

An outbreak of infection or foodborne illness may be defined as two or more linked cases of the same illness, or the situation where the observed number of cases exceeds the expected number, or a single case of disease caused by a significant pathogen (e.g. diphtheria or viral haemorrhagic fever). Outbreaks may be confined to some of the members of one family or may be more widespread and involve cases either locally, nationally or internationally.

#### Number of Outbreaks and Total Number Ill by HSE Region in Week 3, 2012

HSE Region	Number of Outbreaks	Sum of Total number ill
E	1	15
HPSC	0	0
M	0	0
MW	1	17
NE	3	51
NW	1	16
S	2	12
SE	0	0
W	1	4
<b>Total</b>	<b>9</b>	<b>115</b>

#### Number of Norovirus Outbreaks and Total Number Ill in Week 3, 2012 and for the year to date in 2012 compared with the same period last year

	Week Ending 21/01/2012	2011 Wk 1 - 3	2012 Wk 1 - 3
Number of Outbreaks of Noroviral Infection	5	7	11
Total number ill	69	83	260



Data are collated and analysed using the Computerised Infectious Disease Reporting (CIDR) system. Data are provisional in this report and are subject to change until final validation at the end of the outbreak.

\*P-P denotes Person-to-Person transmission, FB denotes Foodborne transmission and WB denotes Waterborne transmission.

\*\* Total Number Ill does not include asymptomatic cases.

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#### Weekly Summary Line Listing of Outbreaks in Week 3, 2012

Outbreak ID	Disease/Organism	HSE Region	Outbreak type	Outbreak transmission mode*	Outbreak location	Total Number ill**
2736	Acute infectious gastroenteritis (unspecified)	NE	General	P-P and Airborne	Residential institution	19
2738	Acute infectious gastroenteritis (unspecified)	S	General	P-P and Airborne	Community Hosp. /Long-stay unit	10
2737	nonspecific respiratory	E	General	Unknown	School	15
2741	Noroviral infection	MW	General	P-P	Hospital	17
2733	Noroviral infection	NE	General	P-P and Airborne	Hospital	23
2735	Noroviral infection	NE	General	P-P and Airborne	Residential institution	9
2739	Noroviral infection	NW	General	P-P	Hospital	16
2740	Noroviral infection	W	General	P-P	Hospital	4
2734	Pertussis	S	Family	P-P	Private house	2



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#### Summary Line Listing of Outbreaks from Week 52, 2011 to Week 2, 2012

##### Week 1

Outbreak ID	Disease/Organism	HSE Region	Outbreak type	Outbreak transmission mode*	Outbreak location	Total Number ill**
2717	Noroviral infection	E	General	P-P	Community Hosp. /Long-stay unit	84
2718	Acute infectious gastroenteritis (unspecified)	NE	General	P-P and Airborne	Residential institution	8
2720	Respiratory syncytial virus infection	E	General	P-P	Hospital	4
2721	Tuberculosis	M	Family	P-P	Private house	3
2722	Noroviral infection	W	General	P-P	Community Hosp. /Long-stay unit	30

##### Week 2

Outbreak ID	Disease/Organism	HSE Region	Outbreak type	Outbreak transmission mode*	Outbreak location	Total Number ill**
2723	Noroviral infection	E	General	Unknown	Residential institution	8
2724	Acute infectious gastroenteritis (unspecified)	M	General	P-P	Residential institution	4
2725	Noroviral infection	E	General	P-P	Hospital	36
2726	Verotoxigenic Escherichia coli infection	E	Family	Animal contact	Private house	3
2727	Typhoid	E	Family	P-P	Private house	2
2728	Acute infectious gastroenteritis (unspecified)	NE	General	P-P and Airborne	Hospital	11
2729	Noroviral infection	NW	General	P-P	Hospital	6
2730	Acute infectious gastroenteritis (unspecified)	SE	General	Unknown	Residential institution	9
2731	Influenza	E	General	P-P	Hospital	14
2732	Noroviral infection	E	General	P-P	Hospital	27

##### Week 52

Outbreak ID	Disease/Organism	HSE Region	Outbreak type	Outbreak transmission mode*	Outbreak location	Total Number ill**
2716	Cryptosporidiosis	SE	Family	P-P and WB	Private house	3



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