

GLOBAL WAR

Axis Research Record Sheet (1)

| Axis RPs | 10 | | | | | | | | | | |
|---|--------------|------|------|------|------|------|------|------|------|------|------|
| | Code | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | Min. | Max. |
| Air | | | | | | | | | | 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... | | | | | | | | | | |
| Naval Air Train. (G,I) | 3,4,5,6 | | | | | | | | | | |
| Airbases (G,I) | 1,1 (1/turn) | | | | | | | | | | |
| Naval | | | | | | | | | | 8+ | |
| Nationality DRM (A) | | -3 | | | | | | | | 10+ | |
| <i>ASW Technology (A)</i> | | | | | | | | | | 6-7 | 8+ |
| Torpedoes (G,I) | | | +2 | | | | | | | 7+ | |
| <i>Advanced Subs (G)</i> | | | | | | | | | | 9 | 14+ |
| Harbor Attack (A) | | | | | | | | | | 6 | 8+ |
| Submarine FP (G,I) | 1... | | | | | | | | | | |
| Shipbuilding (G,I) | 2,3,4 | | | | | | | | | | |
| Notes | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Results apply to: (A) = All Axis countries; (G,I) = both Germany and Italy; (G) = Germany only; (I) = Italy only. | | | | | | | | | | | |

| Breakthroughs | Production Costs | | | |
|---------------|------------------|--------------|---------|---------|
| 0 | 1,2,3,4... | 2,3,4,5... | 3,4,5,6 | 4,5,6,7 |
| 1 | 1,1,2,3,4... | 1,2,3,4,5... | 2,3,4,5 | 3,4,5,6 |
| 2 | 1,1,1,2,3... | 1,1,2,3,4... | 1,2,3,4 | 2,3,4,5 |
| 3 | 1,1,1,1,2... | 1,1,1,2,3... | 1,1,2,3 | 1,2,3,4 |
| 4 | 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 (2)

| | Code | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | Min. | Max. |
|-----------------------------|------------|------|------|------|------|------|------|------|------|------|------|
| Military | | | | | | | | | | 8+ | |
| Training (A) | | -2 | | | | | | | | 10+ | |
| Heavy Armor (G) | | | | | | | | | | 8+ | |
| Rockets (G) | | | | | | | | | | 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 | | | | | | | | | | |
| Atomic | | | | | | | | | | 8+ | |
| Radar | | | | | | | | | | 10+ | |
| Controlled Reaction | | | | | | | | | | 8+ | |
| Uranium Separation | | | | | | | | | | 8 | 12+ |
| Plutonium Production | | | | | | | | | | 8 | 11+ |
| Atomic Bomb(G) | | | | | | | | | | 4-6 | 7+ |
| Uranium Plants (G) | 8 | | | | | | | | | | |
| Pluton. Reactors (G) | 6 | | | | | | | | | | |
| Intelligence | | | | | | | | | | 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 | | | | | | | | | | |

| Breakthroughs | Production Costs | | | |
|---------------|------------------|--------------|---------|---------|
| 0 | 1,2,3,4... | 2,3,4,5... | 3,4,5,6 | 4,5,6,7 |
| 1 | 1,1,2,3,4... | 1,2,3,4,5... | 2,3,4,5 | 3,4,5,6 |
| 2 | 1,1,1,2,3... | 1,1,2,3,4... | 1,2,3,4 | 2,3,4,5 |
| 3 | 1,1,1,1,2... | 1,1,1,2,3... | 1,1,2,3 | 1,2,3,4 |
| 4 | 1,1,1,1,1,2... | 1,1,1,1,2... | 1,1,1,2 | 1,1,2,3 |

GLOBAL WAR

Japanese Research Record Sheet (1)

| Japanese RPs | | 6 | | | | | | | | | |
|-----------------------|--------------|------|------|------|------|------|------|------|------|------|------|
| | Code | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | Min. | Max. |
| Air | | | | | | | | | | 8+ | |
| Nationality DRM | | -2 | | | | | | | | 10+ | |
| Jets | | | | | | | | | | 9 | 12+ |
| Air Range | | +5 | | | | | | | | 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... | | | | | | | | | | |
| Naval Air Training | 3,4,5,6 | | | | | | | | | | |
| Airbases | 1,1 (1/turn) | | | | | | | | | | |
| Naval | | | | | | | | | | 8+ | |
| Nationality DRM | | -3 | | | | | | | | 10+ | |
| ASW Technology | | | | | | | | | | 6-7 | 8+ |
| Torpedoes | | | | | | | | | | 7+ | |
| Harbor Attack | | | | | | | | | | 6 | 8+ |
| Submarine FP | 1... | | | | | | | | | | |
| ASW FP | 2,3,4,5... | | | | | | | | | | |
| Transport FP | 1... | | | | | | | | | | |
| Shipbuilding | 2 | | | | | | | | | | |
| Ports | 3,3 (1/turn) | | | | | | | | | | |

