

Table 1. Annual and Total Increases in the Support Ratio: The top and bottom 10

Annual Increase in the Support Ratio (%)					
Top 10			Bottom 10		
1	Singapore	1.02	124	France	0.26
2	Jordan	0.94	125	Croatia	0.26
3	Viet Nam	0.90	126	Serbia and Montenegro	0.26
4	Algeria	0.85	127	Bulgaria	0.25
5	United Arab Emirates	0.83	128	Lithuania	0.23
6	Thailand	0.82	129	Belgium	0.22
7	Tunisia	0.79	130	Greece	0.20
8	Armenia	0.79	131	Hungary	0.20
9	Syrian Arab Republic	0.79	132	Sweden	0.16
10	Mexico	0.76	133	Uruguay	0.15

Total Increase in the Support Ratio (%)					
Top 10			Bottom 10		
1	United Arab Emirates	64	124	Italy	6
2	Syrian Arab Republic	54	125	Georgia	5
3	Jordan	53	126	Croatia	5
4	Algeria	53	127	Serbia and Montenegro	5
5	Yemen	50	128	Bulgaria	5
6	Tunisia	48	129	Russian Federation	5
7	Nicaragua	48	130	Uruguay	5
8	Kenya	48	131	Hungary	4
9	Mexico	46	132	Lithuania	4
10	Uzbekistan	46	133	Sweden	3

Source : Calculated by author.

Note : Countries with population of 3 million or more in 2000 and that complete their dividend period by 2050 are included.

**Table 2. Estimates of the first and second dividends,
actual growth in Gross Domestic Product per effective consumer (GDP/N),
1970-2000.**

Region	Demographic Dividends			Actual growth in GDP/N	Actual - Dividend
	First	Second	Total		
Industrial	0.34	0.69	1.03	2.25	1.22
East Asia & Southeast Asia	0.59	1.31	1.90	4.32	2.42
South Asia	0.10	0.69	0.80	1.88	1.08
Latin America	0.62	1.08	1.70	0.94	-0.76
Sub-Saharan Africa	-0.09	0.17	0.08	0.06	-0.02
Middle East and North Africa	0.51	0.70	1.21	1.10	-0.11
Transitional	0.24	0.57	0.81	0.61	-0.20
Pacific Islands	0.58	1.15	1.73	0.93	-0.79

Table A1. List of countries by country groupings

Industrial

Andorra, Australia, Austria, Belgium, Bermuda, Canada, Channel Islands, Denmark, Faeroe Islands, Finland, France, Germany, Gibraltar, Greece, Greenland, Holy See, Iceland, Ireland, Isle of Man, Italy, Japan, Liechtenstein, Luxembourg, Malta, Monaco, Netherlands, New Zealand, Norway, Portugal, Saint-Pierre-et-Miquelon, San Marino, Spain, Sweden, Switzerland, Turkey, United Kingdom, United States of America

East Asia and Southeast Asia

Brunei Darussalam, Cambodia, China, China, Hong Kong SAR, China, Macao SAR, Dem. People's Rep. of Korea, Dem. Republic of Timor-Leste, Indonesia, Lao People's Dem. Republic, Malaysia, Myanmar, Philippines, Republic of Korea, Singapore, Thailand, Viet Nam

South Asia

Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka

Latin America

Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bolivia, Brazil, British Virgin Islands, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, St. Vincent and the Grenadines, Suriname, Trinidad and Tobago, Turks and Caicos Islands, United States Virgin Islands, Uruguay, Venezuela

Sub Saharan Africa

Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Dem. Republic of the Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, Saint Helena, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Togo, Uganda, United Republic of Tanzania, Zambia, Zimbabwe

Middle East and North Africa

Afghanistan, Algeria, Bahrain, Cyprus, Egypt, Iran (Islamic Republic of), Iraq, Israel, Jordan, Kuwait, Lebanon, Libyan Arab Jamahiriya, Morocco, Occupied Palestinian Territory, Oman, Qatar, Saudi Arabia, Syrian Arab Republic, Tunisia, United Arab Emirates, Western Sahara, Yemen

