

Pb. 1973 Zone 2

g_i	f_i	$g_i \times f_i$	$f_i \times g_i^2$	$(f_i \times g_i)^2$
1	36	36	36	
2	31	62	124	
3	18	54	162	
4	18	72	288	
5	20	100	500	
6	6	36	216	
7	8	56	392	
8	1	8	64	
9	1	9	81	
10				
	<u>139</u>	<u>433</u>	<u>1863</u>	

000722

1.5
3.5

3.5

$$\bar{g} = \frac{\sum g_i f_i}{\sum f_i} = 3.1\%$$

$$s^2 = \frac{1}{\sum f_i - 1} \left[\sum f_i g_i^2 - \frac{\{\sum f_i g_i\}^2}{\sum f_i} \right] = \frac{1}{138} [1863 - 1349]$$

$\frac{74.9}{35.2} = 2.128$

$$s^2 = 3.72$$

$$s = 1.93$$

Pb. 1967 Zone 2

g_i	f_i	$g_i \times f_i$	$f_i \times g_i^2$	$(f_i \times g_i)^2$
1	30	30	30	
2	40	80	160	
3	17	51	153	
4	9	36	144	
5	22	110	550	
6	10	60	360	
7	2	14	98	
8	1	8	64	
9	0	0	0	
10	0	0	0	
11	0	0	0	
12	0	0	0	
13	2	26	338	
	<u>133</u>	<u>415</u>	<u>1897</u>	

$\bar{g} = \frac{415}{133} = 3.1\%$

$s^2 = \frac{1}{132} [1897 - 1295]$

$s^2 = 4.56$

$s = 2.13$