

Figure 12.1 Tri-modal Distribution of Wealth (not to scale)

This is the global picture.

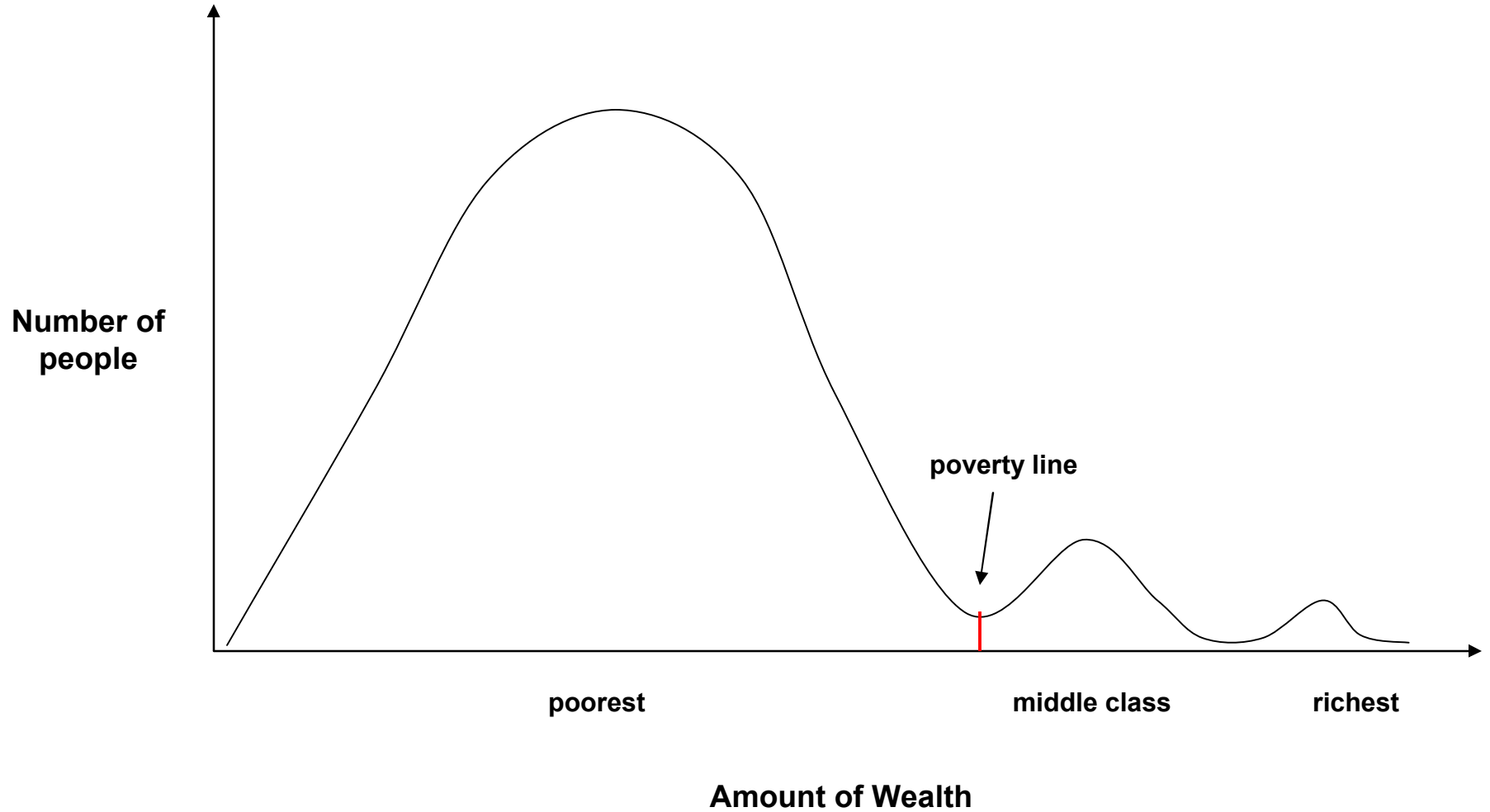


Figure 12.2 Skewed Normal Distribution of Wealth (not to scale)

This is the American picture.