| Breakthroughs | Production Costs | | | |
|---------------|------------------|--------------|---------|---------|
| 0 | 1,2,3,4... | 2,3,4,5... | 3,4,5,6 | 4,5,6,7 |
| 1 | 1,1,2,3,4... | 1,2,3,4,5... | 2,3,4,5 | 3,4,5,6 |
| 2 | 1,1,1,2,3... | 1,1,2,3,4... | 1,2,3,4 | 2,3,4,5 |
| 3 | 1,1,1,1,2... | 1,1,1,2,3... | 1,1,2,3 | 1,2,3,4 |
| 4 | 1,1,1,1,1,2... | 1,1,1,1,2... | 1,1,1,2 | 1,1,2,3 |

GLOBAL WAR

Japanese Research Record Sheet (2)

| | Code | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | Min. | Max. |
|----------------------|------------|------|------|------|------|------|------|------|------|------|------|
| Military | | | | | | | | | | 8+ | |
| Training | | -2 | | | | | | | | 10+ | |
| Rockets | | | | | | | | | | 9 | 12+ |
| Military Production | 2,3,4,5... | | | | | | | | | | |
| Specialized Units | 2,3,4,5... | | | | | | | | | | |
| Railheads | 2 (1/turn) | | | | | | | | | | |
| Winter Preparation | 3 | | | | | | | | | | |
| Atomic | | | | | | | | | | 8+ | |
| Radar | | | | | | | | | | 10+ | |
| Intelligence | | | | | | | | | | 8+ | |
| Counter-intelligence | | | | | | | | | | 5+ | |
| Espionage | | | | | | | | | | 6+ | |
| Magic | 3 | | | | | | | | | | |
| Chinese Occupation | 4 | | | | | | | | | | |
| Indian Subversion | 4 | | | | | | | | | | |
| Notes | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Breakthroughs | Production Costs | | | |
|---------------|------------------|--------------|---------|---------|
| 0 | 1,2,3,4... | 2,3,4,5... | 3,4,5,6 | 4,5,6,7 |
| 1 | 1,1,2,3,4... | 1,2,3,4,5... | 2,3,4,5 | 3,4,5,6 |
| 2 | 1,1,1,2,3... | 1,1,2,3,4... | 1,2,3,4 | 2,3,4,5 |
| 3 | 1,1,1,1,2... | 1,1,1,2,3... | 1,1,2,3 | 1,2,3,4 |
| 4 | 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 (1)

| Western Allied RPs | | 9 | | | | | | | | | |
|----------------------------------|--------------|------|------|------|------|------|------|------|------|------|------|
| | Code | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | Min. | Max. |
| Air | | | | | | | | | | 8+ | |
| Nationality DRM (<i>All</i>) | | -2 | | | | | | | | 10+ | |
| <i>Jets (B,US)</i> | | | | | | | | | | 9 | 12+ |
| <i>Air Range (B,US)</i> | | +3 | | | | | | | | 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... | | | | | | | | | | |
| Naval Air Tr. (<i>B,US</i>) | 3,4,5,6 | | | | | | | | | | |
| Airbases (<i>B,US</i>) | 1,1 (1/turn) | | | | | | | | | | |
| Naval | | | | | | | | | | 8+ | |
| Nationality DRM (<i>All</i>) | | -2 | | | | | | | | 10+ | |
| <i>ASW Tech. (B,US)</i> | | | +1 | | | | | | | 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... | | | | | | | | | | |
| Shipbuilding (<i>All</i>) | 2,3,4,5 | | | | | | | | | | |
| Ports (<i>US</i>) | 3,3 (1/turn) | | | | | | | | | | |

| Breakthroughs | Production Costs | | | |
|---------------|------------------|--------------|---------|---------|
| 0 | 1,2,3,4... | 2,3,4,5... | 3,4,5,6 | 4,5,6,7 |
| 1 | 1,1,2,3,4... | 1,2,3,4,5... | 2,3,4,5 | 3,4,5,6 |
| 2 | 1,1,1,2,3... | 1,1,2,3,4... | 1,2,3,4 | 2,3,4,5 |
| 3 | 1,1,1,1,2... | 1,1,1,2,3... | 1,1,2,3 | 1,2,3,4 |
| 4 | 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 (2)

