

Predicting Population Pyramids



Using the statistics provided below, construct population pyramids for the following years: 1961, 1995, 2021, 2041. The data is in ten year increments (0-9, 10-19, etc.).

1961	m	f	1995	m	f	2021	m	f	2041	m	f
	12.5	12.2		7.0	6.5		5.6	5.2		5.2	4.8
	11.5	11.2		7.0	6.5		5.8	5.3		5.4	4.8
	10.3	10.0		7.0	6.5		5.8	5.3		5.4	5.1
	14.3	14.4		14.0	13.2		12.1	11.2		11.8	10.9
	13.6	13.5		17.0	16.3		13.7	13.0		12.7	11.8
	12.9	13.3		16.9	16.4		13.7	13.3		13.3	12.5
	10.4	10.2		12.6	12.3		13.3	13.1		13.6	12.9
	7.1	7.0		8.5	8.5		13.7	13.9		12.3	12.1
	7.3	7.9		10.3	13.8		15.9	19.7		20.1	25.0

- Describe each pyramid's overall shape and situation.
- Label the "baby boom" on your 1961 pyramid and the "baby boomers" progression on each of the subsequent pyramids.
- Attempt to describe the economic situation in each pyramid.
- Use the pyramids to confirm the "greying of Canada".
- Describe the changes in the birth and death rates of the pyramids.
- What has happened to the sex ratio since the early 1960's?
- Identify 2 socio-economic concerns the projected pyramid of 2041 poses for the future.
- What percentage of the total population does the workforce comprise in each of the pyramids?
- If you are a member of the workforce in the year 2041, what concerns might you have?
- What is happening to the upper dependency load from the period 1961 to 2041?
- What is happening to the lower dependency load from the period 1961 to 2041?
- What do the expected changes in Canada's dependency load mean for the future?