

PAKISTAN

NATIONAL TRANSFER ACCOUNTS

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Data Being Used

- Pakistan Social and Living Measurement survey 2011-12
- Household Income and Expenditure Survey 2011-12
- National Health Accounts 2011-12
- National Accounts 2011-12
- Data from Ministries of Finance and IPCC

All surveys are nationally representative and conducted by the Pakistan Bureau of Statistics

Advantage: Consistent definitions and periodic rounds of the survey conducted, which would be helpful in revising/updating the NTA

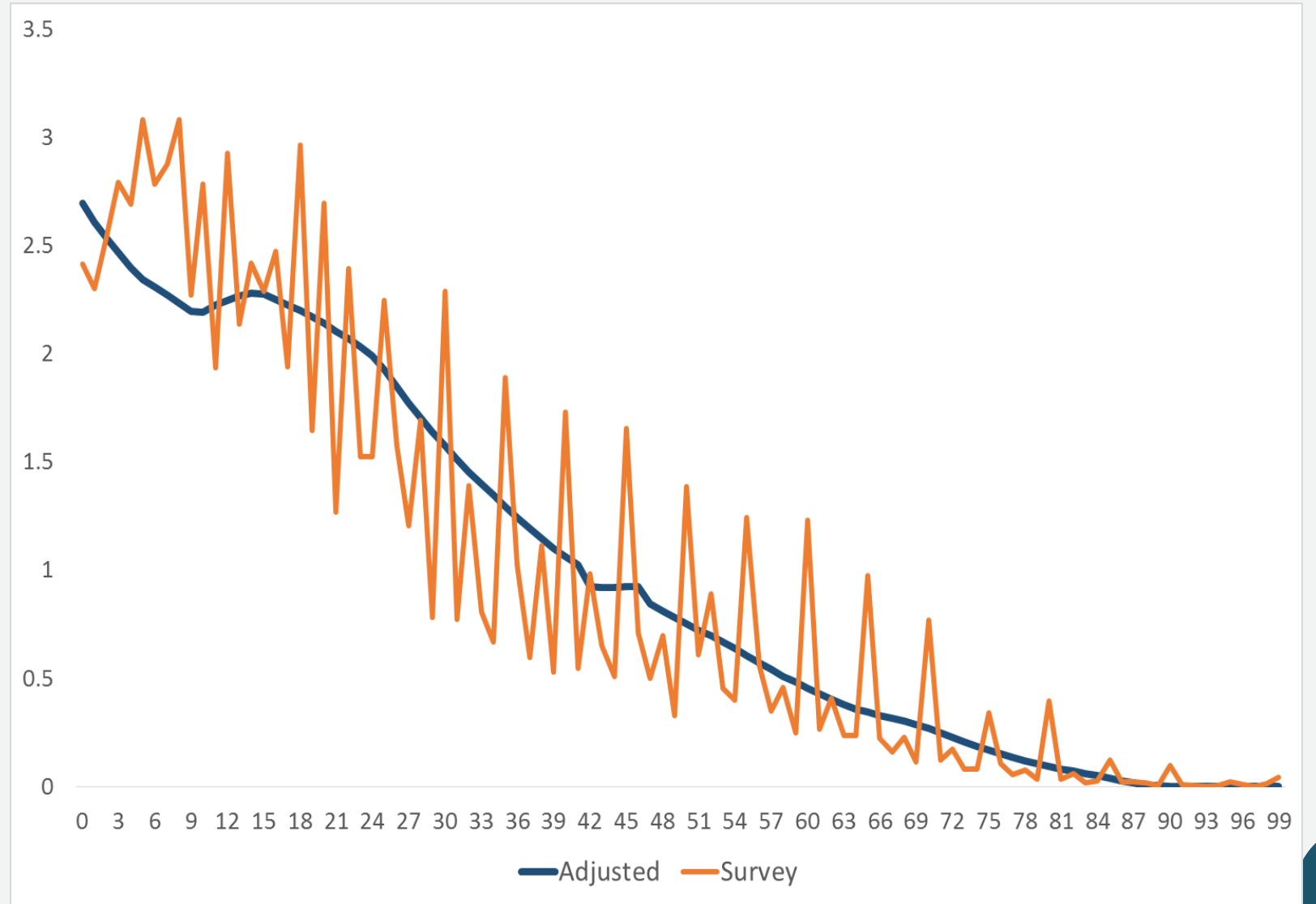
Issues in Age Reporting

Severe problems of age-heaping and digit preference were identified in the Pakistani data, having serious implications for the construction of the NTA.

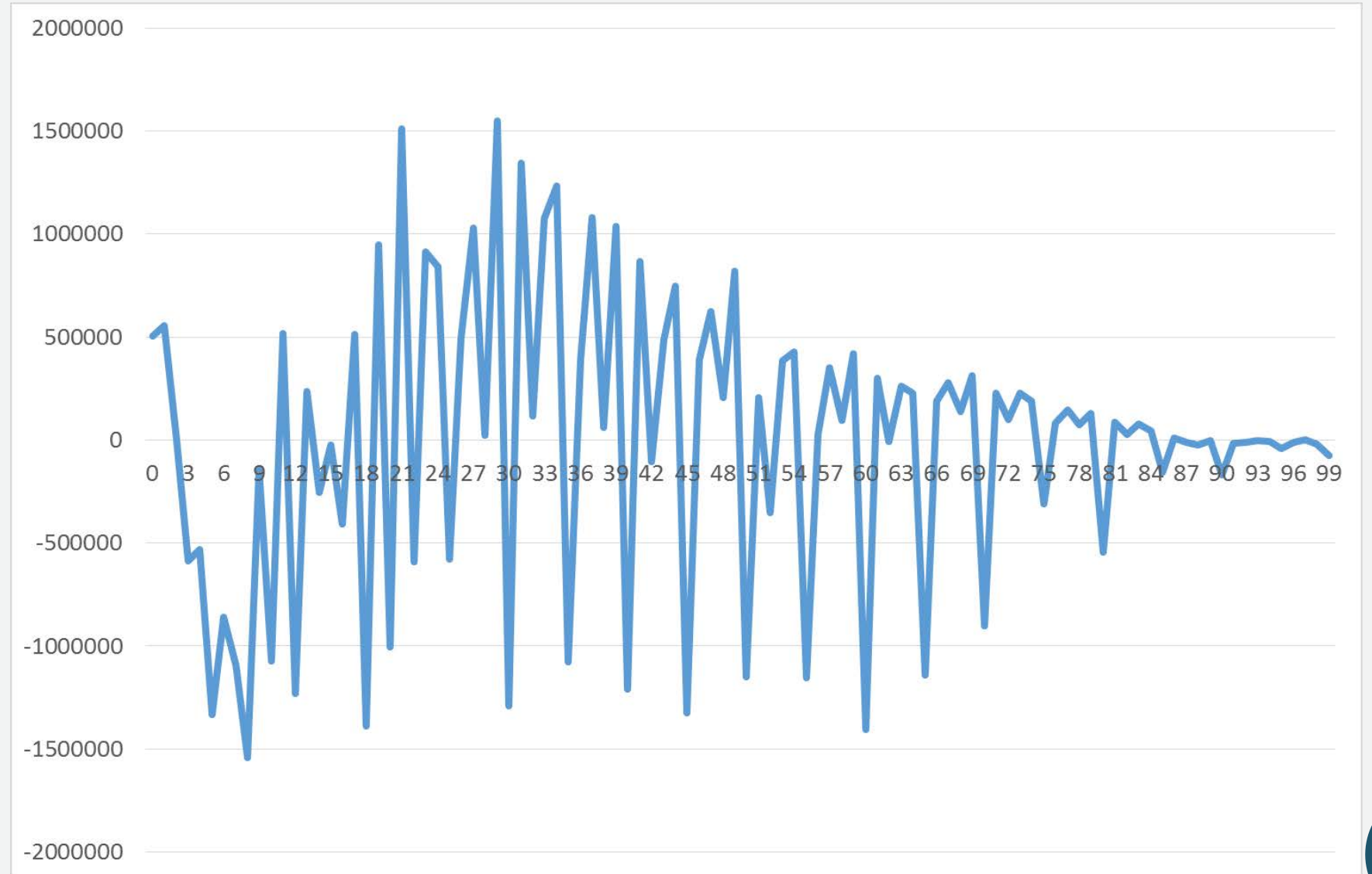
Several methods were used to correct the problem, including:

1. Taking mean of the reported ages in several surveys
 2. The method suggested by Feeney
 3. The Arriaga's formula
 4. The United Nations method
 5. The method suggested by Carmada, et al.
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*Adjusted Ages
Using the
Carmada et al.,
Method*

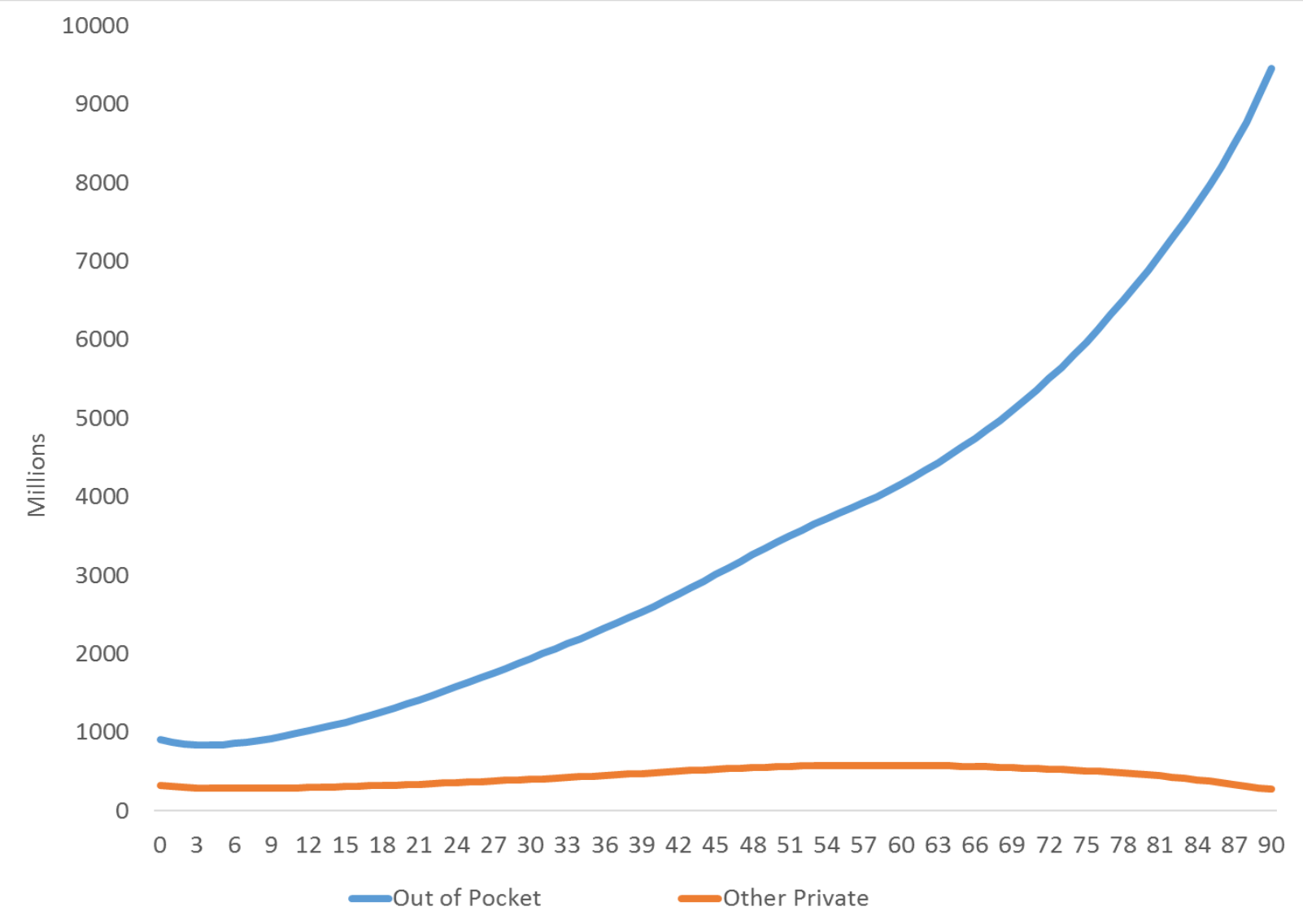


Impact on Numbers at Each Age

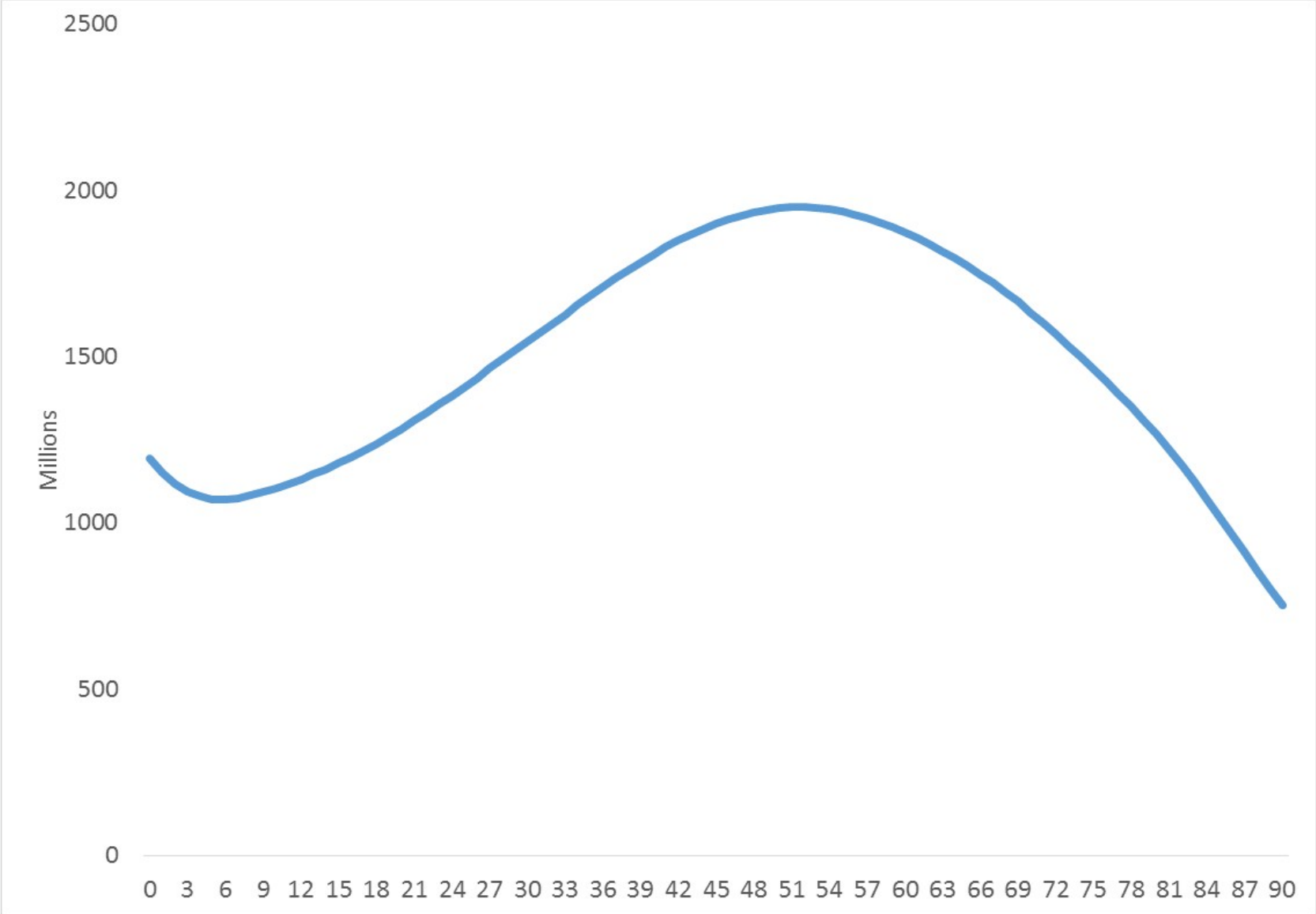


Private Health Consumption

- 1. Out of Pocket
- 2. Other Private

