



Surveillance Bulletin

Week-05 (26th Jan -1st Feb, 08)



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Highlights



Figure 01: Showing a child of 08 years R/O Haibat Magsi with skin infection on his frontal region.

- This week there were no Measles, AFP cases reported from any health facility.
- The dengue fever cases are no more found in Karachi and other districts of Sindh.
- The Avian bird influenza cases are not found in any area of Karachi or other parts of Sindh, this week. It was confirmed from different hospitals of Karachi and adjoining districts like Thatta and Badin.
- The ARI cases were high number, the Malaria on second, scabies was on the third and acute diarrhea was on the third number.
- The dog bite cases were 56 in number. This indicates that there is no control on the straw dogs by local government, which is their prime responsibility.
- This week 22 tehsils/towns of 06 districts have reported out of them there are 02 flood affected districts.

Reporting Units: In week No. 05 there were 97 reporting units from 06 districts of Sindh including two flood affected districts. The districts which reported, they were Kamber, Dadu, Larkana, Hyderabad, Karachi and Mirpurkhas. The Kamber and Dadu are reporting permanently while other districts are reporting off and on.

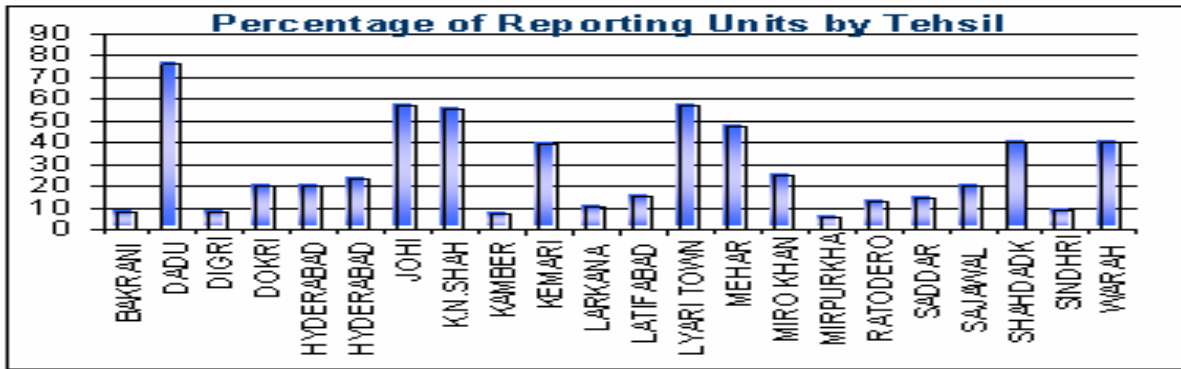


Figure 2: Aggregated report for the reporting units

Tehsil/Taluka	# of Reports received	% of Reports received
KEMARI TOWN	9	39.13
SADDAR TOWN	5	14.71
LYARI TOWN	8	57.14
DADU	13	76.47
JOHI	8	57.14
K.N.SHAH	10	55.56
MEHAR	9	47.37
HYDERABAD	1	20.00
HYDERABAD	6	23.08
LATIFABAD	3	15.00
WARAH	6	40.00
MIRO KHAN	2	25.00
KAMBER	1	7.14
SAJAWAL	1	20.00
SHAHDADKOT	4	40.00
BAKRANI	1	8.33
RATODERO	3	13.04
DOKRI	2	20.00
LARKANA	2	10.53
MIRPURKHAS	1	5.56
DIGRI	1	8.33
SINDHRI	1	9.09
Total	97	27.95

This may be noted that some districts are reporting on and off.

