per side by one.

Strategic Bombing: Reduce surviving Bombers by one and -1 to each result.

Amphibious Invasion/Reteat: In N. Atlantic, N. Sea or Baltic Sea: no Retreats; Invasions only allowed into an unoccupied Port or City hex.

Mud (ignore in Desert hexes): **Supply Range:** –2 (or adjacent to a rail).

Combat DRM: -2. Airborne Assaults: Not Allowed

Ground Support: Reduce surviving air units per side to one-half (round down).

Strategic Bombing: Reduce surviving Bombers to one-half and halve each roll (round down both).

Amphibious Invasion/Reteat: In N. Atlantic, N. Sea or Baltic Sea: no Retreats; Invasions only allowed into an unoccupied Port or City hex.

Notes

National Border: Strictly for political purposes.

River: Negated by Rail line for Movement purposes (only).

River (North): Winter freeze in USSR, Finland, Sweden, Norway, Baltic States.

Small dotted lines are Annexation borders, are for political purposes only and have no movement or combat effects.

^{*:} Replaces Move cost of other terrain in hex, but Combat effects are cumulative with other terrain in hex

Unit Cost Chart Return Technology Level Time **Unit Type** Tech 0 Tech 2 Tech 3 Tech 4 Tech 5 Tech 1 in Turns 40 45 Infantry, Cav Corps 30 35 50 55 3 **Infantry Army** 70 Tank Corps 45 50 55 60 65 Tank/Mechanized Army 4 **Airborne Corps** 45 50 55 60 65 70 3 Fighter wing 75 85 95 105 115 125 3 **Bomber wing** 125 130 135 140 145 4 120 **Surface Fleet** 150 170 190 160 180 200 6 **Submarine Fleet** 90 100 110 120 130 140 3 **Partisan** 5(+15)HQ 2 185 **Technology** 150 160 175 200 45 Flak **Fort** 50 2

50 (beginning of turn) / 0 (end of turn)

5 each

5, +10 MSP per DRM (up to -5)

Unit Build Chart

Diplomacy

Strategic Movement

DOW

Unit Type	1st Step	2nd Step	3rd Step	
Infantry Army	Inf	Inf	Inf	
Tank Army	Inf	Tank	Tank	
Mechanized Army	Inf	Inf	Tank	
HQ	Inf	Inf	Any*	
Allied 15th, 21st HQ**	UK or US Inf	US or UK Inf	Any*	
UK 2-0 HQ***	Inf	Inf	-	
Canadian Army****	Can Inf	CW Inf	Can Tank	
Panzer Armee Afrika	Ger Inf	It Inf	Ger or It Tank	
Fort	Inf	Inf	-	

- * The 3rd step may be of any type: Inf, Tank or Cav.
- ** First two steps must be one each of a US & UK Inf; 3rd step can be any US or UK type.
- *** This HQ only has two steps.
- **** The 2nd step may be from any CW nationality.

Base M	ISP Inco	Annual MSP Increase			
	Strategic Moves	Base MSP	1940	1941	1942
Germany	5	90+10	+0	+0	+0
Italy	1939: 1 1942: 2	30	+15	+0	+0
U.K.	2	70	+0	+0	+0
France	1	55	+0	+0	+0
U.S.S.R.	3	40	+0	+100	+50
U.S.A.	3	0	-	-	+240*

^{*} The U.S.A. does not gain MSP until they are Active (i.e., turn 23).



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Soviet Annexation Table

Die Roll	Losses (in Corps)				
1-3	-				
4-7	1				
8-10	2				

Murmansk Convoy Table

North Sea only: # of Axis Subs - # of Allied Surface Fleets

Die Roll	≤1	2	3
1-2	-	-1	-2
3-4	- 1	- 2	- 3
5-6	- 2	- 3	- 5
7-8	- 3	-4	- 6
9	-3	- 5	- 7
10	-4	- 7	-10

Convoy Intercept Chart

Number of Intercepting Naval Fleets

Die Roll	1	2	3	≥4
1-2	-	-	-	-
3-4	-	-	-	1
5-6	-	1	1	1
7-8	1	1	2	2
9-10	1	2	2	2

Partisan Table

Number of Adjacent Enemy Units

Die Roll	0	1	2+
1-3	-	-	-
4-6	Place	-	-
7-8	Place	Place	-
9-10	Place	Place	Place