

# GLOBAL WAR

## Axis Research Record Sheet (1a)

Axis RPs									
	Code	1935	1936	1937	1938	1939	1940	Min.	Max.
<b>Air</b>								8+	
Nationality DRM (A)						-2		10+	
<i>Jets (G)</i>								9	12+
<i>Air Range (G)</i>								10+	
Strategic Bombers (G)								9+	
Air Defense (A)								7+	
Air Production (A)	2,3,4,5...								
Strategic Bombers (G)	2,3,4,5...								
Air Transports (G)	3,4,5,6...								
Airbases (G,I)	1,1 (1/turn)								
<b>Naval</b>								8+	
Nationality DRM (A)						-2		10+	
<i>ASW Technology (A)</i>								6-7	8+
Torpedoes (G,I)								7+	
<i>Advanced Subs (G)</i>								9	14+
Harbor Attack (A)								6	8+
Submarine FP (G,I)	1...								
Naval Air Train. (G,I)	3,4,5,6								
Shipbuilding (G,I)	2,3,4								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3

## Axis Research Record Sheet (1b)

	Code	1935	1936	1937	1938	1939	1940	Min.	Max.
<b>Military</b>								8+	
Training (A)						-2		10+	
<b>Rockets (G)</b>								9	12+
Military Production (A)	2,3,4,5...								
Specialized Units (A)	2,3,4,5...								
Fortifications (G,I)	1 (1/turn)								
Railheads (G,I)	2 (1/turn)								
Synthetic Oil Plants (G)	5,5								
Winter Preparation (A)	3								
<b>Atomic</b>								8+	
<b>Radar</b>								10+	
<b>Controlled Reaction</b>								8+	
<b>Uranium Separation</b>								8	12+
<b>Plutonium Production</b>								8	11+
<b>Atomic Bomb(G)</b>								4-6	7+
<b>Uranium Plants (G)</b>	8								
<b>Pluton. Reactors (G)</b>	6								
<b>Intelligence</b>								8+	
Counter-intelligence (G)								5+	
Covert Operations (G)								5+	
Espionage (G)								6+	
Ultra (G)	3								
Occupation Policies (G)	4,5,6								
Moslem Unrest (G)	2,3								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3

# GLOBAL WAR

## Axis Research Record Sheet (2a)

Axis RPs									
	Code	1941	1942	1943	1944	1945	1946	Min.	Max.
<b>Air</b>								8+	
Nationality DRM (A)								10+	
<i>Jets (G)</i>								9	12+
<i>Air Range (G)</i>								10+	
Strategic Bombers (G)								9+	
Air Defense (A)								7+	
Air Production (A)	2,3,4,5...								
Strategic Bombers (G)	2,3,4,5...								
Air Transports (G)	3,4,5,6...								
Airbases (G,I)	1,1 (1/turn)								
<b>Naval</b>								8+	
Nationality DRM (A)								10+	
<i>ASW Technology (A)</i>								6-7	8+
Torpedoes (G,I)								7+	
<i>Advanced Subs (G)</i>								9	14+
Harbor Attack (A)								6	8+
Submarine FP (G,I)	1...								
Naval Air Train. (G,I)	3,4,5,6								
Shipbuilding (G,I)	2,3,4								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3

## Axis Research Record Sheet (2b)

	Code	1941	1942	1943	1944	1945	1946	Min.	Max.
<b>Military</b>								8+	
Training (A)								10+	
<i>Rockets (G)</i>								9	12+
Military Production (A)	2,3,4,5...								
Specialized Units (A)	2,3,4,5...								
Fortifications (G,I)	1 (1/turn)								
Railheads (G,I)	2 (1/turn)								
Synthetic Oil Plants (G)	5,5								
Winter Preparation (A)	3								
<b>Atomic</b>								8+	
<i>Radar</i>								10+	
<i>Controlled Reaction</i>								8+	
<i>Uranium Separation</i>								8	12+
<i>Plutonium Production</i>								8	11+
<i>Atomic Bomb(G)</i>								4-6	7+
<i>Uranium Plants (G)</i>	8								
<i>Pluton. Reactors (G)</i>	6								
<b>Intelligence</b>								8+	
Counter-intelligence (G)								5+	
Covert Operations (G)								5+	
Espionage (G)								6+	
Ultra (G)	3								
Occupation Policies (G)	4,5,6								
Moslem Unrest (G)	2,3								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3