Transitional

Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Mongolia, Poland, Republic of Moldova, Romania, Russian Federation, Serbia and Montenegro, Slovakia, Slovenia, Tajikistan, TFYR Macedonia, Turkmenistan, Ukraine, Uzbekistan

Pacific Islands

American Samoa, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Micronesia (Fed. States of), Nauru, New Caledonia, Niue, Northern Mariana Islands, Palau, Papua New Guinea, Pitcairn, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu, Wallis and Futuna Islands

Table A2. Countries with complete and incomplete dividend periods

Region	Number of Countries	Bonus Period			
		Started before 1950	Ended by 2005	Ended between 2005-2050	Not ended by 2050
Industrial	37	2	31	6	-
East Asia and Southeast Asia	16	-	1	13	2
South Asia	7	-	-	7	-
Latin America	46	-	8	37	1
Sub-Saharan Africa	50	-	2	5	43
Middle East and North Africa	22	1	1	17	4
Transitional	28	2	8	20	6
Pacific Islands	22	1	6	10	-
Total	228	6	57	115	56

Table A3. Sensitivity analysis: demographic dividend based on Taiwan 1998

Region	Demographic Dividends			Actual growth in GDP/N	Actual - Dividend
	First	Second	Total		
Industrial	0.42	0.70	1.12	2.25	1.13
East Asia & Southeast Asia	0.66	1.19	1.85	4.32	2.47
South Asia	0.14	0.58	0.73	1.88	1.15
Latin America	0.71	1.00	1.71	0.94	-0.77
Sub-Saharan Africa	-0.06	0.11	0.05	0.06	0.01
Middle East and North Africa	0.57	0.58	1.15	1.10	-0.05
Transitional	0.30	0.57	0.87	0.61	-0.26
Pacific Islands	0.63	1.03	1.66	0.93	-0.73

Table A4: Implications for second dividend of varying several assumptions

	C/Y=1.0	C/Y= .9 ¹	g _c =g _y =.02	Using Taiwan profiles
Industrial	0.69	0.74	0.69	0.70
East Asia & Southeast Asia	1.31	1.56	1.29	1.19
South Asia	0.69	0.85	0.68	0.58
Latin America	1.08	1.27	1.05	1.00
Sub-Saharan Africa	0.17	0.26	0.16	0.11
Middle East and North Africa	0.70	0.91	0.68	0.58
Transitional	0.57	0.61	0.57	0.57
Pacific Islands	1.15	1.40	1.10	1.03

Note: ¹ Growth of consumption is set at .017 while growth of productivity at .015