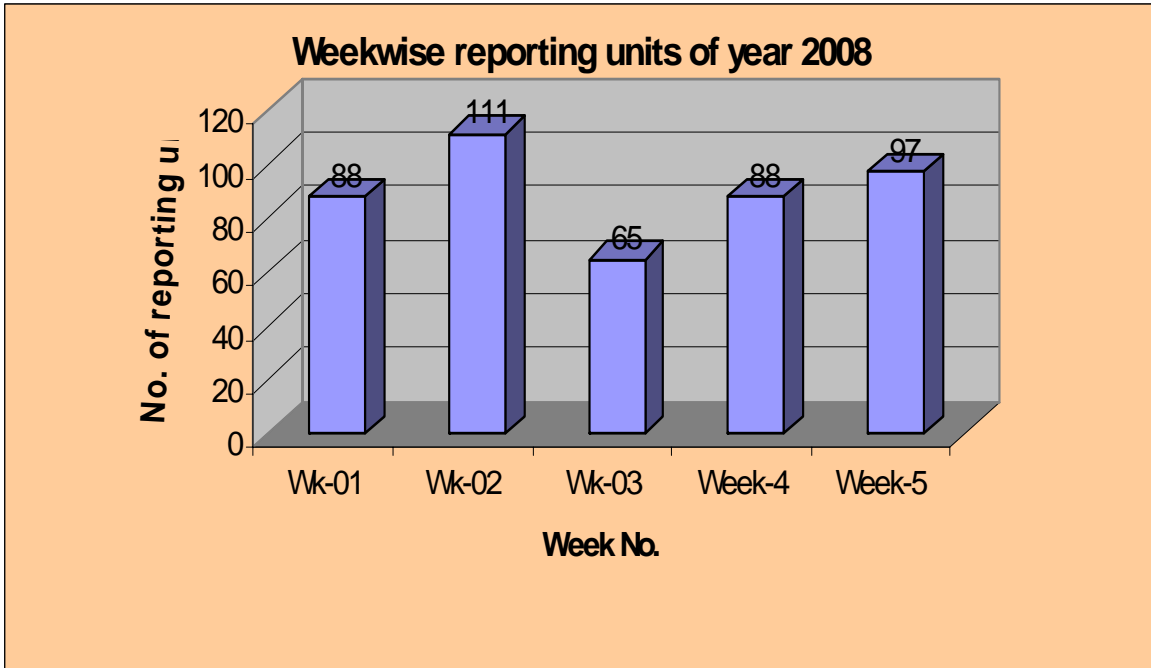


Figure 3: Showing the week wise reporting units

Total Number of Consultations: This week there were 27126 total consultations, out of which there were 5249 cases of patients under five years and 21877 cases of patients above 05 years. This makes 19% of total cases. These patients are reported from 06 districts of Sindh out of 23 districts. From these 06 districts not all the health facilities have reported.

