OREGON NOROVIRUS WATCH, FEBRUARY 2017. This issue of Oregon Norovirus Watch includes norovirus outbreak data from the 2016–2017 norovirus season. In the month of February 2017, 28 norovirus or norovirus-like outbreaks were reported, of which 23 (82%) were in nursing homes, 4 (14%) were in schools, and 1 (4%) was in a Day care center. Since February 2016, 130 (52%) of 250 lab-confirmed and norovirus-like outbreaks occurred in nursing homes or assisted-living facilities (Fig. 1). Over the last year, GII.4 Sydney was identified in 4 (4%) of 105 lab-confirmed outbreaks. We continue to see the number of non GII.4 Sydney strains outbreaks increase and have seen a marked increase in GII.4 Untypeable (Fig 2).

LTC: long term care, ALC: Assisted living facility, DCC: Day Care Center, "Other": includes hotels, workplaces, private homes, caterers

Figure 1. Laboratory-confirmed norovirus & norovirus-like outbreaks by setting type and month Oregon, Feb 2016 - Feb 2017 (n=199)

Nursing Home/LTC/ALC Restaurant Other Camp Child DCC Hospital School

Figure 2. Laboratory confirmed norovirus by genotypes and month in Oregon, Feb 2016 - Feb 2017 (n=105)

GII.4 Sydney GII* GI3B GII GII* GII.13 GII.17 Kawasaki GII.2 GII.3 GII.6B GII.4 Untypeable

*105 (53%) of 199 suspected norovirus outbreaks have been confirmed by positive lab results from ≥2 patients. GI* and GII* denote outbreaks that only had 1 positive sample

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Oregon Norovirus Watch monthly reports are also found on our calicivirus web site: http://public.health.oregon.gov/DiseasesConditions/DiseasesAZ/Pages/disease.aspx?did=110.