Figure I.A. Age profiles of production and consumption, US, 2000

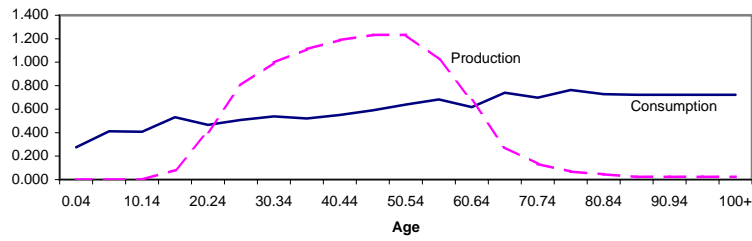


Figure I.B. Age distribution of US population, 1950, 2000, and 2050

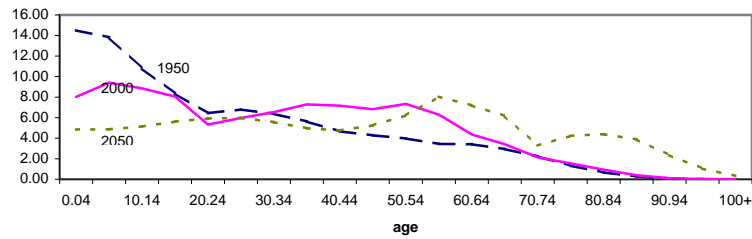


Figure I.C. Age distribution of Mexico population, 1950, 2000, and 2050

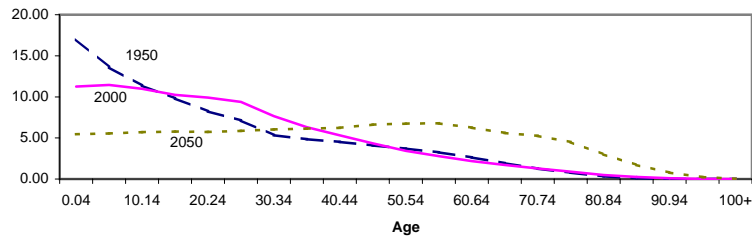