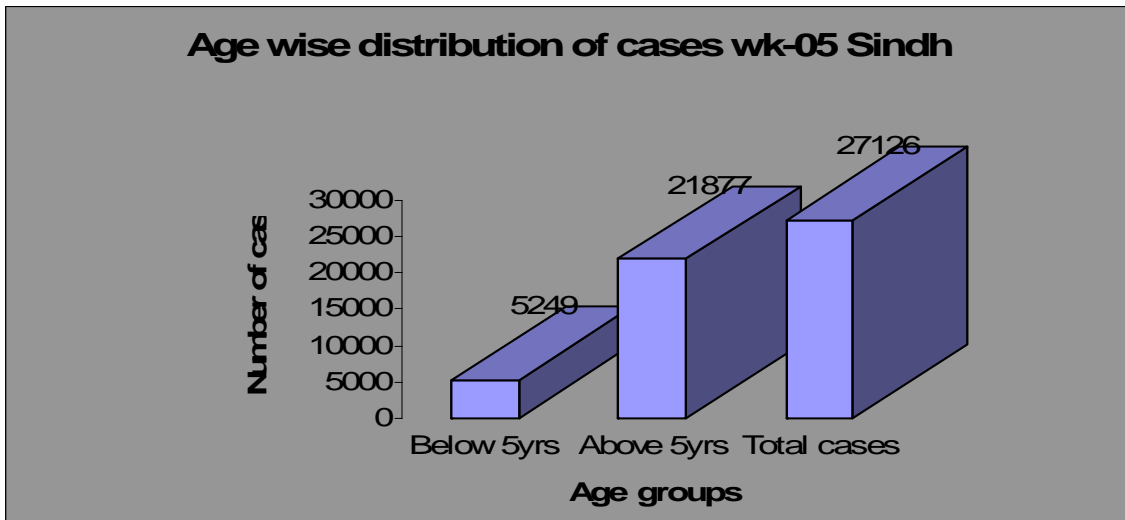


Figure 4: Showing age wise consultations of patients, week No. 05

DEWS Data Epidemiological Week -05: During this epidemiological week (26.1.08 to 1.2.08), total 27126 consultations were reported from different reporting centers of 06 different districts of Sindh, through DEWS system. The consultations below five years were 19% of the total consultations. From 5 to 14 years were 31.65%, from 15 to 44 years 29% and 45+years being 18.35%. Upper and lower respiratory tract infections were on the top. The upper and lower respiratory tract infections children below 05 years and 05 to 14 years were high as compared to other age groups. The scabies was on the second number, the adult age groups (15-44 years and 45 and above) higher percentage than the children of both age groups (0-4 years and 05 to 14 years). The malaria was on third number, it was almost equal in children 0-14 years and 15 years and above. The disease on the 4th number was acute diarrhea, which was higher in children below five years which was 8.8%, in children from 5 to 14 years it was 5.2%, in adults 15 years to 44 years, again it was 5.2% and in patients above 45 years was 4.3%.

Week No.05, 2008, consultation by gender: This week, there were 12002 male and 15124 female patients out of 27126 total consultations from 97 reporting facilities of nine districts of Sindh. The female patient's percentage is 55.75.

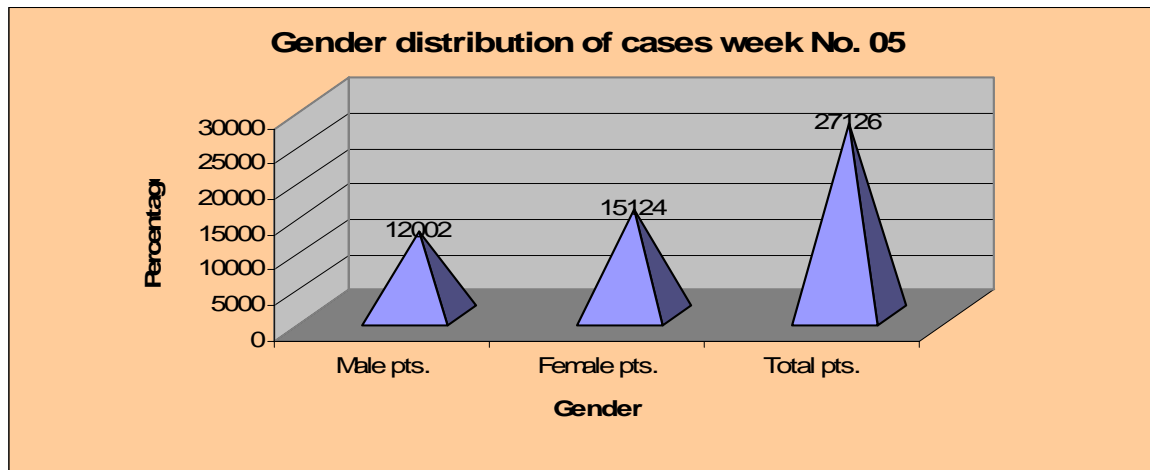


Figure 06: Showing gender wise distribution of consultations

DEWS Data epidemiological week 05, 2008, consultations by age: In this week there were total 27126 consultations out of which under five there were 5249 consultations, there were 8596 consultations from 5-14 years age patients. There were 7860 consultations of 15-44 years age patients and there were 5428 consultations of patients 45 and above.