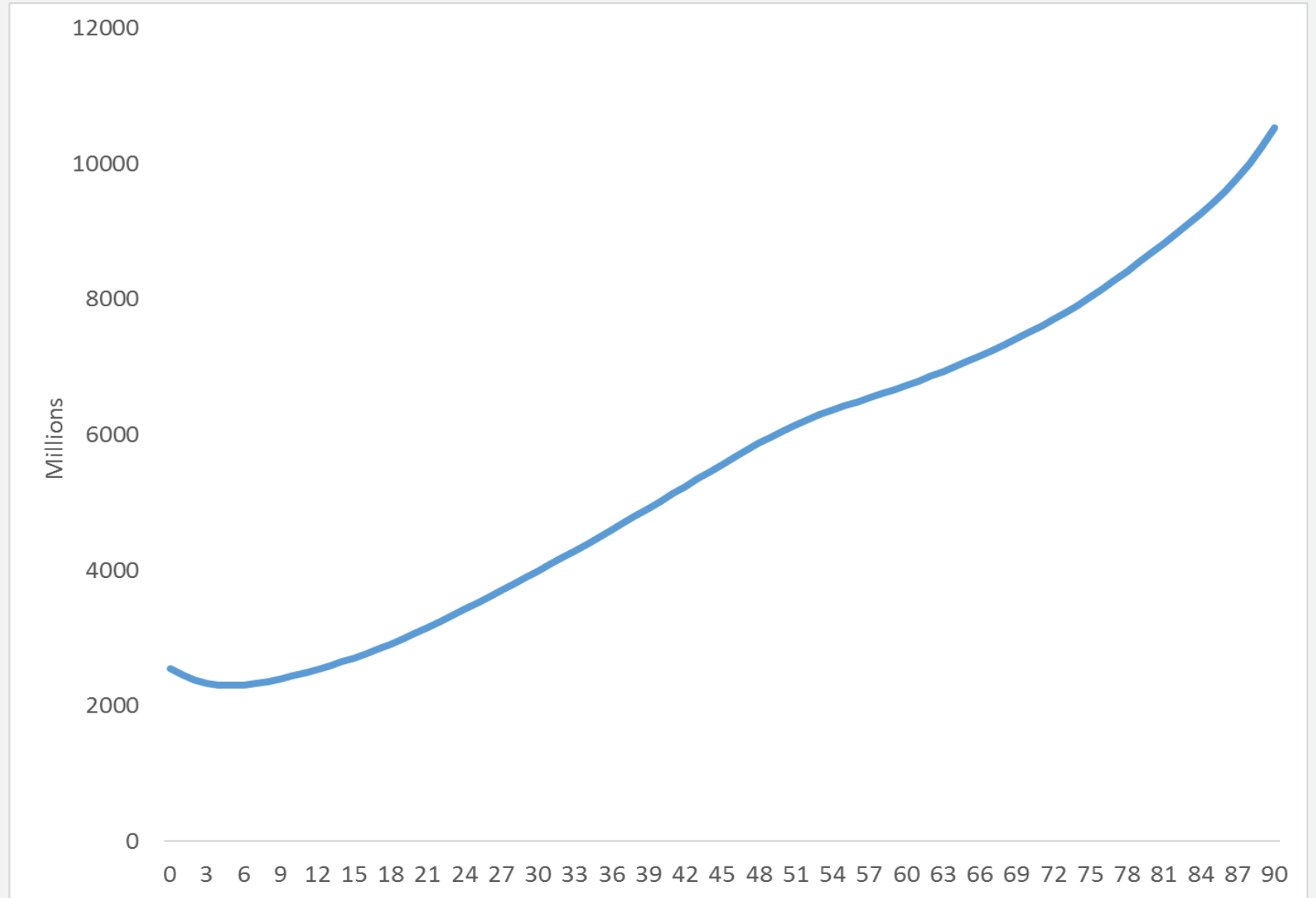


Public Health Consumption

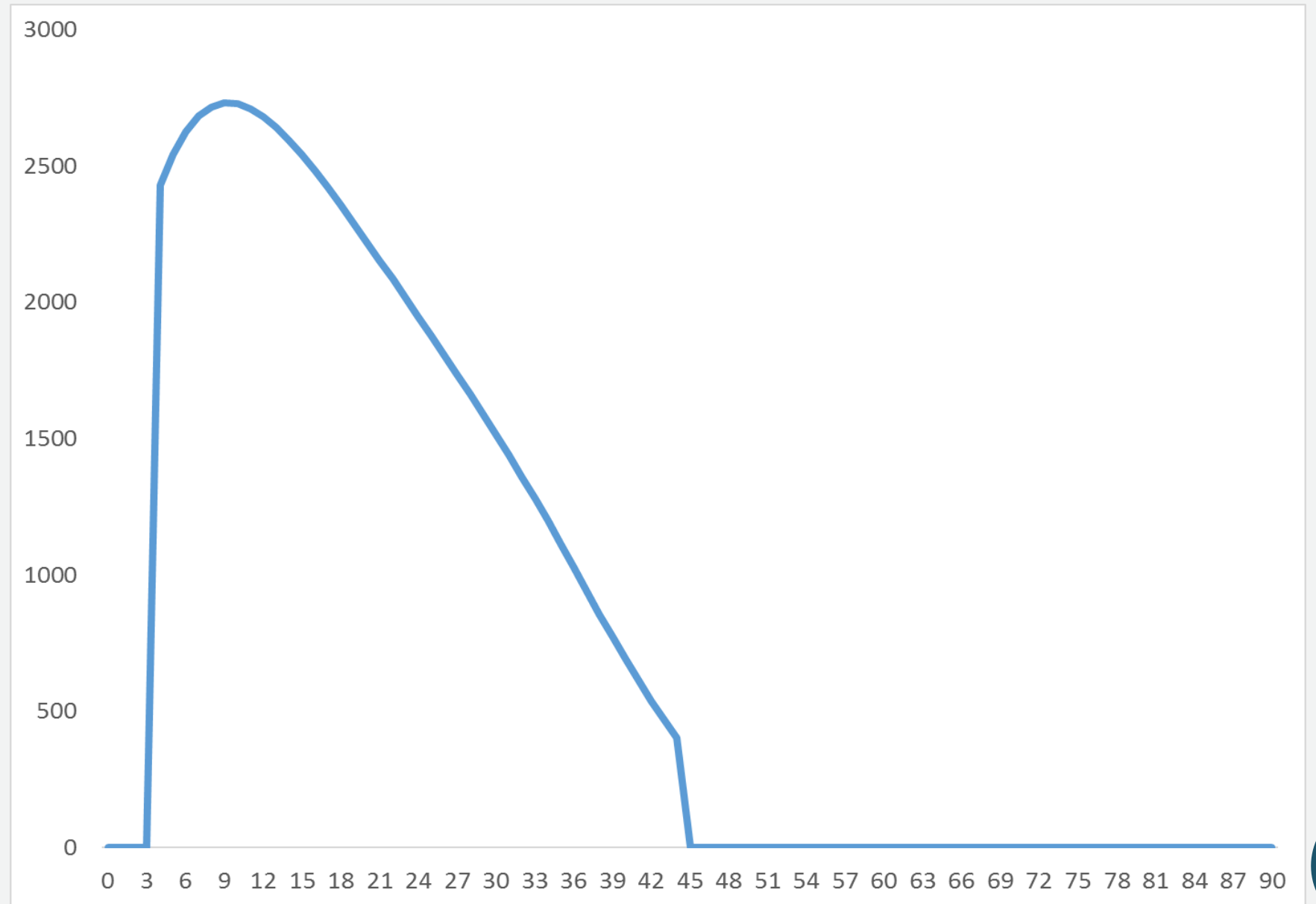


Total Health Consumption

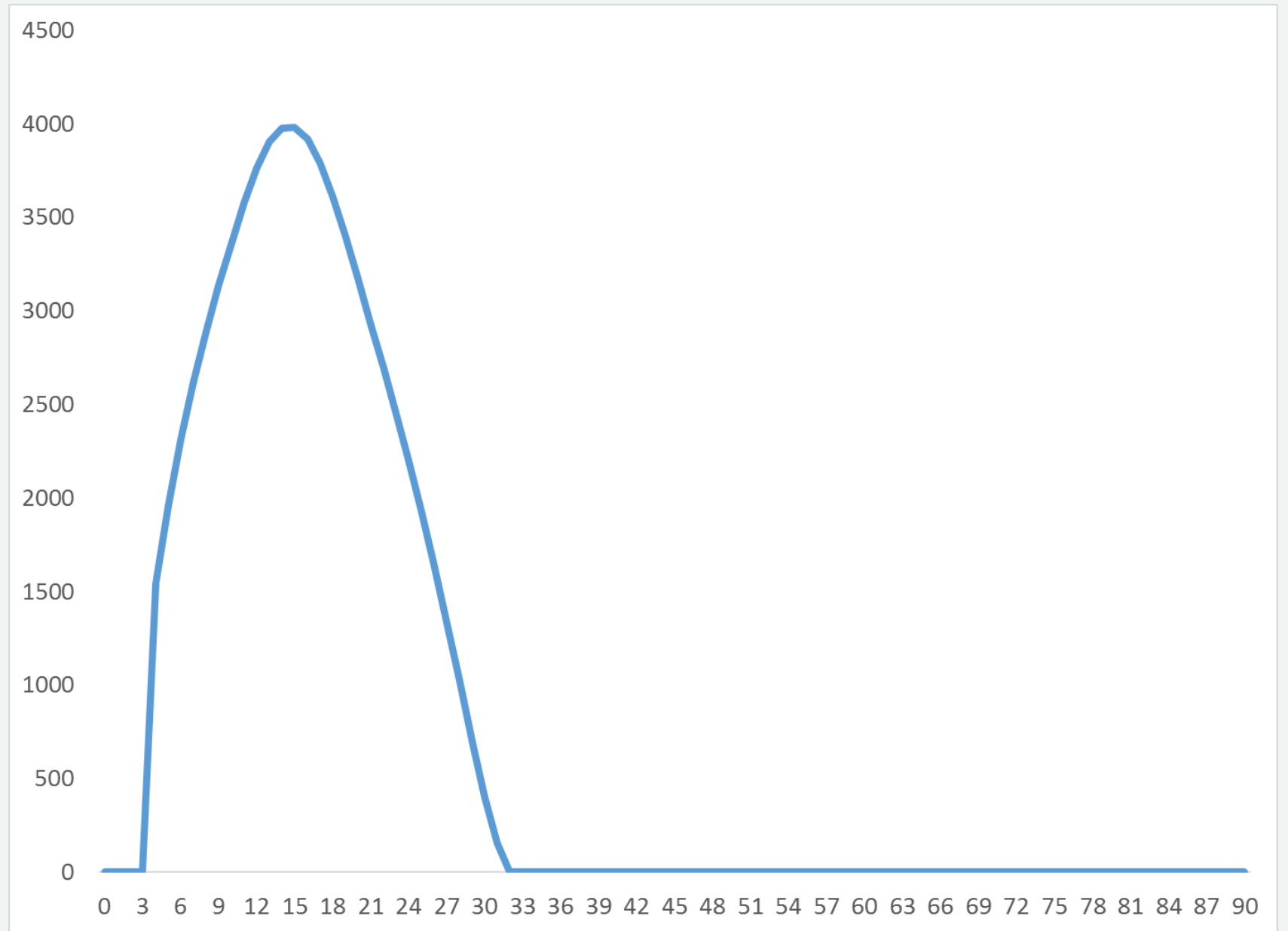
Including Public, Private, other Private and Rest of the World



