



Surveillance Bulletin

Week-01 (29Dec, 2007- 04 Jan, 08)

Table of contents

• High lights-----	02
• Dengue fever-----	02
• Reporting sites-----	03
• Morbidity-----	04
• Mortality-----	05
• Alerts-----	07
• Snake and dog bites-----	07

Highlights

- Due to law and order situation in Sindh there was less number of reporting units.
- This week there were 88 reporting units from different districts of Sindh including two flood affected districts Dadu as **compared to week 52, there were** 68 reporting units.
- There were total **15454** consultations and **16 deaths were reported from Civil Hospital Dadu as usual.**
- **ARI** was on top with 4711 cases comprising 30% of total consultations. It is due to winter season.
- **Scabies** remained at second with 1917 cases, 12% of total consultations.
- **Malaria** was at third number with cases 10%. Acute diarrhea was on 4th number and 5.6%.
- The children less than five years were 2627, which becomes 21% of total cases while the patients above five years were 9802, with percentage of 79%.

0-< 5 YRS		>5YR->15 YRS		15-44 YRS		45+YRS		<5YRS CASES	>5YRS CASES	TOTAL
M	F	M	F	M	F	M	F			
1709	1662	1939	1851	2487	2703	1568	1538	3371	12083	15454

Table 1: Shows the number of cases according to age groups

- There were total 7754 female cases (50.2%) and total 7700 male cases (49.8%), out of 15454 total cases shows that the number of female cases is higher than male cases.

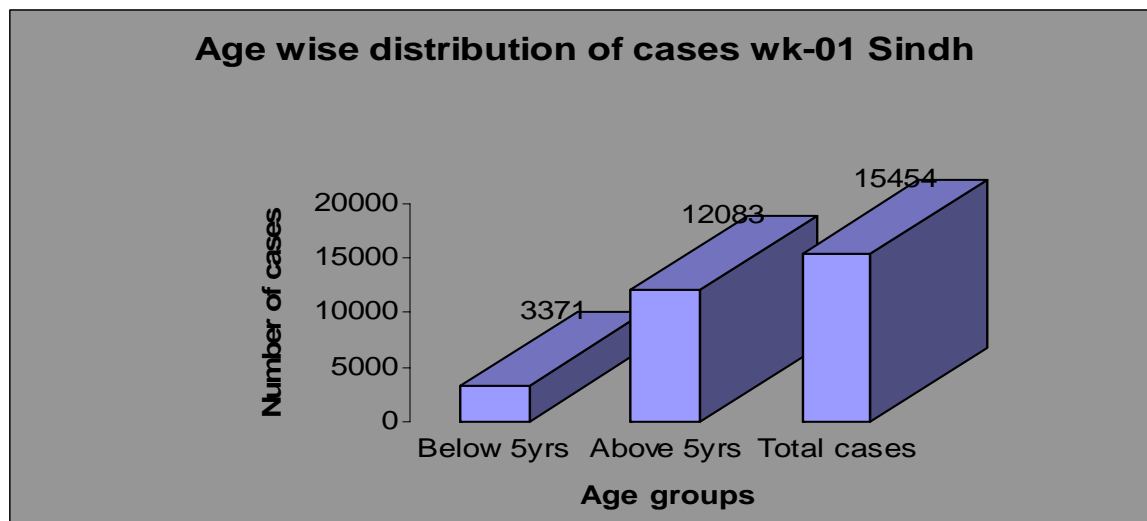


Figure: 01, showing the age wise distribution of cases in Sindh during week-4

- **Dengue fever** is continuously prevailing in Karachi. Up to 4th Jan 2008 total 2931 cases of suspected dengue fever were reported out of them 970 were

confirmed and there were 23 deaths of this year. It may be noted that after a gap of some weeks a death is occurred, secondly four cases were reported from Liaquat Medical College Jamshoro/Hyderabad, which were reported first time otherwise all cases were reported from different hospitals of Karachi. No death was reported from Liaquat Medical University Hospital Jamshoro/Hyderabad. Though the number of Dengue fever cases is decreased but it spread other parts of Sindh also as Liaquat University Hyderabad is reporting the cases.

