

Jamaican AIDS Data

Year	Years Since 1982	Data Number of Cases	Change	Percent Change	My Exponential Model	EXP Error	My Power Model	POW Error
1982	0	1			2	1	0	1
1983	1	0	-1	-100	2	2	1	1
1984	2	1	1	100	3	2	6	5
1985	3	3	2	200	5	2	15	12
1986	4	6	3	100	7	1	30	24
1987	5	33	27	450	10	23	50	17
1988	6	30	-3	-9	15	15	77	47
1989	7	63	33	110	21	42	110	47
1990	8	62	-1	-2	31	31	149	87
1991	9	133	71	115	45	88	196	63
1992	10	99	-34	-26	66	33	251	152
1993	11	235	136	137	96	139	313	78
1994	12	359	124	53	141	218	383	24
1995	13	505	146	41	205	300	461	44
1996	14	527	22	4	300	227	547	20
1997	15	609	82	16	438	171	642	33
1998	16	645	36	6	639	6	746	101
1999	17	892	247	38	933	41	859	33

Exponential Model
 $r = 0.46$
 $C(0) = 1.5$
 Error
 Sum = 1341

Power Function Model
 $r = 2.32$
 $K = 1.2$
 Error
 Sum = 790