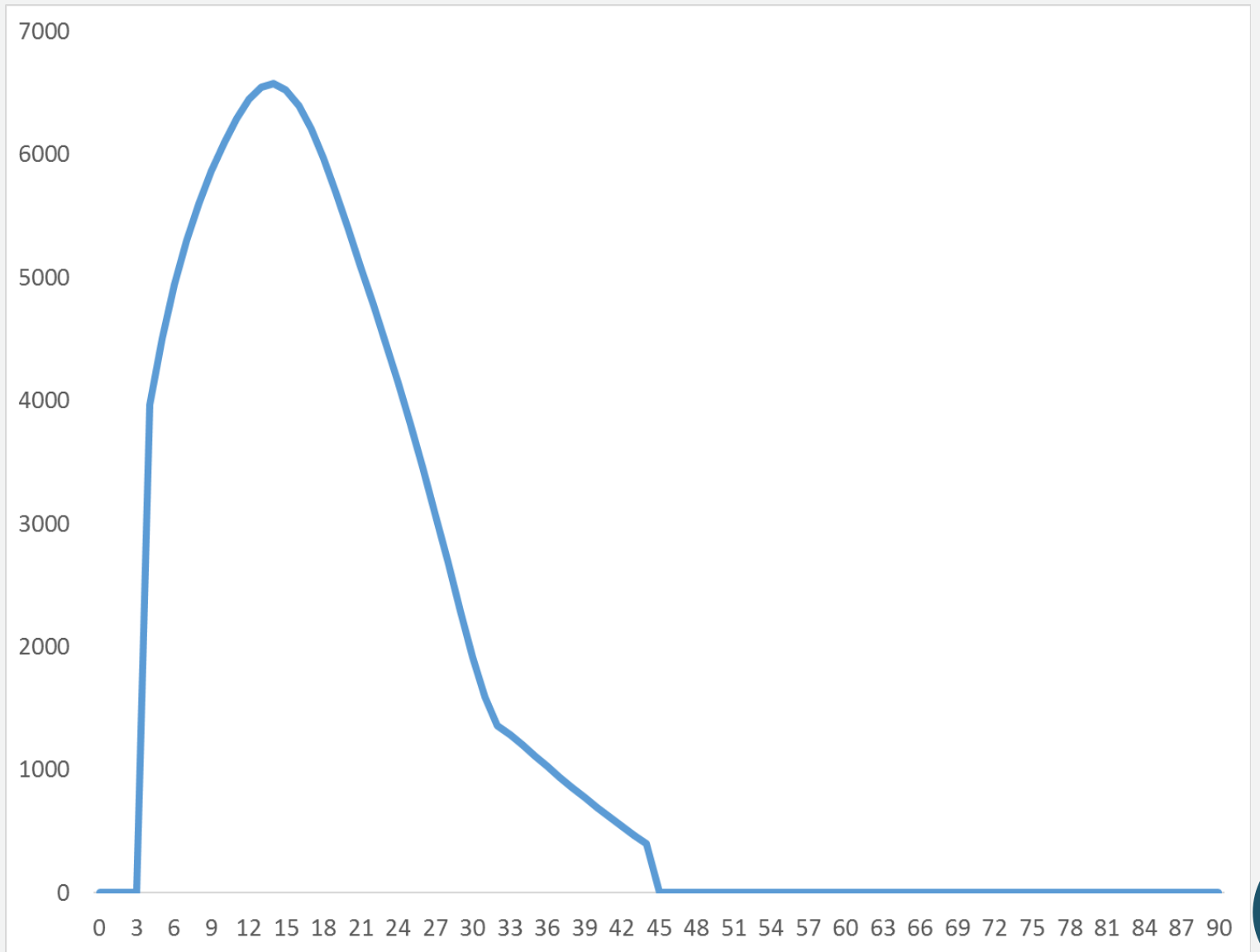
Private Education Consumption



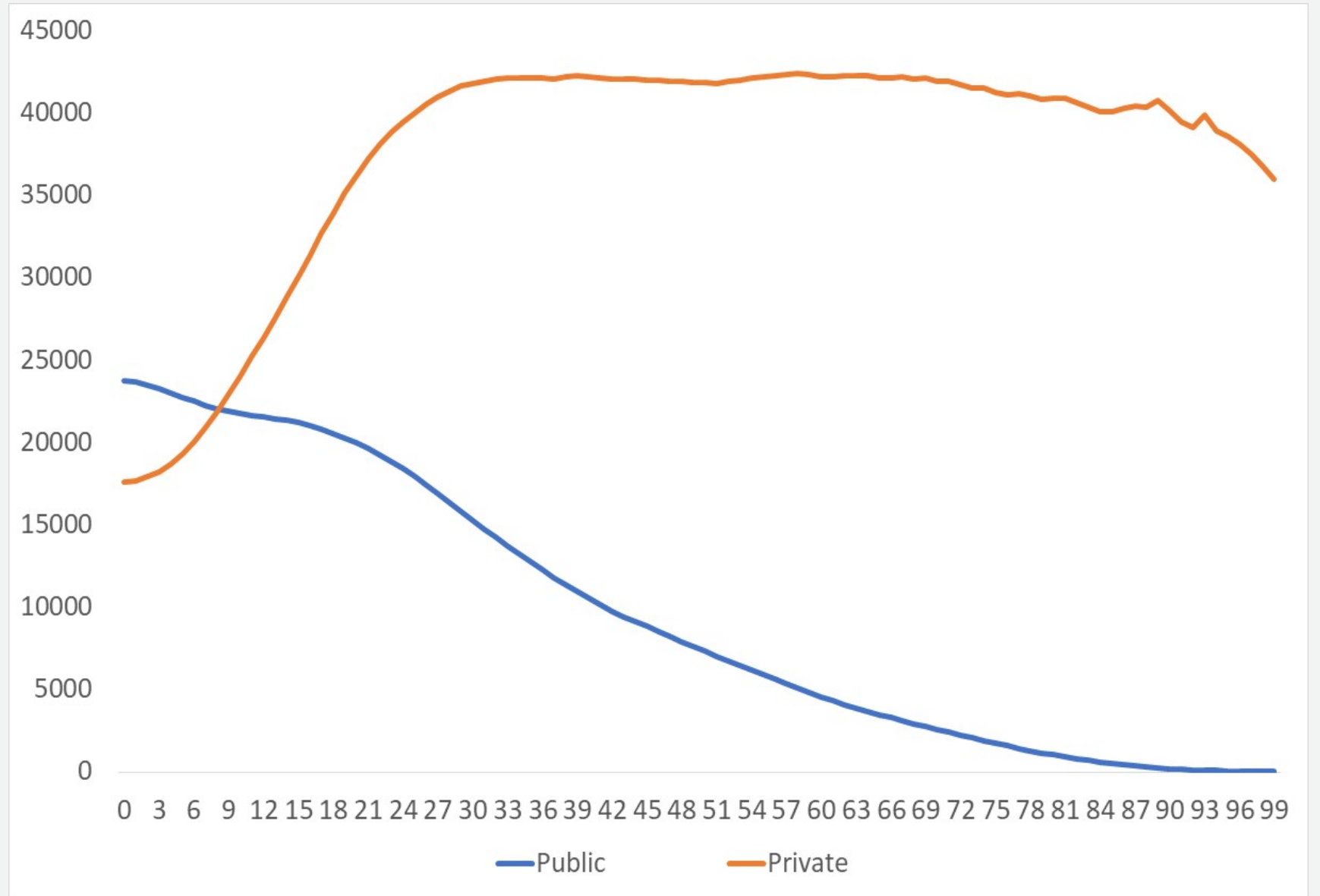