Figure II. First demographic dividend, US and Mexico

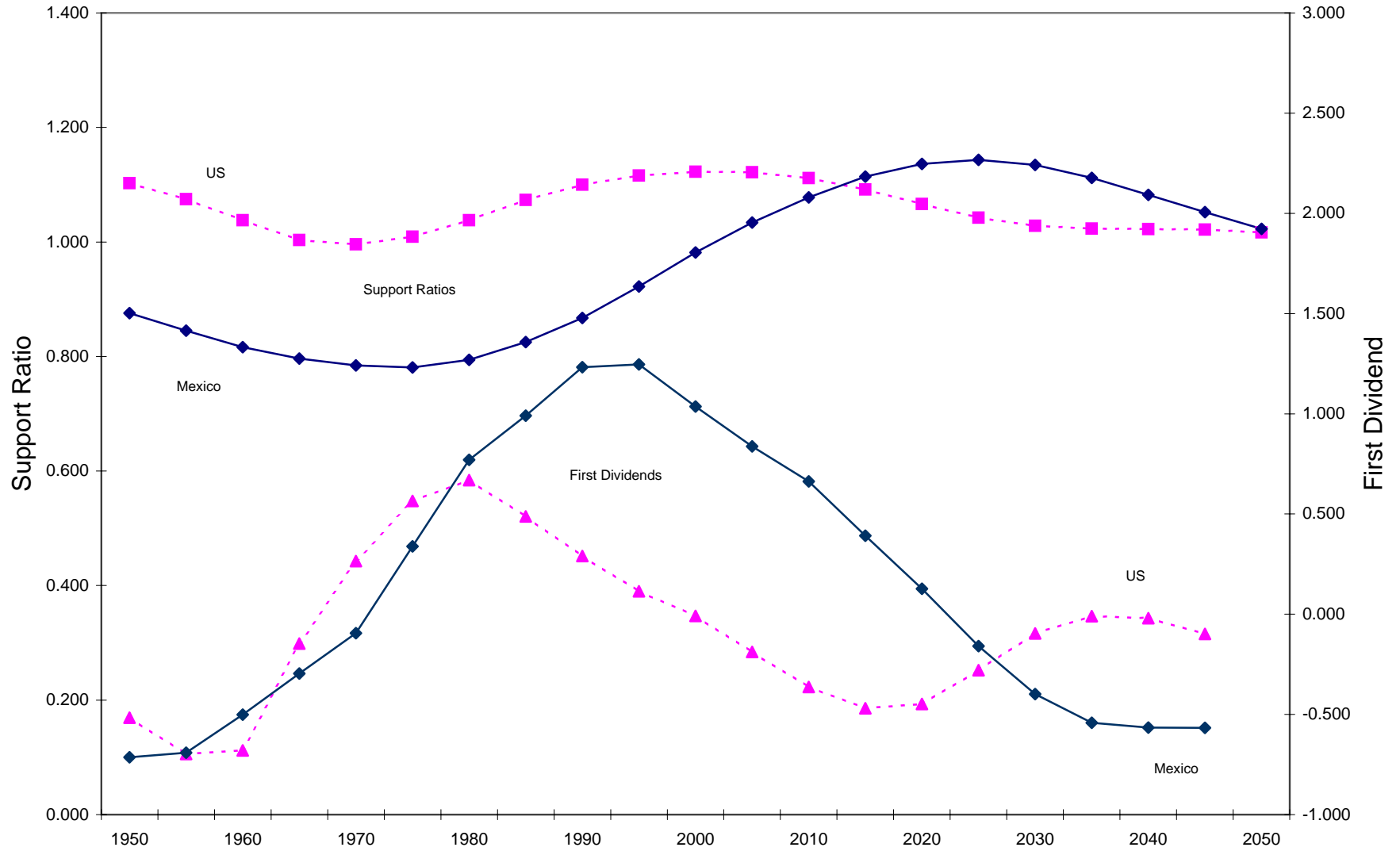


Figure III. The Timing of the first demographic dividend: all country groups

