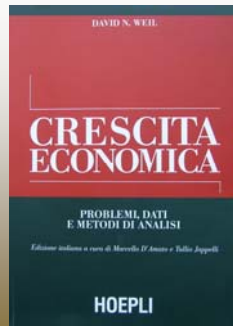


# Capitolo 4

## Popolazione e crescita economica




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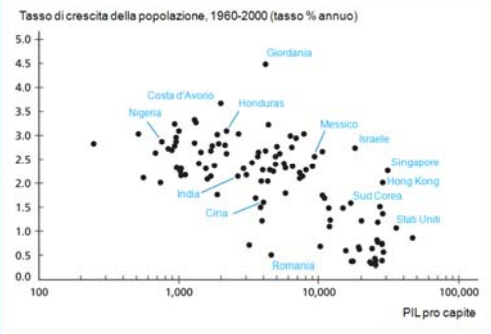
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**Figura 4.1**  
La relazione tra il reddito pro capite e il tasso di crescita della popolazione



Fonte: Heston et al. (2002)

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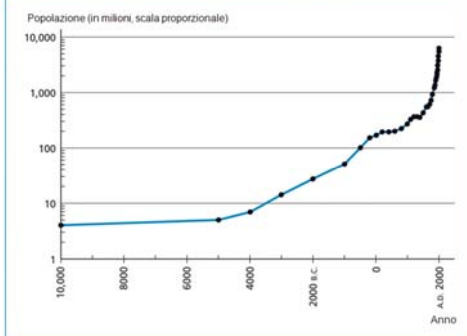
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**Figura 4.2**  
Popolazione mondiale dal 10.000 a.C. al 2000 d.C.



Fonte: Kremer, 1993

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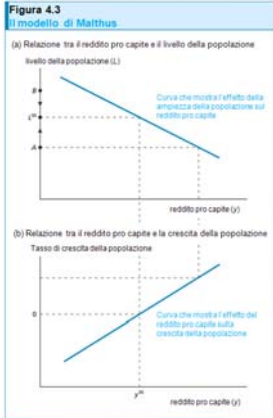
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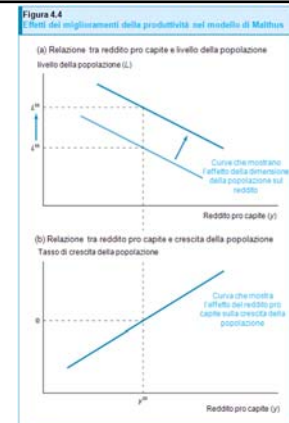
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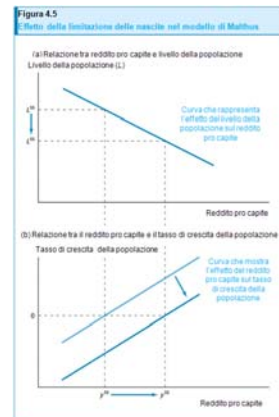
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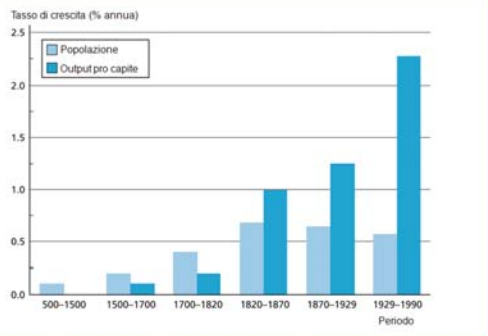
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**Figura 4.6**  
La crisi del modello di Malthus nell'Europa Occidentale



Fonte: Galor-Weil 2000

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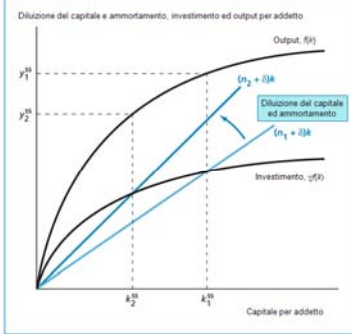
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**Figura 4.7**  
Il modello di Solow con crescita della popolazione



La figura mostra che aumentando il tasso di crescita della popolazione da  $n_1$  a  $n_2$  si modifica il livello dello stato stazionario del capitale per addetto ( $k_1$  e  $k_2$ ) e l'output per addetto ( $y_1$  e  $y_2$ )

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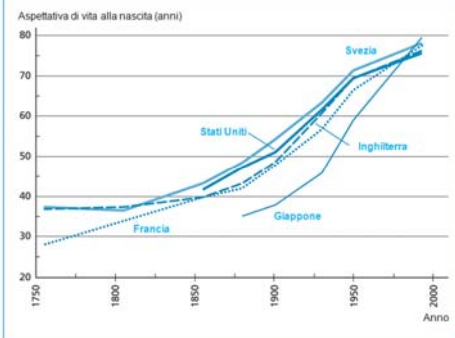
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**Figura 4.8**  
Aspettativa di vita nei paesi più sviluppati