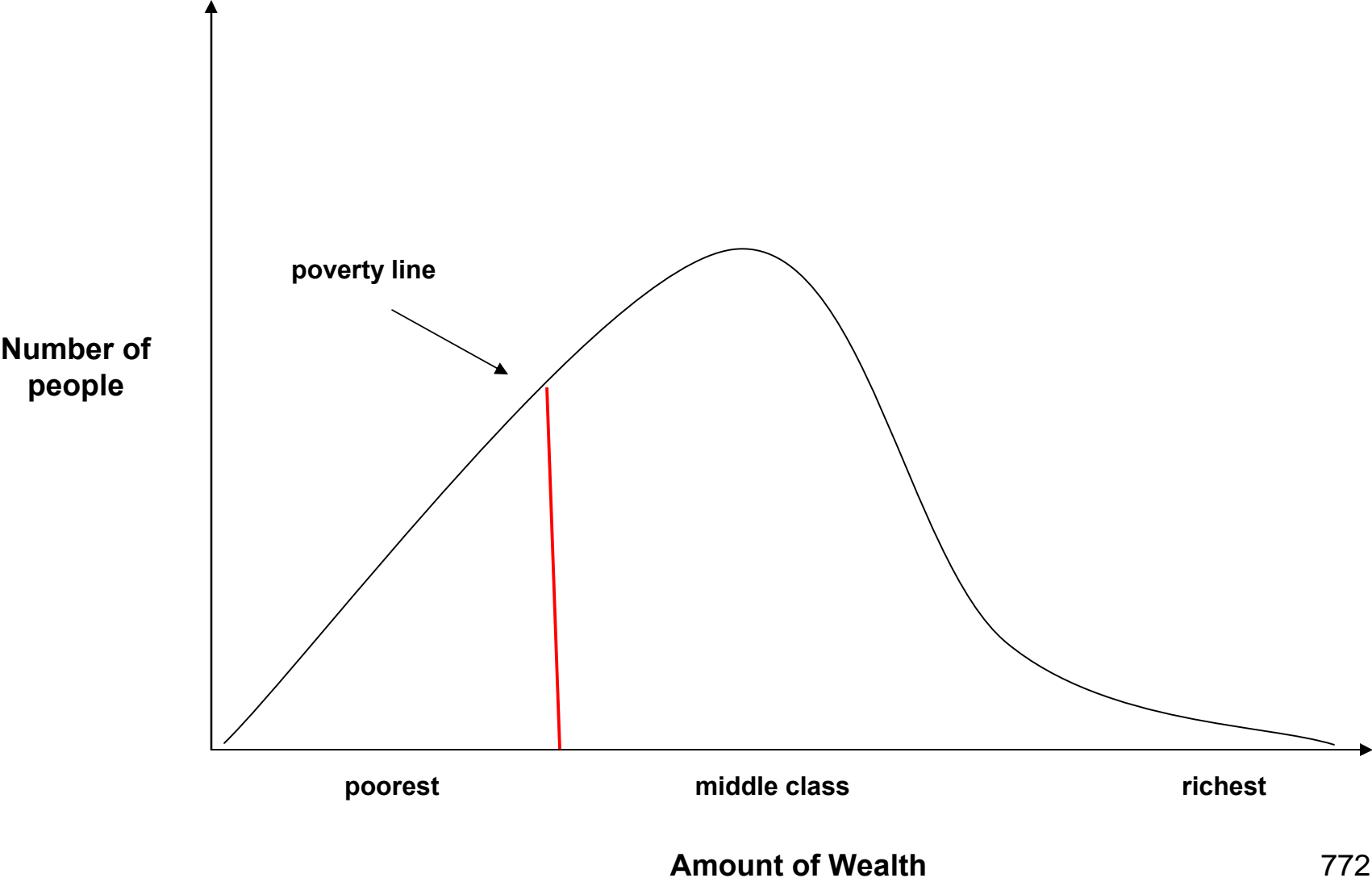