Dengue cases in Sindh year 2007-08 up to week 01 of Jan 08			
Name of Hospital	Suspected cases	Positive cases	Deaths
Aga Khan University Hospital	261	257	6
Liaquat national Hospital	72	15	9
Civil Hospital Karachi	97	47	2
Ziauddin Hospital Karachi	1141	136	2
JINAH Post Graduate Medical Center	502	19	3
BISMILLAH Taqi Center	410	267	0
National Institute of Child Health Karachi	13	13	0
Baqai Hospital Karachi	61	19	1
Liyari General Hospital	2	2	0
Patel General Hospital	58	2	0
OMI Hospital	6	3	0
Usman Memorial Hospital	2	2	0
Zainab Panjwani Hospital	48	46	0
Karachi Adventist Hospital	12	11	0
Darulshifa Hospital	103	54	0
Services Hospital	15	1	0
SGH Saudabad	2	2	0
Star general hospital	3	3	0
Kutiana Memon Hospital	38	28	0
Rub medical center	14	14	0
Holy Family Hospital	69	18	0
Sindh Government Hospital Orangi Town	2	2	0
Liaquat Medical University Hospital Hyderabad/ Jamshoro	4	4	0
Total	2935	970	23

Table No.02 shows the suspected, confirmed dengue cases and deaths in Karachi and Hyderabad

Reporting Sites

This week 88 sites reported as compared to 68 in week 52. In this week total 06 districts have reported as compared to 05 districts in last week.

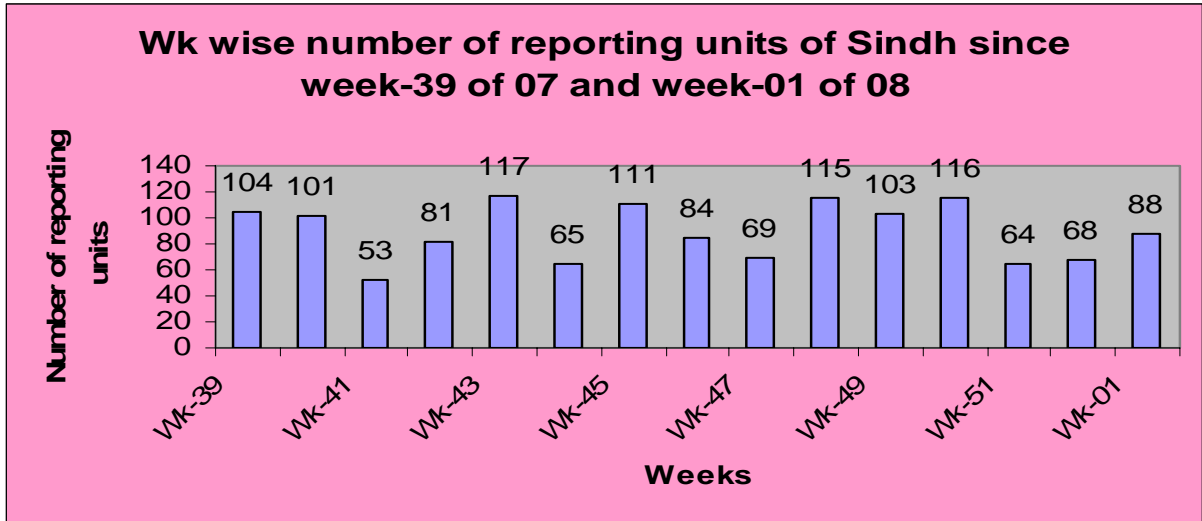


Figure 02: Showing the week wise reporting units from 39 week of 07 and week-01 of 08.

Aggregated report for the reporting units

Number of Reporting Units in the current Epidemiological WEEK: **2008-1**

Districts	# of Reports received	% of Reports received	Percentage of Reporting Units by received
BADIN	10	12.50	80.00
CITY DISTRICT KARACHI	11	3.63	303.00
DADU	45	66.18	68.00
KAMBER @ SHAHDADKOT	9	13.43	67.00
LARKANA	5	7.81	64.00
MATIARI	8	25.00	32.00
Total	88	14.33	