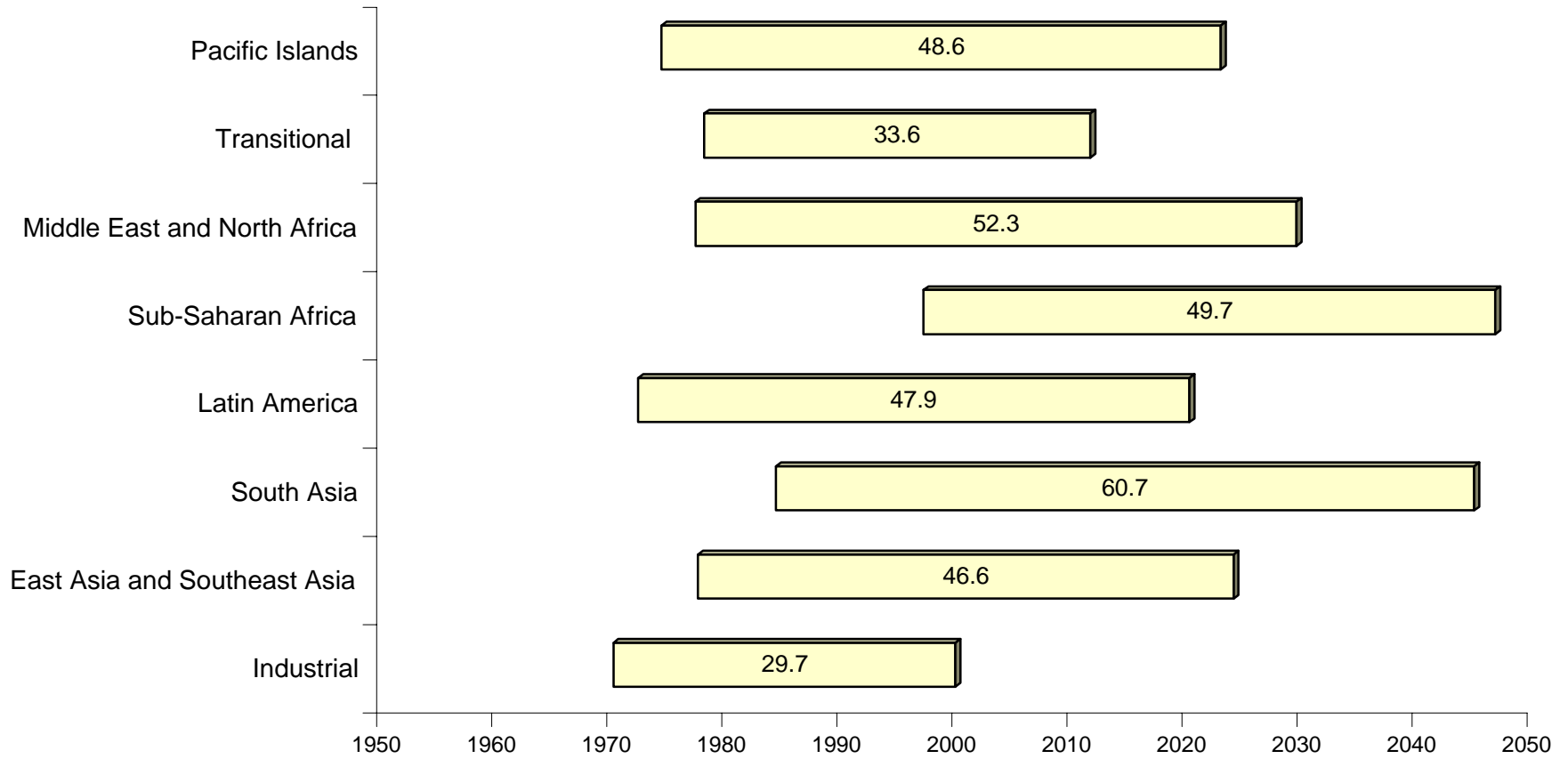


Figure IV. The Duration and total gain from the first demographic dividend

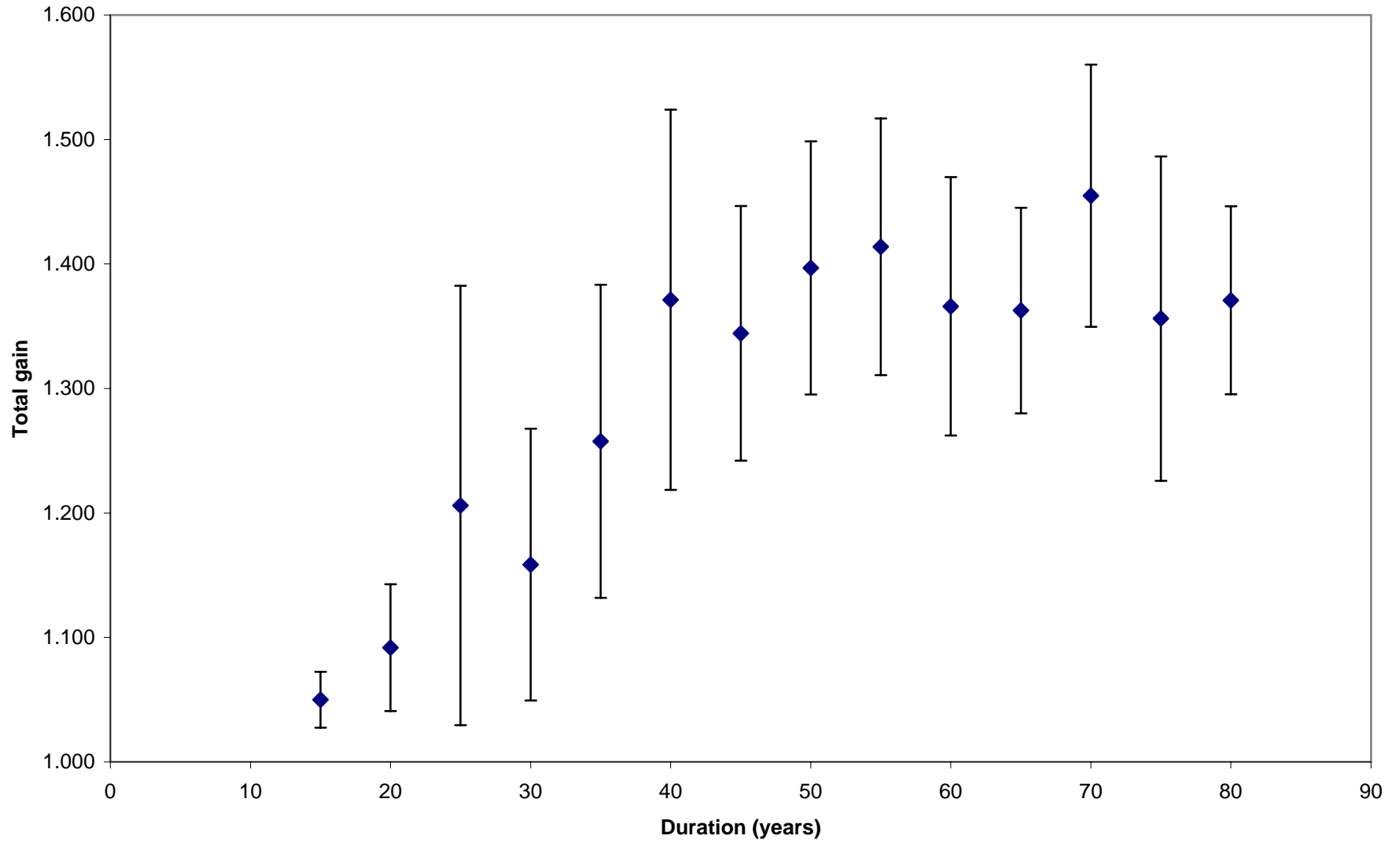


Figure V. The Total gain by duration, regional averages