Public Education Consumption



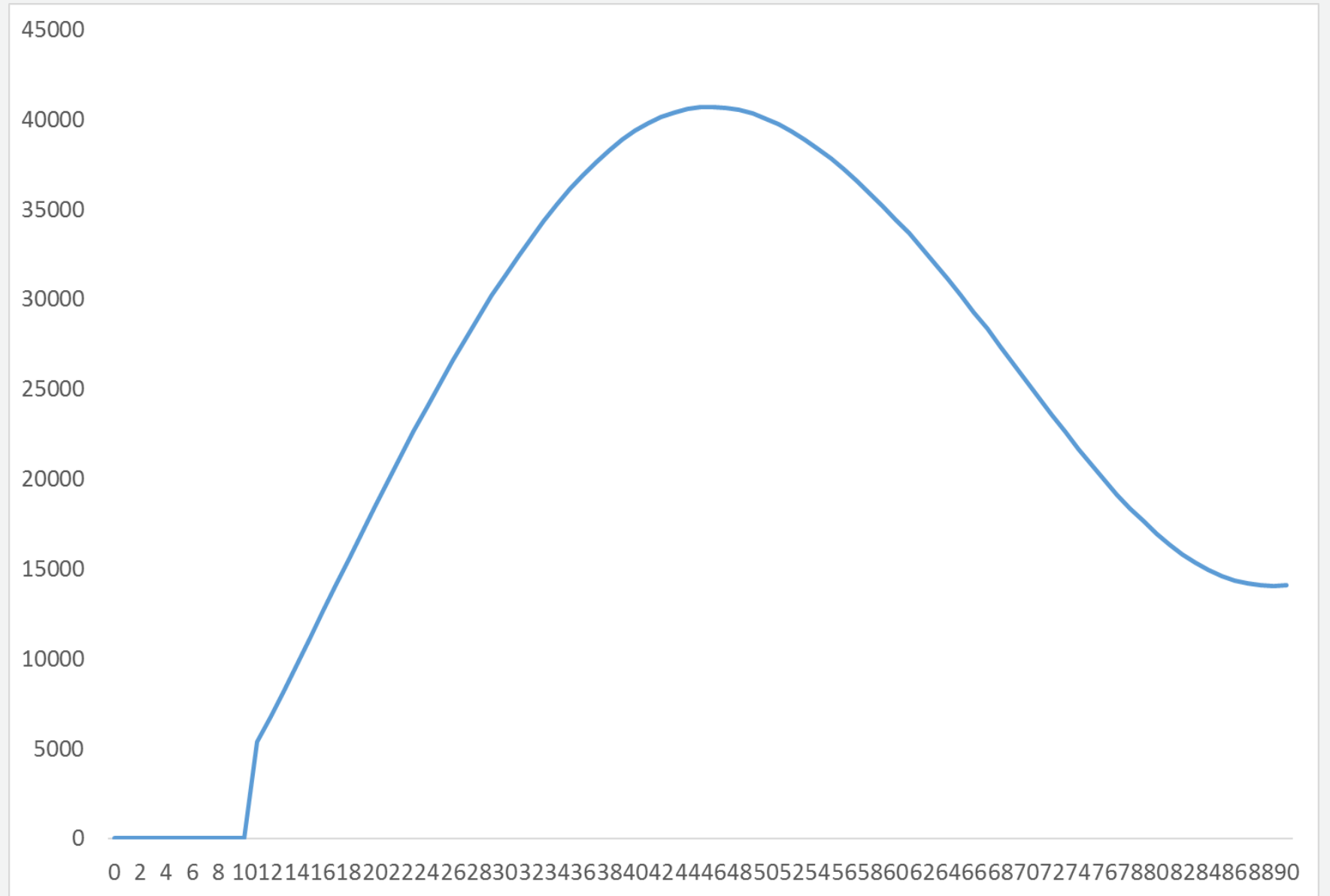
Total Education Consumption



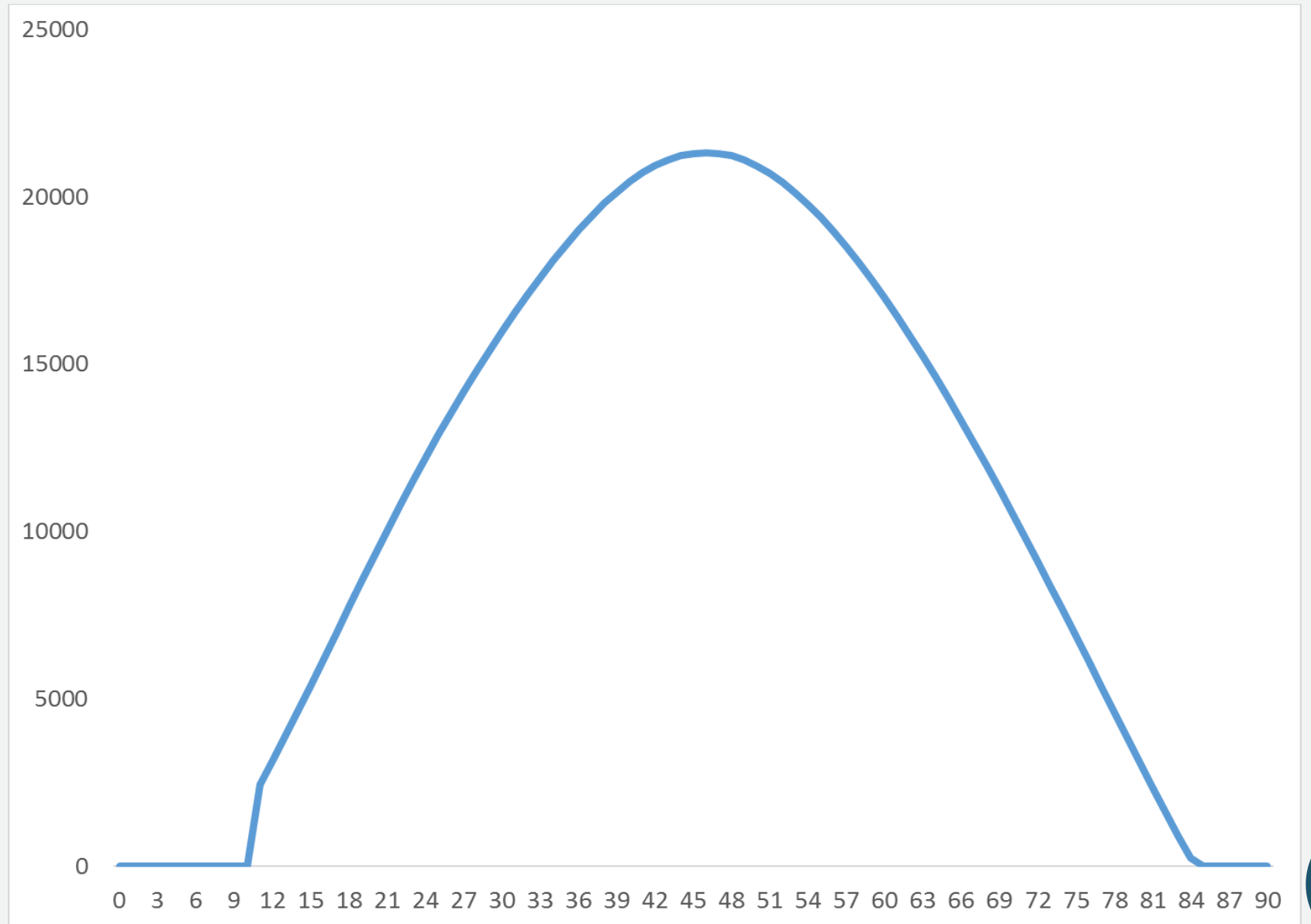