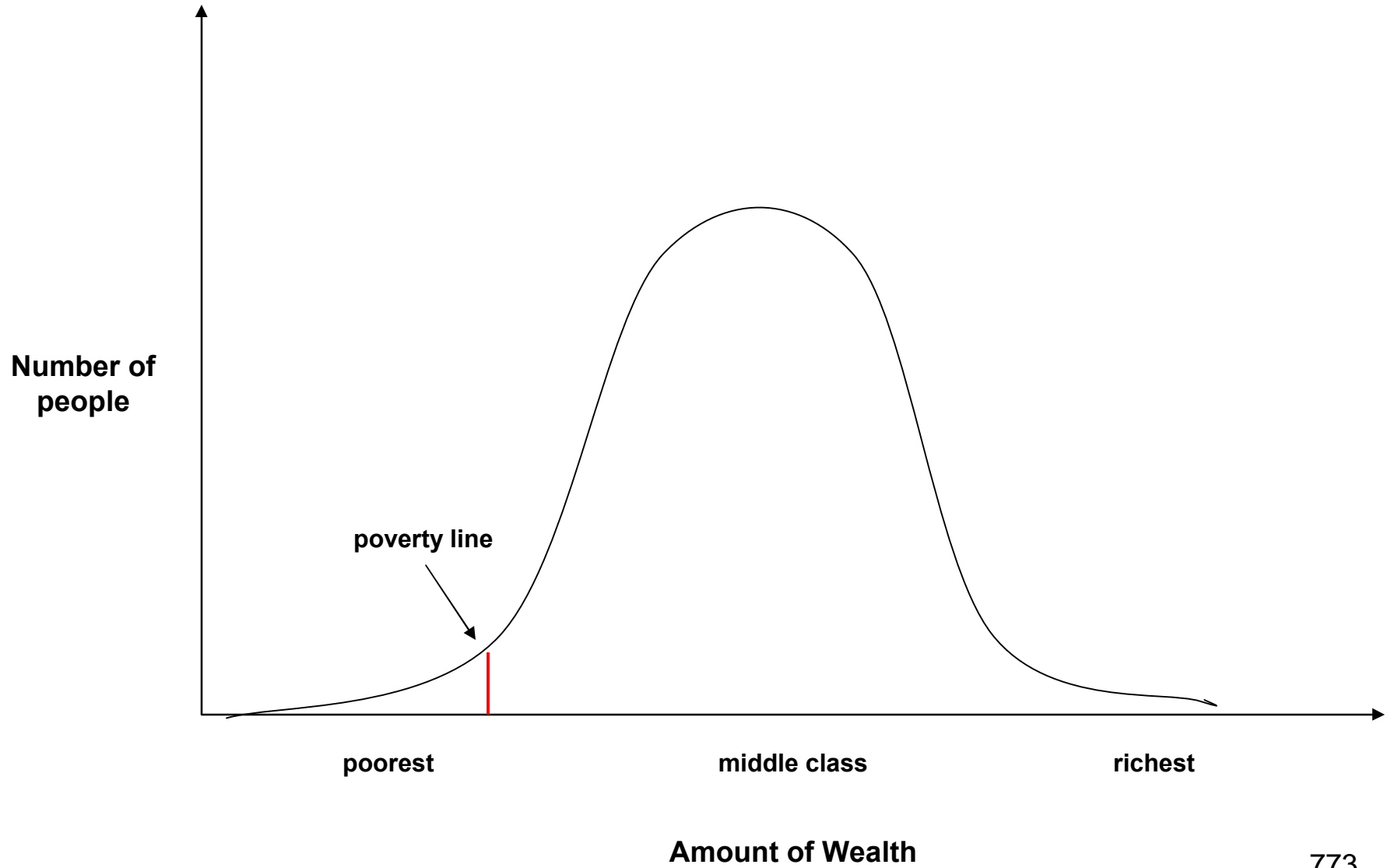