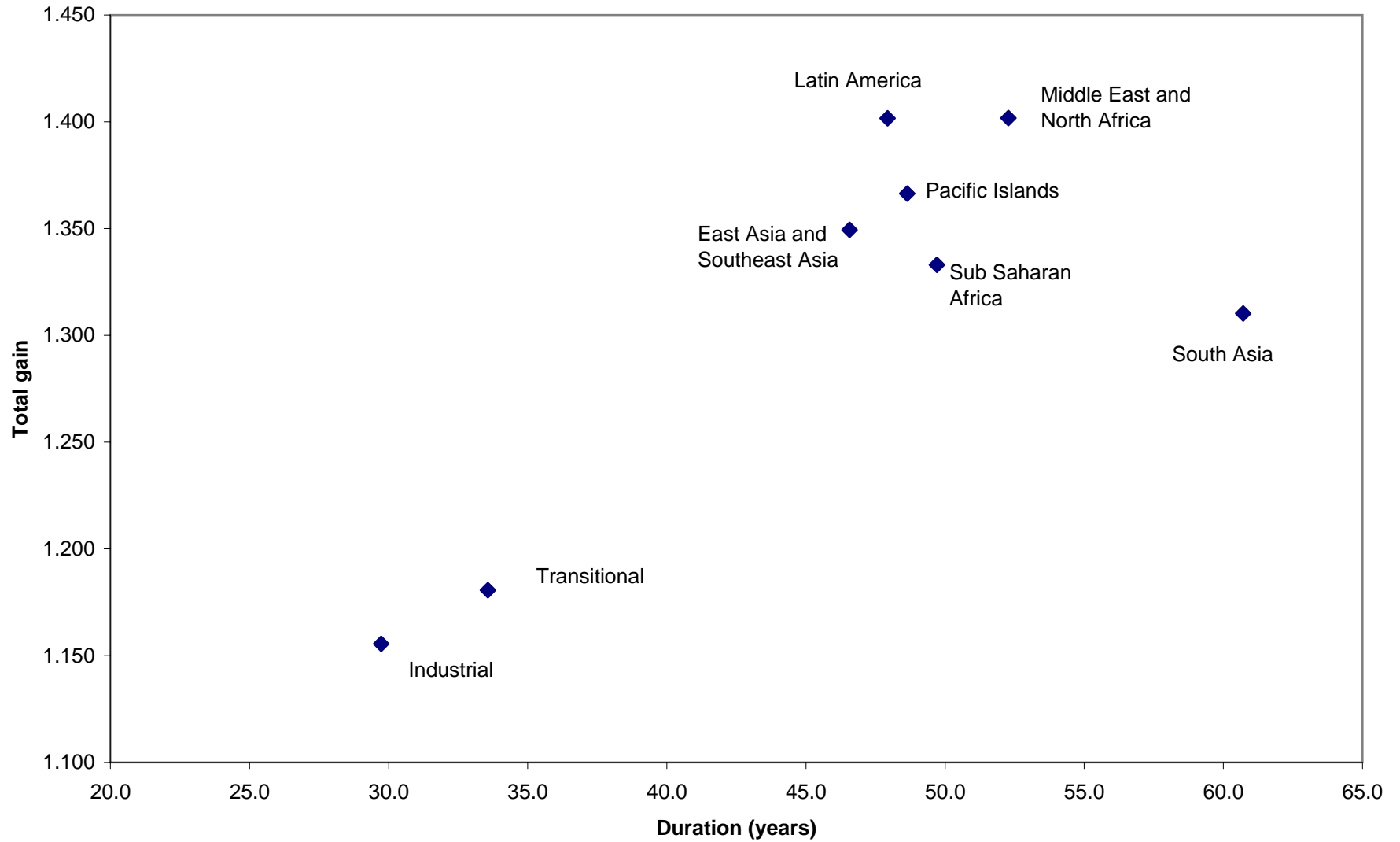


Figure VI. The Average annual gain by duration, regional averages

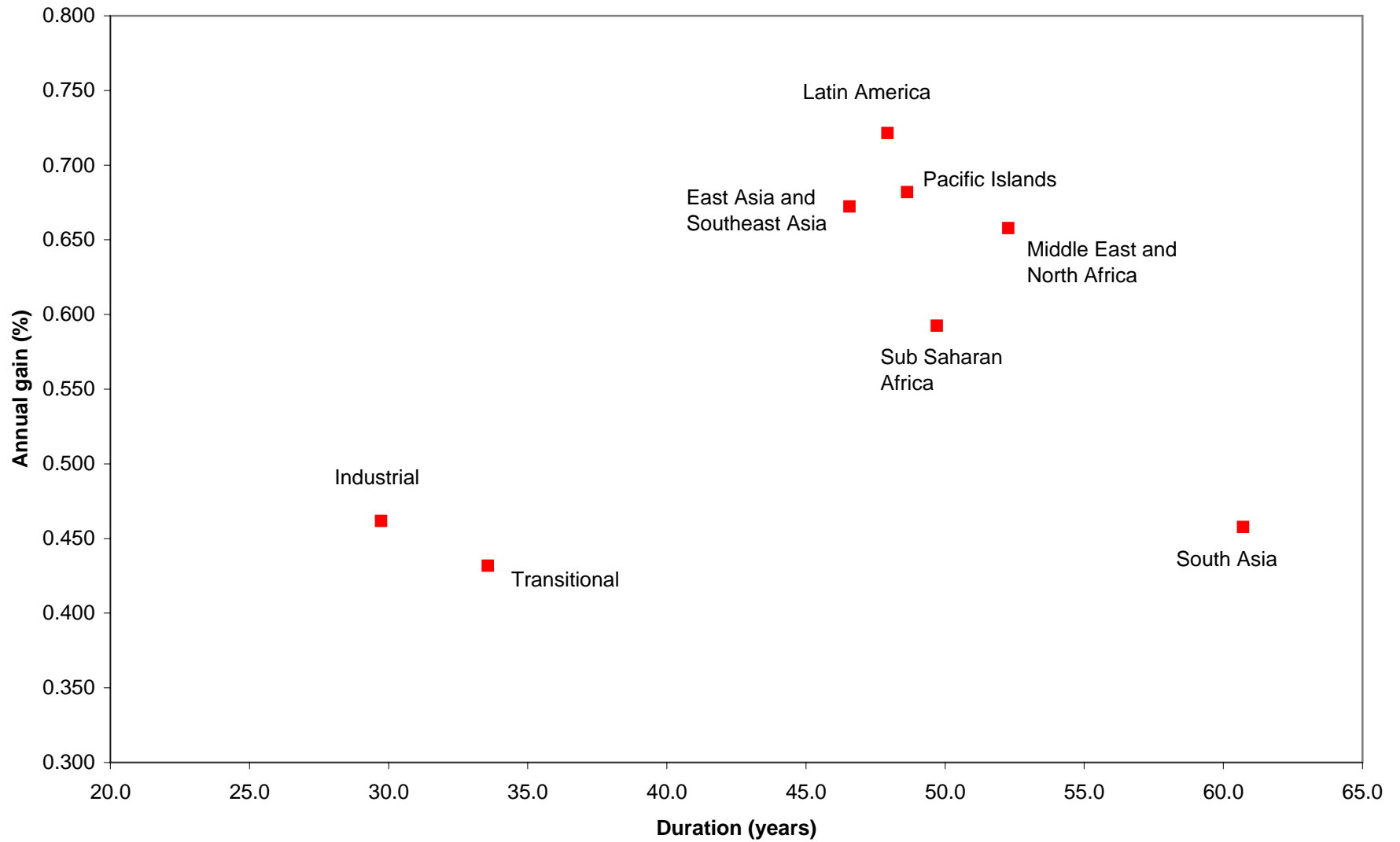