*Other
Consumption:
Public and
Private*



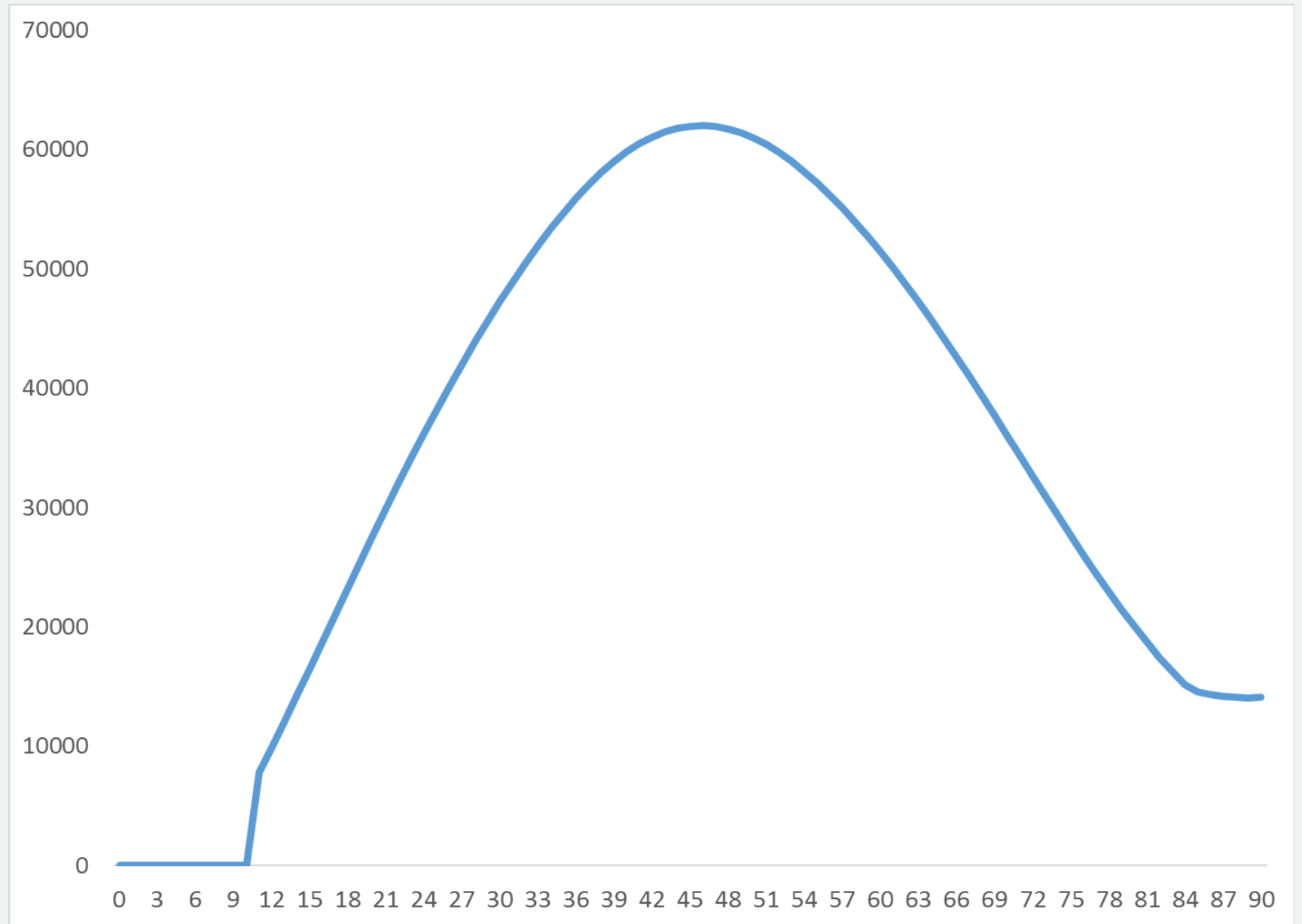
*Labour
Income:
Employed
including
pension*