0-<5 yrs	>5-<yrs yrs	15-44 yrs	45 yrs and above
5249	8596	7860	5428

Table 02 shows the age wise distribution of cases

Acute Diarrhea: There were 1582 total cases of diarrhea, out of 461 (8.8%) under five, 451 (5.2%) patients of 5 to 14 years age, 410 (5.2%) cases of 15-44 years age and 263 (4.3%) patients of 45 and above age. The percentage of AD was 8.8% of total consultations. It is clear that the children below 05 years have higher percentage than other age groups.

Bloody Diarrhea: There were 539 cases of bloody diarrhea out of which 116 cases less than five years age, 142 cases from age 05 to 14 years. There were 144 patients of 15 to 44 years age. The number of patients above 45 years was 119. In district like Kamber the number of bloody diarrhea case was high; it may be due to misunderstanding the case definition of AD and bloody diarrhea.

Acute Jaundice: The cases of acute jaundice syndrome were only five in number; this number was very low as compared to other weeks in the past. Out of these five cases two were from 5 to 14 years age and three from 15-44 years age.

Malaria: The total number of malaria cases 2653, it was on third number in the province which shows that malaria runs whole of the years but its number becomes high from July to November. There were 526 (9.9%) cases of children below five years, the number of cases of age between five and 14 years was 865 (10.1%), there were 801 (10.2%) cases of 15 to 44 years age and there were 465 (7.8%).

Dengue Fever: No any dengue fever case was reported from any part of Sindh this week.

Avian Bird Flu: No case of dengue fever was reported in humans even it was not found in poultry or other birds. From Islamabad Dr. Durani, and Dr. Zulifqar visited different poultry farms of Karachi and Civil Hospital Karachi and seen the isolation ward in the hospital. They also visited Jinnah Hospital Karachi and office of the Special Secretary Health department, Dr. Abdul Whid Bhurt Operations Officer Sindh and both SO DEWS Sindh and discussed about the bird flu and related issues.

Measles: In this week no any case of Measles was reported from any of the six districts which reported this week.

Upper and lower respiratory tract infections: The respiratory infections were on the top their total number was 9618 (35%). If we further make break up of the upper and lower respiratory system, total upper respiratory

system 5055 (18.6%) of total consultations and that of the lower respiratory system there were 4563 (16.8%) cases of the total. It may be noted that the children below five years age and between 05 and 14 years were on higher percentage (15.7% and 24.2% respectively) for lower respiratory tract and for upper respiratory system (21.8% and 17.9% respectively).

Snake and dog bite cases: This week there were 56 cases of dog bite from 95 reporting centers of Sindh. There were only two snake bite cases. It may be noted that this number is very small due to the winter season but in coming season there number will increase.

Other conditions under surveillance: In this week there was a large number of injuries also, they were 713 in number, the causes are road traffic accidents and not taking the safety measures during operating machines etc. The others were 7973 cases. The number of unexplained fever cases was 315.

Deaths: The deaths were reported from Civil Hospital Dadu as usual. There were total 10 deaths this week out of which 06 were neonatal deaths. The cause is shortage of MCH services, which is the dire need to be provided.