# GLOBAL WAR

## Western Allied Research Record Sheet (1a)

Western Allied RPs									
	Code	1935	1936	1937	1938	1939	1940	Min.	Max.
<b>Air</b>								8+	
Nationality DRM ( <i>All</i> )						-2		10+	
<i>Jets (B,US)</i>								9	12+
<i>Air Range (B,US)</i>								10+	
Strategic Bombers ( <i>All</i> )								9+	
Air Defense ( <i>All</i> )								7+	
Air Production ( <i>B,US</i> )	2,3,4,5...								
Str. B. Europe ( <i>B,US</i> )	2,3,4,5...								
Str. B. Pacific ( <i>US</i> )	2,3,4,5...								
Air Transports ( <i>B,US</i> )	3,4,5,6...								
Airbases ( <i>B,US</i> )	1,1 (1/turn)								
<b>Naval</b>								8+	
Nationality DRM ( <i>All</i> )						-2		10+	
<i>ASW Tech. (B,US)</i>								6-7	8+
Torpedoes ( <i>B,US</i> )								7+	
Harbor Attack ( <i>B, US</i> )								6	8+
Submarine FP ( <i>B,US</i> )	1...								
ASW FP ( <i>B,US</i> )	2,3,4,5...								
Transport FP ( <i>All</i> )	1...								
Naval Air Train. ( <i>B,US</i> )	3,4,5,6								
Shipbuilding ( <i>All</i> )	2,3,4,5								
Ports ( <i>US</i> )	3,3 (1/turn)								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3

## Western Allied Research Record Sheet (1b)

	Code	1935	1936	1937	1938	1939	1940	Min.	Max.
<b>Military</b>								8+	
Training ( <i>All</i> )						-1		10+	
<b>Rockets (US)</b>								9	12+
Military Prod. ( <i>All</i> )	2,3,4,5...								
Specialized Units ( <i>All</i> )	2,3,4,5...								
Fortifications ( <i>B, US</i> )	1 (1/turn)								
Railheads ( <i>B, US</i> )	2 (1/turn)								
Winter Preparation ( <i>All</i> )	3								
<b>Atomic</b>								8+	
<b>Radar</b>								10+	
<b>Controlled Reaction</b>								8+	
<b>Uranium Separation</b>								8	12+
<b>Plutonium Production</b>								8	11+
<b>Atomic Bomb(US)</b>								4-6	7+
<b>Uranium Plants (US)</b>	8								
<b>Pluton. Reactors (US)</b>	6								
<b>Intelligence</b>								8+	
Counter-intelligence ( <i>B</i> )								5+	
Covert Operations ( <i>B</i> )								5+	
Espionage ( <i>B</i> )								6+	
Anglo-French Co. ( <i>B</i> )								4-5	7+
Ultra ( <i>B</i> )	3								
Magic ( <i>US</i> )	3								
Partisans ( <i>B</i> )	2,3								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3



# GLOBAL WAR

## Western Allied Research Record Sheet (2a)

Western Allied RPs									
	Code	1941	1942	1943	1944	1945	1946	Min.	Max.
<b>Air</b>								8+	
Nationality DRM ( <i>All</i> )								10+	
<i>Jets (B,US)</i>								9	12+
<i>Air Range (B,US)</i>								10+	
Strategic Bombers ( <i>All</i> )								9+	
Air Defense ( <i>All</i> )								7+	
Air Production ( <i>B,US</i> )	2,3,4,5...								
Str. B. Europe ( <i>B,US</i> )	2,3,4,5...								
Str. B. Pacific ( <i>US</i> )	2,3,4,5...								
Air Transports ( <i>B,US</i> )	3,4,5,6...								
Airbases ( <i>B,US</i> )	1,1 (1/turn)								
<b>Naval</b>								8+	
Nationality DRM ( <i>All</i> )								10+	
<i>ASW Tech. (B,US)</i>								6-7	8+
Torpedoes ( <i>B,US</i> )								7+	
Harbor Attack ( <i>B, US</i> )								6	8+
Submarine FP ( <i>B,US</i> )	1...								
ASW FP ( <i>B,US</i> )	2,3,4,5...								
Transport FP ( <i>All</i> )	1...								
Naval Air Train. ( <i>B,US</i> )	3,4,5,6								
Shipbuilding ( <i>All</i> )	2,3,4,5								
Ports ( <i>US</i> )	3,3 (1/turn)								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3