Figure 12.3 Normal Distribution of Wealth (not to scale)

This is the Canadian, Scandinavian, Japanese and Singaporean picture.



Group type	Typical number	Typical area (sq. miles)	Optimum Density
ant formicary	1,000,000	0.05	20,000,000
gibbon family	4	0.1	40
baboon troop	40	15	3.35
gorilla troop	17	17	1.0
human band	30	1,000	0.03
wolf pack	10	1,000	0.01

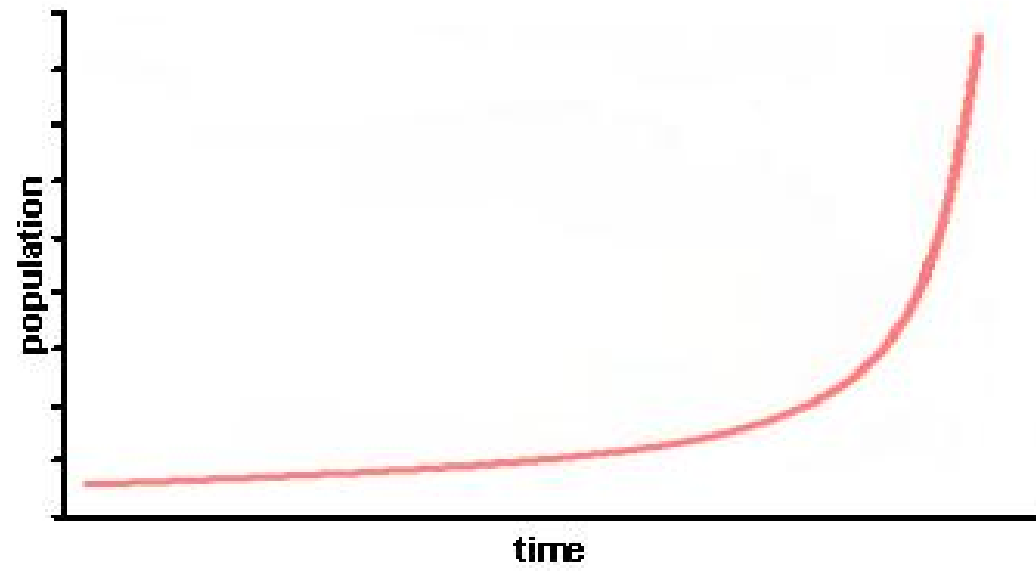
Figure 12.4 Natural Population Densities

Microstate	Pop.	Area (sq. mi.)	Population/ Sq. mile
Liechtenstein	34,000	62	548
San Marino	24,000	29	827
Barbados	180,000	166	1,084
Tuvalu	12,000	9	1,333
Malta	400,000	122	3,278

Figure 12.5 Typical microstate population densities

Metropolis	Population / sq. mi.
London	10,500
Hong Kong	17,333
New York	25,600
Tokyo	34,132
Mumbai	41,984

Figure 12.6 Typical urban population densities



**Figure 12.7 Human Population Curve
(not to scale)**

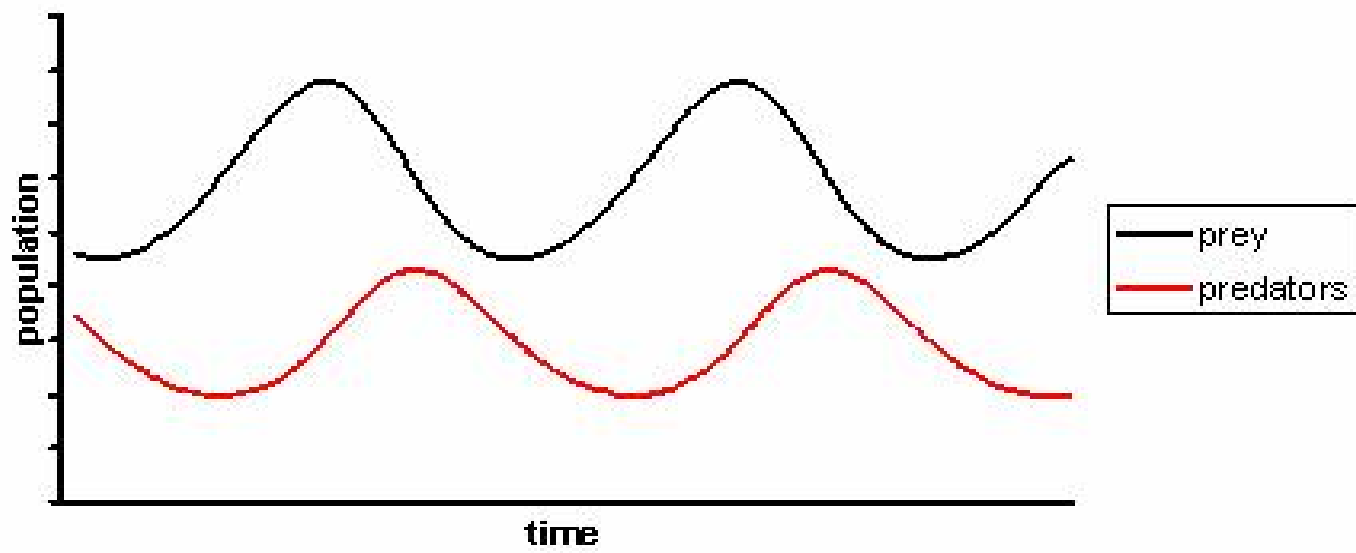


Figure 12.8 Predator-Prey population dynamics (Lotka-Volterra equations)

