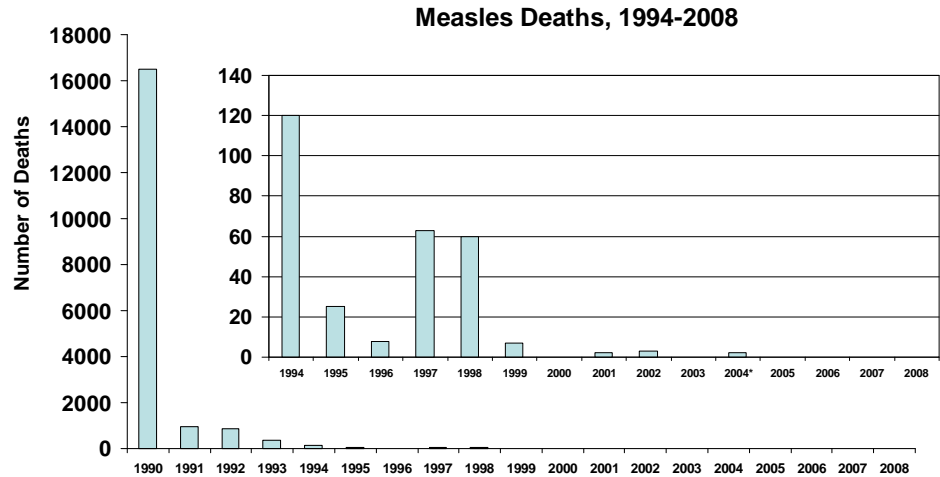




This week's graph reminds us how, less than 20 years ago, over 16,500 persons were reported to have died of measles in a single year in Latin American and the Caribbean.

Since the interruption of endemic measles transmission in the Americas in November 2002, only 2 deaths have been reported, both from subacute sclerosing panencephalitis (SSPE), a late onset neurological complication of the disease.

Reported Number of Measles Deaths Latin America and the Caribbean, 1990-2008



*2 deaths in 2004 due to subacute sclerosing panencephalitis.

Source: Comprehensive Family Immunization (FCH-IM), PAHO.

Table No.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-21, 2009

Subregion and Country		Suspect Cases 2009	Measles Confirmed 2009			Year/Week Last Confr. Measles Case	Rubella Confirmed 2009			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2009		Congenital Rubella Syndrome		CRI *
			Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.	
AND	BOL	81	0	0	0	00/40	0	0	0	06/03	0	76	2	...	2
	COL	144	0	0	0	02/39	0	0	0	07/31	0	138	34	...	
	ECU	235	0	0	0	08/21	0	0	0	04/45	46	188	0	0	
	PER	342	0	0	0	08/18	0	0	0	06/45	1	311	...	...
BRA	VEN	172	0	0	0	07/06	0	0	0	07/34	7	163	...	...
	BRA	3640	0	0	0	06/48	0	0	0	08/53	139	2395	43	1	
	CAP	1	...	...	...	05/22	...	...	...	01/42	0	0	...	...
	ELS	90	0	0	0	01/19	0	0	0	06/30	2	88	...	...
	GUT	114	0	0	0	08/05	0	0	0	06/30	0	96	5	0	
	HON	48	0	0	0	07/29	0	0	0	04/11	6	41	19	0	
	NIC	60	0	0	0	04/14	0	0	0	04/19	0	60	0	0	
	PAN	28	0	0	0	09/49	0	0	0	02/48	0	28	1	0	
CAR	CAR	197	0	0	0	08/26	0	0	0	08/18	2	72	0	0	
	LAC	312	0	0	0	09/27	0	0	0	04/06	0	312	0	0	
	DOR	52	0	0	0	01/23	0	0	0	06/44	0	33	...	...
	FGU	7	0	0	0	...	0	0	0	...	7	0	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	2	0	0	0	01/39	0	0	0	06/47	0	0	1	0	
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...
	MEX	1191	0	0	0	06/49	0	0	0	08/20	0	639	0	0	
	NOA	...	0	8	8 ^a	09/20	0	2	2 ^a	09/18	...	...	...	...
SOC	USA	...	0	39	39 ^a	09/18	0	2	2 ^a	08/47	...	...	...	...
	ARG	104	0	3	3 ^a	09/15	0	3	3 ^a	09/04	5	88	5	2	
	CHI	67	0	1	1 ^a	09/07	0	0	0	08/30	0	52	70	0	
	PAR	172	0	0	0	09/44	0	0	0	05/21	13	159	1	0	
URU	1	0	0	0	09/08	0	0	0	01/37	0	1	...	...
TOTAL		7060	0	51	51	-	0	7	7	-	228	4940	181	2	2