| | Code | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | Min. | Max. |
|--|------------|------|------|------|------|------|------|------|------|------|------|
| Military | | | | | | | | | | 8+ | |
| Training (<i>All</i>) | | -1 | | | | | | | | 10+ | |
| Rockets (US) | | | | | | | | | | 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 | | | | | | | | | | |
| Atomic | | | | | | | | | | 8+ | |
| Radar | | +5 | | | | | | | | 10+ | |
| Controlled Reaction | | | | | | | | | | 8+ | |
| Uranium Separation | | | | | | | | | | 8 | 12+ |
| Plutonium Production | | | | | | | | | | 8 | 11+ |
| Atomic Bomb(US) | | | | | | | | | | 4-6 | 7+ |
| Uranium Plants (US) | 8 | | | | | | | | | | |
| Pluton. Reactors (US) | 6 | | | | | | | | | | |
| Intelligence | | | | | | | | | | 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 | | | | | | | | | | |
| Results apply to: (<i>All</i>) = All Western Allied countries; (<i>B,US</i>) = Britain, U.S. only; (<i>B</i>) = Britain only; (<i>US</i>) = U.S. only. | | | | | | | | | | | |

| Breakthroughs | Production Costs | | | |
|---------------|------------------|--------------|---------|---------|
| 0 | 1,2,3,4... | 2,3,4,5... | 3,4,5,6 | 4,5,6,7 |
| 1 | 1,1,2,3,4... | 1,2,3,4,5... | 2,3,4,5 | 3,4,5,6 |
| 2 | 1,1,1,2,3... | 1,1,2,3,4... | 1,2,3,4 | 2,3,4,5 |
| 3 | 1,1,1,1,2... | 1,1,1,2,3... | 1,1,2,3 | 1,2,3,4 |
| 4 | 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 (1)

| Russian RPs | | 6 | | | | | | | | | |
|---------------------|--------------|------|------|------|------|------|------|------|------|------|------|
| | Code | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | Min. | Max. |
| Air | | | | | | | | | | 8+ | |
| Nationality DRM | | -1 | | | | | | | | 10+ | |
| Jets | | | | | | | | | | 9 | 12+ |
| Air Range | | | | | | | | | | 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) | | | | | | | | | | |
| Military | | | | | | | | | | 8+ | |
| Training | | -1 | | | | | | | | 10+ | |
| Heavy Armor | | | | | | | | | | 8+ | |
| Rockets | | | | | | | | | | 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 | | | | | | | | | | |
| Notes | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Breakthroughs | Production Costs | | | |
|---------------|------------------|--------------|---------|---------|
| 0 | 1,2,3,4... | 2,3,4,5... | 3,4,5,6 | 4,5,6,7 |
| 1 | 1,1,2,3,4... | 1,2,3,4,5... | 2,3,4,5 | 3,4,5,6 |
| 2 | 1,1,1,2,3... | 1,1,2,3,4... | 1,2,3,4 | 2,3,4,5 |
| 3 | 1,1,1,1,2... | 1,1,1,2,3... | 1,1,2,3 | 1,2,3,4 |
| 4 | 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 (2)

| | Code | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | Min. | Max. |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Atomic | | | | | | | | | | 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</i> | | | | | | | | | | 4-6 | 7+ |
| <i>Uranium Plants</i> | 8 | | | | | | | | | | |
| <i>Pluton. Reactors</i> | 6 | | | | | | | | | | |
| Intelligence | | | | | | | | | | 8+ | |
| Counter-intelligence | | | | | | | | | | 5+ | |
| Covert Operations | | | | | | | | | | 5+ | |
| Espionage | | | | | | | | | | 6+ | |
| Subversion | | | | | | | | | | 3 | 7+ |
| Partisans | 2,3 | | | | | | | | | | |
| Notes | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Breakthroughs | Production Costs | | | |
|---------------|------------------|--------------|---------|---------|
| 0 | 1,2,3,4... | 2,3,4,5... | 3,4,5,6 | 4,5,6,7 |
| 1 | 1,1,2,3,4... | 1,2,3,4,5... | 2,3,4,5 | 3,4,5,6 |
| 2 | 1,1,1,2,3... | 1,1,2,3,4... | 1,2,3,4 | 2,3,4,5 |
| 3 | 1,1,1,1,2... | 1,1,1,2,3... | 1,1,2,3 | 1,2,3,4 |
| 4 | 1,1,1,1,1,2... | 1,1,1,1,2... | 1,1,1,2 | 1,1,2,3 |

Research Results

Axis: _____ Allies: _____ Date: _____

[illegible]

Research Results

Axis: _____ Allies: _____ Date: _____

[illegible]