

The table below shows highest attained educational status for a sample of Irish residents age 25 or over.

	Did not Complete	High school graduate	Some college	Associate degree	Bachelor degree	Graduate degree (G)	Total
25-44 (J)	95	228	143	81	188	61	
45-64	83	256	136	80	150	67	
65+	96	191	84	36	80	41	
Total							

- 1) Compute the different total for rows and columns.
- 2) Let's pick out randomly an Irish inhabitant in this poll.
Give the probabilities of:
 - a) The inhabitant is 65 years old or over.
 - b) The resident has a bachelor degree.
 - c) The inhabitant is a high school graduate and is between 45 and 64 years old.
 - d) The resident has a graduate degree knowing he or she is less than 44 years old.
 - e) The resident is over 65 years old knowing he or she has an associate degree.
- 3) Compute $p_G(J)$. Interpret this value.

Associate degree : Two year college degree (équivalent du DEUG (L2) en France)

Bachelor degree : Three year college degree (équivalent de la licence en France)

Graduate degree : master degree, professional degree and doctorate degree