Fonte: Livi Bacci, 1997

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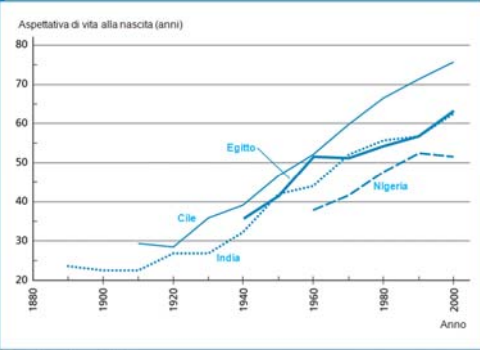
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**Figura 4.9**  
Aspettativa di vita nei paesi in via di sviluppo



Fonte: Kalemi-Ozcan, 2002

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**Figura 4.10**  
Tasso complessivo di fertilità (TCF) negli Stati Uniti, 1860-2000



Fonte: Coale e Zelnik, 1963; Wade, 1989

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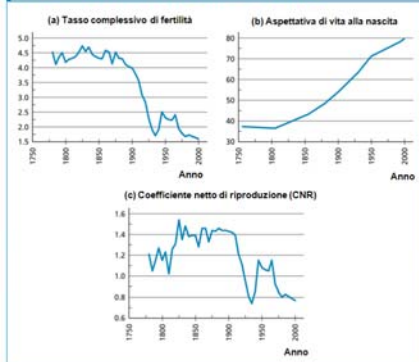
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**Figura 4.11**  
Fertilità, mortalità e coefficiente netto di riproduzione in Svezia



Fonte: Keyfitz e Flieger, 1968, 1990; Livi Bacci, 1997

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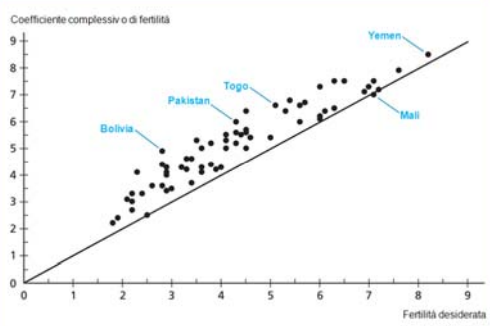
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**Figura 4.12**  
Fertilità desiderata e coefficiente complessivo di fertilità nei paesi in via di sviluppo



Fonte: Pritchett, 1994

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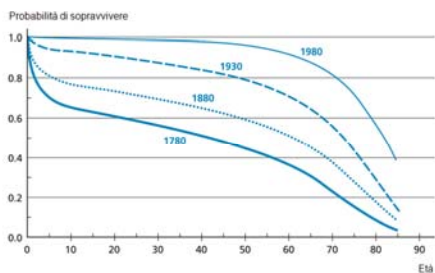
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**Figura 4.13**  
La funzione di sopravvivenza per le donne in Svezia



Fonte: Keyfitz e Flieger, 1968, 1990

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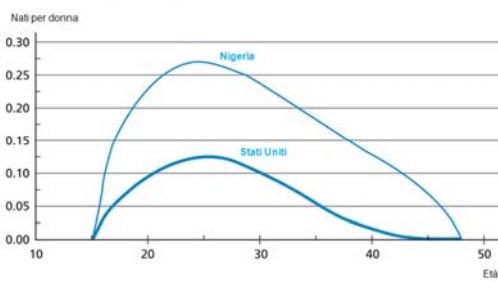
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**Figura 4.14**  
Tassi di fertilità specifici per età




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**Tabella 4.1**  
**Indicatori demografici per l'India**

Periodo	Tasso complessivo di fertilità	Aspettativa di vita alla nascita	Tasso netto di riproduzione
1955-1960	5.92	42.6	1.75
1965-1970	5.69	48.0	1.87
1975-1980	4.83	52.9	1.73
1985-1990	4.15	57.4	1.61
1995-2000	3.45	62.1	1.43

Fonte: *United Nations Population Division, 2002*

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**Tabella 4.2**  
**Indicatori demografici per la Nigeria**

Periodo	Tasso complessivo di fertilità	Aspettativa di vita alla nascita	Tasso netto di riproduzione
1955-1960	6.90	38.2	1.97
1965-1970	6.90	42.0	2.12
1975-1980	6.90	46.1	2.28
1985-1990	6.70	50.2	2.38
1995-2000	5.92	52.5	2.20

Fonte: *United Nations Population Division, 2002*

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