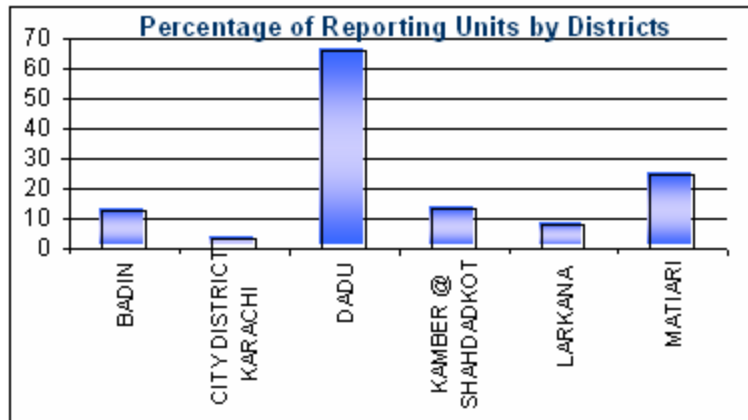


Figure: 03, showing the districts with their reporting units

If we see the above figure we will see that Dadu is only the district which is sending more than 60% reports every week, the Kamber is sending round about 13% reports.

MORBIDITY: In epidemiological week 1-2008 the total number of consultations was 15454. The cases of ARI were on the top total cases 4711 their % is 30, followed by scabies total 1917 cases with 12%, malaria 10% and AWD 5.6%.