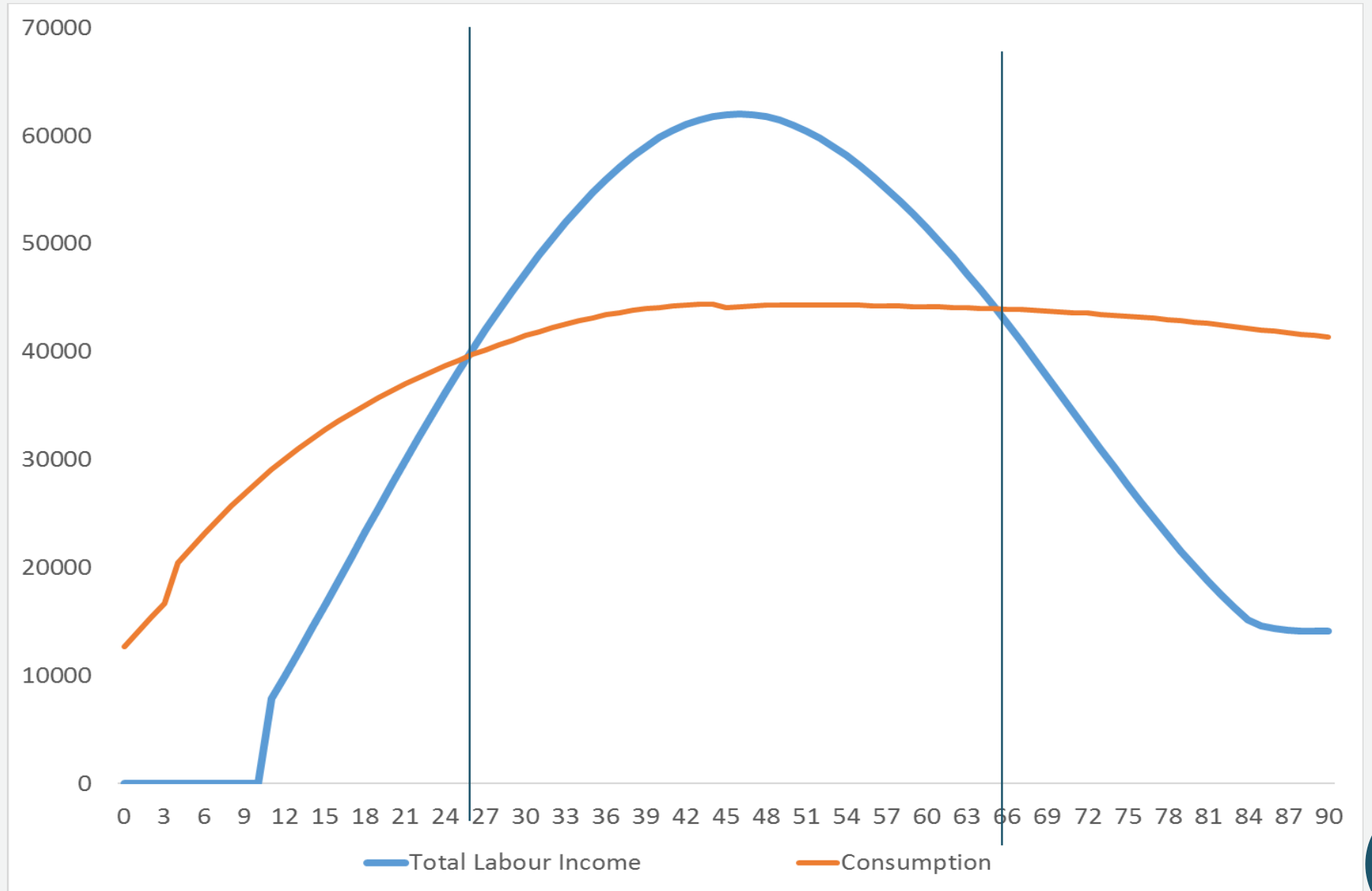
Income of Self-employed and Unpaid Labour



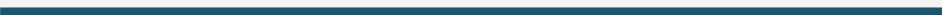
Total Income



Age Profile: Consumption and Income



Aggregate Controls




Allocation of NTA Primary Income (Billion PKR)

	Private		Public		Total Economy		ROW		Total	
	Inflows	Outflows	Inflows	Outflows	Inflows	Outflows	Inflows	Outflows	Inflows	Outflows
Labor income	4,269.92				4,269.92		184.14	38.11	4,454.06	38.11
Compensation of employees	2,553.75				2,553.75					
Self-employment labor income	1,716.17				1,716.17					
Asset income	5,916.07	1,997.34	449.19	949.15	6,365.26	2,946.49	938.44	17.24	7,303.70	2,963.73
Capital income (net)	4,339.97				4,339.97				4,339.97	
Capital income, corporations and NPISHs	3,482.00				3,482.00				3,482.00	
Capital income, owner-occupied housing										
Capital income from mixed income	857.97									
Property income	1,576.10	1,997.34	449.19	949.15	2,025.29	2,946.49	938.44	17.24	2,963.73	2,963.73
Interest on consumer credit										
Other property income			449.19	949.15	2,025.29	2,946.49	938.44	17.24	2,963.73	2,963.73
NTA national income, net	8,188.64			-499.96	7,688.68					
Downward adjustment of consumption					1,730.59					
SNA national income, net					9,419.28					

Aggregate Lifecycle Flows (Billion PKR)

Lifecycle Deficit	953.05
Consumption	5,222.97
Public Consumption	1,370.05
Private Consumption	3,852.92
Labor Income	4,269.92
Earnings	2,553.75
Self-employment Labor Income	1,716.17

Data Issues

- Other Current Transfers
 - Sub-Categories
 1. Net non-life insurance premia
 2. Non-life insurances claims
 3. Current transfers with government
 4. Current International cooperation
 5. Miscellaneous current transfers
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THANK YOU