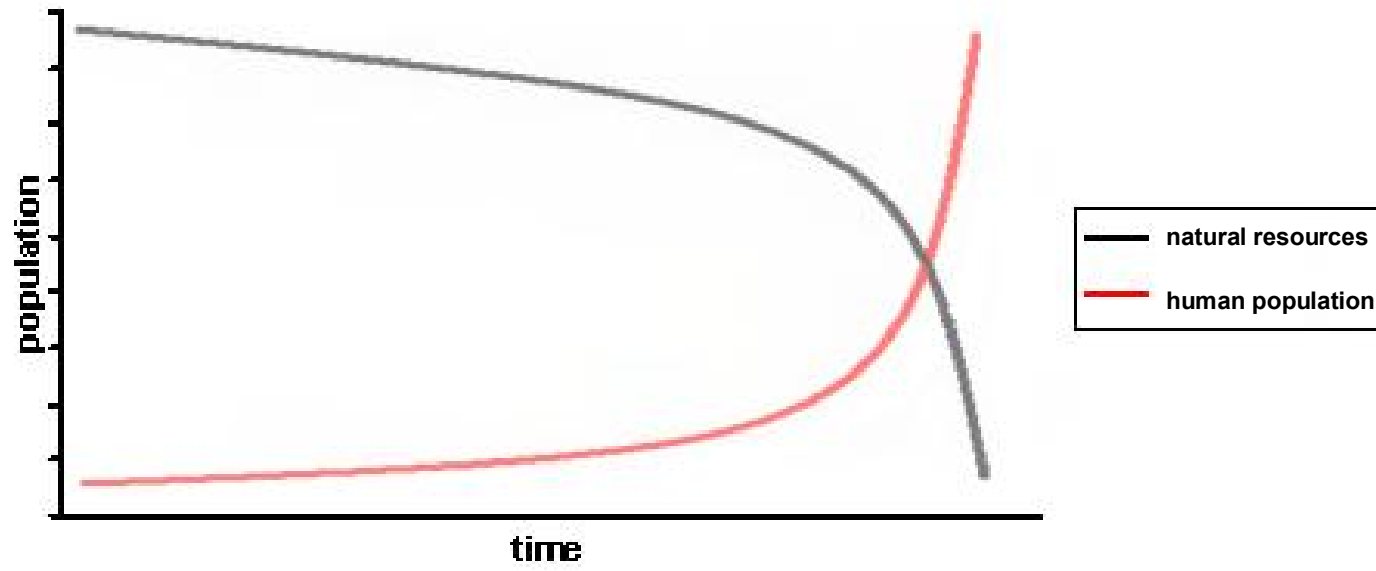


Figure 12.9 Over-exploitation and depletion of natural resources (not to scale)