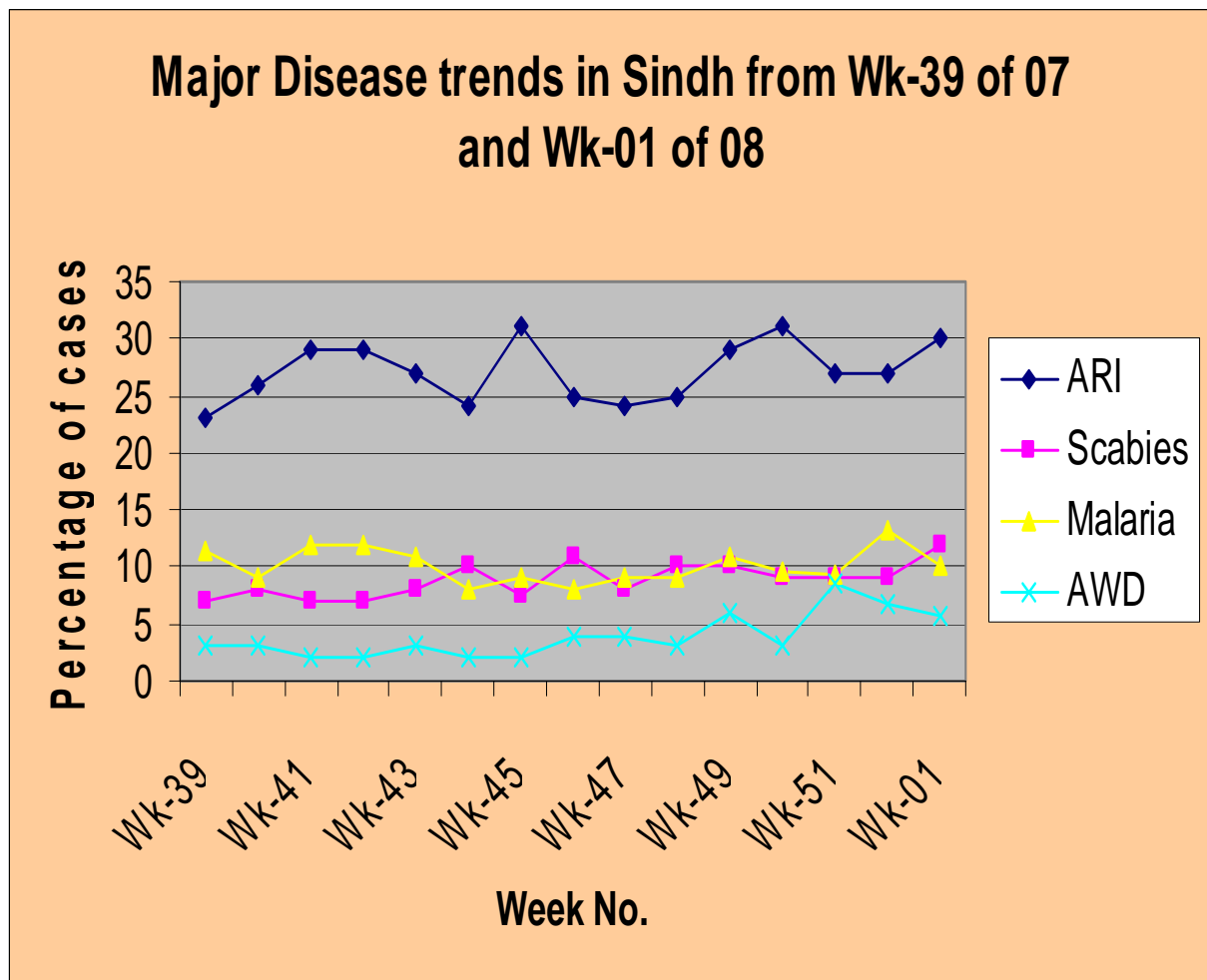


Figure 04: Showing the disease trends from epidemiological week 39-48

If we go through the above chart we will see that ARI is the disease which is higher in percentage than other cases, the scabies is on second, Malaria on third and acute diarrhea on 4th number. This pattern is continuously going on only the malaria and scabies replace to each other.

Mortality: There were 16 deaths reported from Civil Hospital Dadu only in this week. No other district has reported the deaths from any health

facility. This does not mean that there are no deaths in any other district but other districts are not reporting every week, if they are reporting which is under reporting.

Death(s) reported in Week-01

Table: 02

S No	Reporting Site	Patient Name	Age	Sex	Address	Cause of death
1.	C.H Dadu	ABB S/OAyaz Babar	1-day	M	Dadu	Septicema
2.	C.H Dadu	D/O Nasszaman Magsi	21-day	F	Dadu	NN Sepsis
3.	C.H Dadu	Sumera D/O Ghulam Shabir	3-Years	F	-	C.Malaria
4.	C.H Dadu	Awais S/O Ghulam Hussain	1-month	M	Noorwah	Septicema
5.	C.H Dadu	Sahibazadi D/O Muhammad Khan	10-days	F	Ariz Mohd Lund	Septicema
6.	C.H Dadu	ABB S/O Khamiso Khan	3-days	M	Sehwan	NN Sepsis
7.	C.H Dadu	Muhtab Ali S/O Nisar	2-month	M	Johi	FTT
8.	C.H Dadu	Faheem S/O Mohd Yaseen	14-days	M	Samtani	Septicema
9.	C.H Dadu	Abdul Aleem S/O Ab: Sami	30-Years	M	-	Hepatitis
10.	C.H Dadu	M.Ayaz S/O Khamiso Khan	70-Years	M	Bahi Khan Lashari	CMP
11.	C.H Dadu	Karwar W/O Bachal Solangi	50-Years	F	Bhudo Machai	RTI
12.	C.H Dadu	Buxal S/O M.Saleh	50-Years	M	Dadu	CVA
13.	C.H Dadu	Guisssher S/O Amir Chandio	54-Years	M	-	Fever
14.	C.H Dadu	Gh: Qadir S/O M.Usman	50-Years	M	Andhal Panhwar	COPD
15.	C.H Dadu	Yasir S/O Noor Mohd Solangi	50-Years	M	Dadu	CLD
16	C.H Dadu	Mohd Waris S/O Khaiair Mohd	90-Years	M	Dadu	Uremia

Table 03: showing the deaths in Civil Hospital Dadu

If we go through above table we will find that there were 16 deaths in Civil Hospital Dadu, out of which 07 deaths were of neonates, one child of two months and eight deaths of adults. So we can say that there were 50% deaths of children less than 05 years and out of them 87.5% were the neonates. Therefore it is obvious that there is need to improve the MCH services in the hospital. It is only Dadu which reports but other districts have the same or worst condition but they are not reporting. The efforts of EDO Health Dadu and his team are appreciable in this regard.