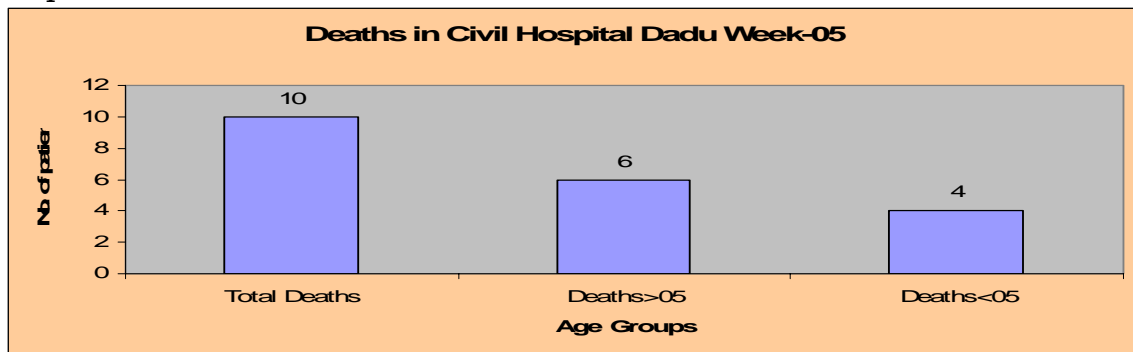


Figure 07: Showing the deaths in Civil Hospital Dadu week-05

The sixty percent neonatal deaths want the attention in this field as equipments, instruments and trained staff may be provided to this hospital.

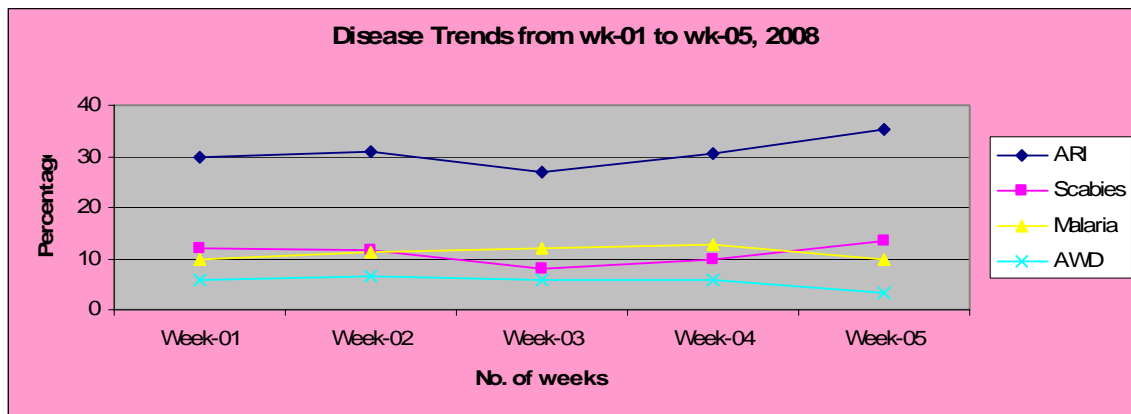
Death(s) reported in Week-05

S No	Reporting Site	Patient Name	Age	Sex	Address	Cause of death
1.	C.H Dadu	Patient	2-day	M	Vill. Bachal Leghari	Septicemia
2.	C.H Dadu	Patient	1-day	M	Dadu	Premature
3.	C.H Dadu	Patient	1-day	M	Johi	Premature
4.	C.H Dadu	Patient	1-day	M	Vill: Pir Bux Panhwar	NN Asphyxia
5.	C.H Dadu	Patient	10-day	F	Vill: Moundar	NN Asphyxia
6.	C.H Dadu	Patient	7-year	F	Dadu	Septicemia
7.	C.H Dadu	Patient	1-day	F	Vill: Changlani	Thalesemia
8.	C.H Dadu	Patient	60-year	F	Dadu	NN Asphyxia
9	C.H Dadu	Patient	60-year	M	Vill:Nangardero	Rt.Lower CAP
10	C.H Dadu	Patient	60-year	F	Dadu	Ch.

Table 03: Shows the deaths in Civil Hospital Dadu week-05

Alerts: One case of AFP was reported from Civil Hospital district Dadu. On confirmation from DSC Badin Dr. Qurban Bhurgri, he said that the patient named Waqar/O Nisar Ali age 6 months, R/O karimdad Lund diagnosed as hemiplegia of childhood. It was not a hot case. Its both stool samples were sent on 2.2.08 to NIH Islamabad.

Disease Trends: This week ARI was on the top it contributed 35.45% of total consultations, the scabies was on the second number contributing 13.5%, the malaria was on third number with 9.71% and acute diarrhea was on fourth number with 3.37%.



. Figure 08: Showing the week wise trend of major diseases