Figure VII. Wealth(50+)/output, regional averages, 1950-2000

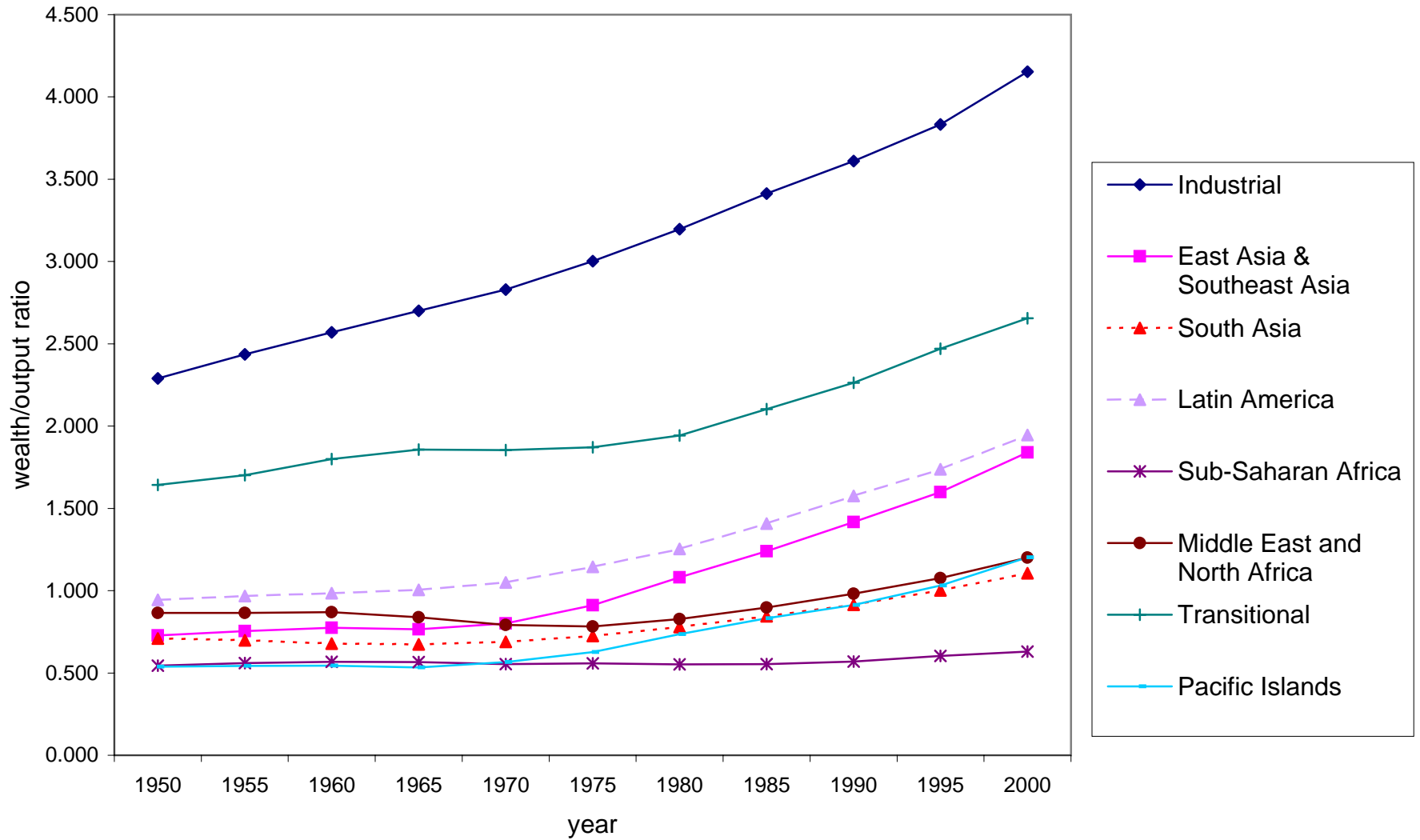


Figure VIII. Annual growth, wealth(50+)/output, 1950-1975 and 1975-2000