## Western Allied Research Record Sheet (2b)

	Code	1941	1942	1943	1944	1945	1946	Min.	Max.
<b>Military</b>								8+	
Training ( <i>All</i> )								10+	
<b>Rockets (US)</b>								9	12+
Military Prod. ( <i>All</i> )	2,3,4,5...								
Specialized Units ( <i>All</i> )	2,3,4,5...								
Fortifications ( <i>B,US</i> )	1 (1/turn)								
Railheads ( <i>B,US</i> )	2 (1/turn)								
Winter Preparation ( <i>All</i> )	3								
<b>Atomic</b>								8+	
<b>Radar</b>								10+	
<b>Controlled Reaction</b>								8+	
<b>Uranium Separation</b>								8	12+
<b>Plutonium Production</b>								8	11+
<b>Atomic Bomb(US)</b>								4-6	7+
<b>Uranium Plants (US)</b>	8								
<b>Pluton. Reactors (US)</b>	6								
<b>Intelligence</b>								8+	
Counter-intelligence ( <i>B</i> )								5+	
Covert Operations ( <i>B</i> )								5+	
Espionage ( <i>B</i> )								6+	
Anglo-French Co. ( <i>B</i> )								4-5	7+
Ultra ( <i>B</i> )	3								
Magic ( <i>US</i> )	3								
Partisans ( <i>B</i> )	2,3								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3

# GLOBAL WAR

## Russian Research Record Sheet (1a)

Russian RPs									
	Code	1935	1936	1937	1938	1939	1940	Min.	Max.
<b>Air</b>								8+	
Nationality DRM						-1		10+	
<b>Jets</b>								9	12+
<b>Air Range</b>								10+	
Strategic Bombers								9+	
Air Defense								7+	
Air Production	2,3,4,5...								
Strategic Bombers	2,3,4,5...								
Air Transports	3,4,5,6...								
Airbases	1,1 (1/turn)								
<b>Military</b>								8+	
Training						-1		10+	
<b>Rockets</b>								9	12+
Military Production	2,3,4,5...								
Specialized Units	2,3,4,5...								
Shock Tactics	2,3								
Fortifications	1 (1/turn)								
Railheads	2 (1/turn)								
ICs	5,5								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3



# GLOBAL WAR

## Russian Research Record Sheet (2a)

Russian RPs		6							
	Code	1941	1942	1943	1944	1945	1946	Min.	Max.
<b>Air</b>								8+	
Nationality DRM								10+	
<b>Jets</b>								9	12+
<b>Air Range</b>								10+	
Strategic Bombers								9+	
Air Defense								7+	
Air Production	2,3,4,5...								
Strategic Bombers	2,3,4,5...								
Air Transports	3,4,5,6...								
Airbases	1,1 (1/turn)								
<b>Military</b>								8+	
Training								10+	
<b>Rockets</b>								9	12+
Military Production	2,3,4,5...								
Specialized Units	2,3,4,5...								
Shock Tactics	2,3								
Fortifications	1 (1/turn)								
Railheads	2 (1/turn)								
ICs	5,5								
<b>Notes</b>									
Production limits: 1936-41: one increment per year; 1942: two increments; 1943: three increments; and so on (42.16B).									

Breakthroughs	Production Costs			
<b>0</b>	1,2,3,4...	2,3,4,5...	3,4,5,6	4,5,6,7
<b>1</b>	1,1,2,3,4...	1,2,3,4,5...	2,3,4,5	3,4,5,6
<b>2</b>	1,1,1,2,3...	1,1,2,3,4...	1,2,3,4	2,3,4,5
<b>3</b>	1,1,1,1,2...	1,1,1,2,3...	1,1,2,3	1,2,3,4
<b>4</b>	1,1,1,1,1,2...	1,1,1,1,2...	1,1,1,2	1,1,2,3