... No report received; * Congenital rubella infection; (a) See Table 2 for infection source.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-21, 2009

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							
	CAP							
	COR							
	ELS							
	GUT							
CAR	HON							
	LAC							
	NIC							
	PAN							
	PAN							
MEX	CAR							
	LAC							
	CUB							
	DOR							
	FGU							
NOA	GUA							
	HAI							
	MAR							
	PUR							
	MEX							
SOC	CAN	3	5		1		1	
	USA	14	12	13			2	
	ARG	1	2					
	CHI	1						
	PAR							
URU								
TOTAL		19	19	13	1		3	

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-21, 2009

Country	Pending Cases 2008	Cumulative 2009	Week of Rash Onset							Unkn.
			1-16	17	18	19	20	21		
BOL	0	5	1	2	0	0	2	0		
COL	1	6	5	1	0	0	0	0		
ECU	0	1	0	1	0	0	0	0		
PER	2	30	16	3	2	4	4	...	1	
VEN	22	2	2	0	0	0	0	0		
BRA	841	1106	863	73	95	75	...	...
CAP										
COR	23	...	...	...	...	...	...	...	1
ELS	0	0	0	0	0	0	...	...
GUT	3	18	6	2	5	4	1	0		
HON	0	1	1	0	0	0	0	0		
NIC	0	0	0	0	0	0	...	...
PAN	1	0	0	0	0	0	0	0		
CAR	0	123	82	15	12	9	4	1		
LAC										
CUB	0	0	0	0	0	0	0	0		
DOR	1	19	15	3	1	0	0	...		
FGU	0	0	0	...	...	...	...	...
GUA	...	...	...	...	...	...	...	...
HAI	0	2	2	0	0	0	0	...		
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	549	493	18	8	22	6	2		
NOA										
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
SOC										
ARG	0	5	0	1	0	3	1	0		
CHI	2	14	12	2	0	0	...	...
PAR	0	0	0	0	0	0	0	0		
URU	0	0	0	0	0	0	...	...
TOTAL	896	1881	1498	121	123	117	18	3	2	

I: Imported; IR: Import-related; U: Unknown; IN: Indigenous

... No report received

Table No.4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-21, 2009

Sub-region and Country		% Sites Reporting Weekly	% Cases with Adequate Investigation	% Cases with Adequate Sample	% Lab Received ≤5 days	% Lab Result ≤4 days	% Cases Discarded by Lab	Chains of Transmission With Representative Samples for Viral Isolation	
								Measles	Rubella
AND	BOL	78	99	100	63	87	100		
	COL	64	70	91	82	90	100		
	ECU	84	71	99	92	90	98		
	PER	95	94	99	65	80	94		
	VEN	...	56	97	68	74	99		
BRA	BRA	78	42	49	...	...	99		
	CAP								
	COR	...	...	0	0	0	...		
	ELS	85	90	99	90	82	99		
	GUT	...	29	96	96	52	96		
CAR	HON	93	98	90	73	94	100		
	LAC								
	NIC	100	79	95	97	97	98		
	PAN	85	86	96	86	86	100		
	PAN	99	46	98	33	95	99		
MEX	CAR	100	100	100	100	100	100		
	LAC								
	CUB	83	44	96	68	36	94		
	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
NOA	HAI	100	0	100	50	50	...		
	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
	MEX	94	98	97	78	80	100		
	NOA								
CAN	...	...	...	...	...	...
USA	...	...	...	...	...	...
SOC	ARG	80	80	100	80	97	100		
	CHI	99	0	81	70	85	94		
	PAR	89	60	99	95	100	100		
	URU	78	100	100	100	0	100		
	Total and Average		85	62	72	78	84	98	

... No report received.