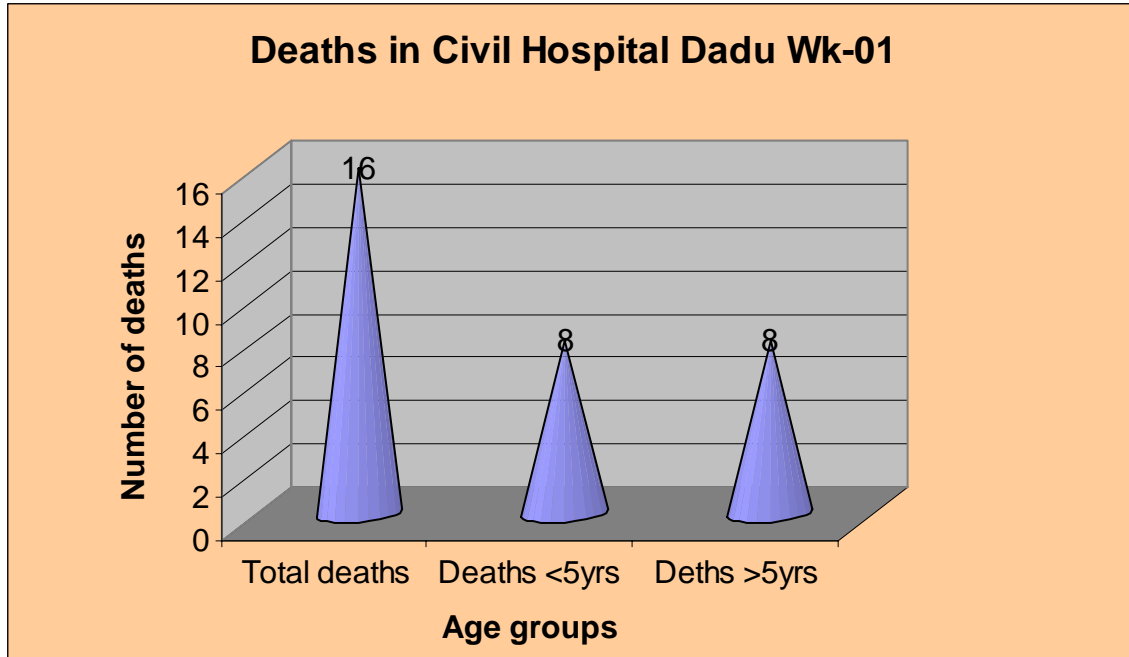


Figure 05: Showing the age wise mortality in Civil Hospital Dadu.
 As usual we will see that in Civil Hospital Dadu due to shortage of MCH facilities the neonates and young children are dying in large number.

Alerts and Response:

There were 23 false alerts of suspected Dengue cases were reported from BHU Areja of Larkana District on enquiry from Dr. A. majeed Jaser DOH PH Larkana, actually these were scabies cases by mistake these were entered in the column of Dengue Fever.

Dog bite and snake bite cases are decreasing in every week in Sindh

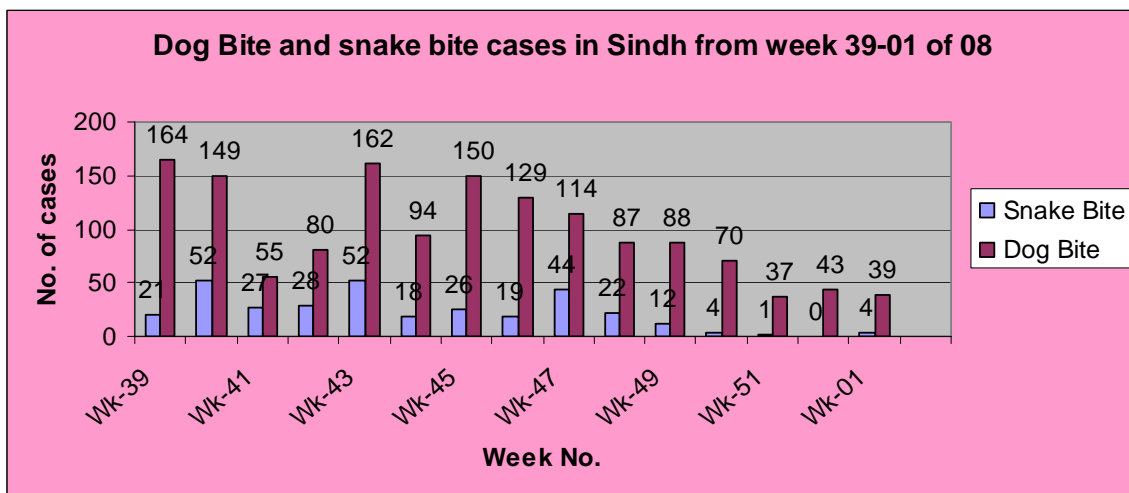


Figure No. 06 Showing the dog bite and snake bite cases in Sindh Wk-39-48
 The above chart shows that the dog bites and snake bite cases are decreased in week-01 and there were 04 cases of snake bite and there were 37 dog bite cases in Sindh.

By: DEWS Team Sindh