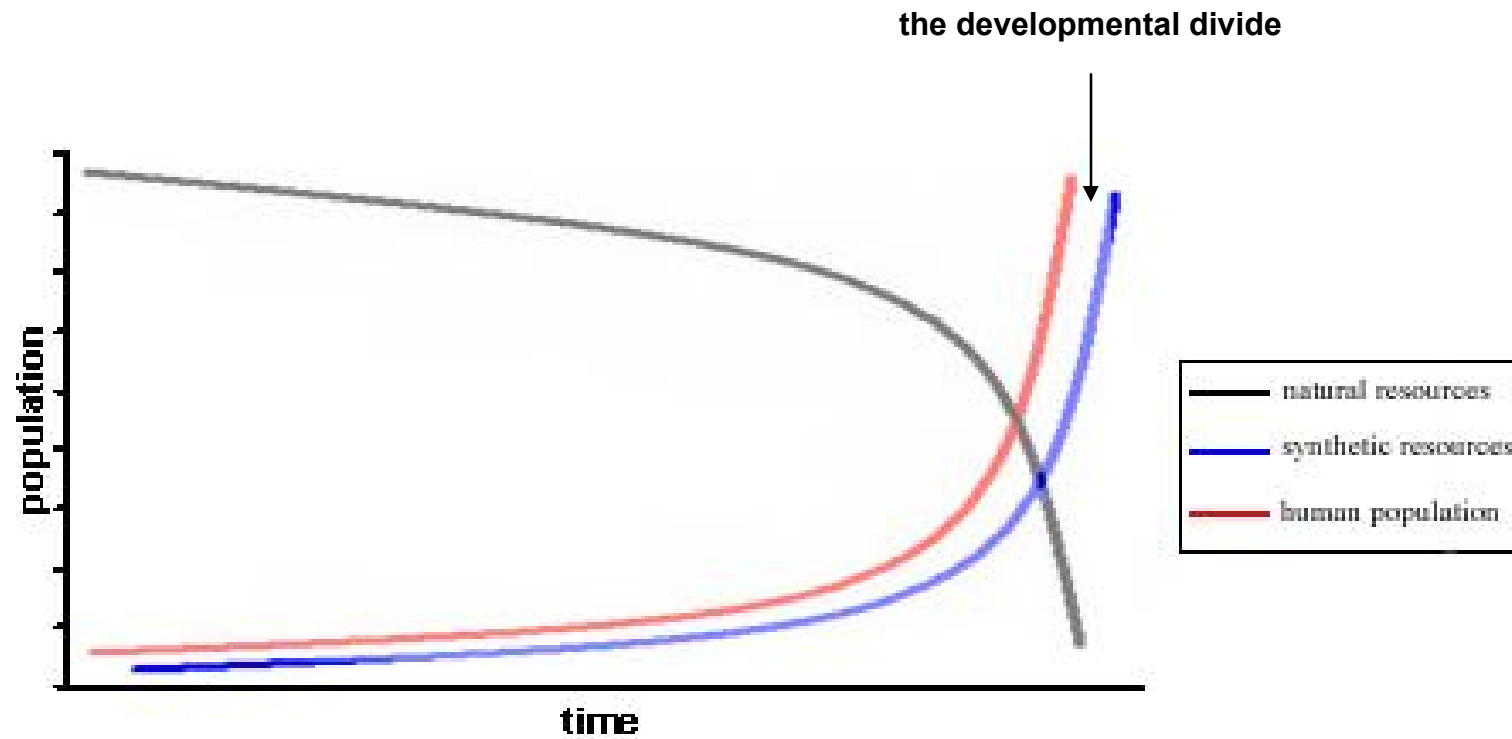


Figure 12.10 The replacement of natural resources by synthetic ones, and the developmental divide.
(not to scale)

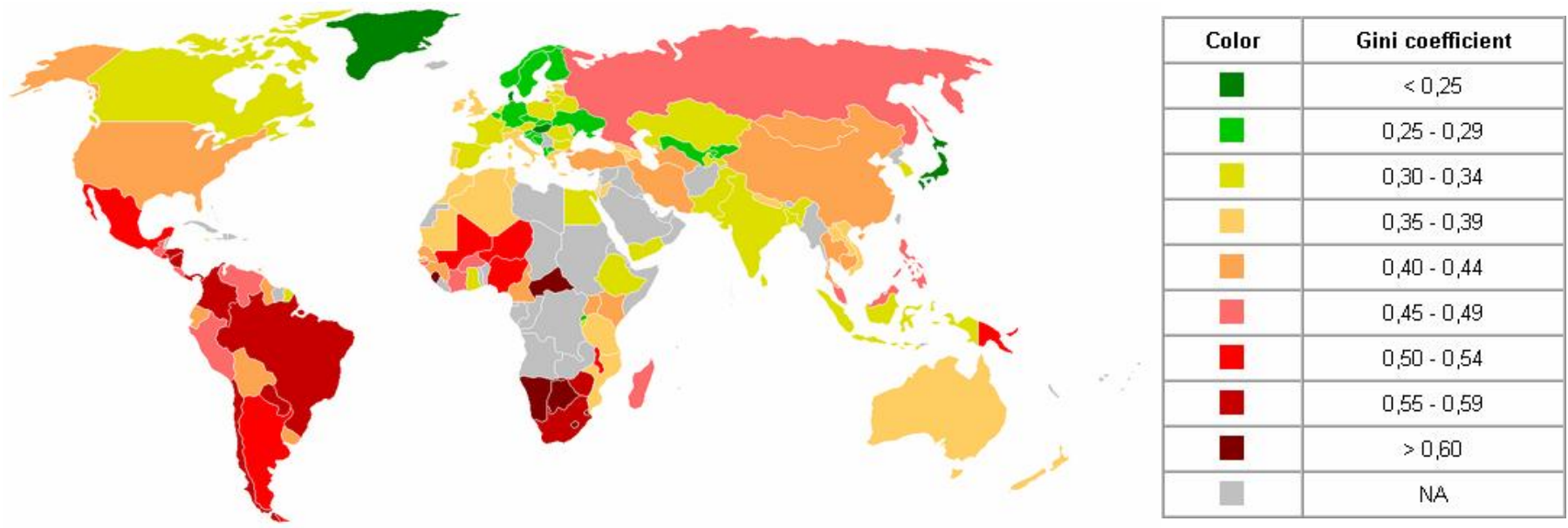


Figure 12.11 Gini Coefficients, world-wide