Weekly / Semanal
Influenza Report EW 12/
Reporte de Influenza SE 12

Regional Update: Influenza & Other Respiratory Viruses /
Actualización Regional: Influenza y Otros virus respiratorios

April 5, 2017
5 de abril, 2017
FluID

FluNet

Map Production /Producción del mapa: PAHO/WHO. OPS/OMS.

Data Source / Fuente de datos:
Ministries of Health and National Influenza Centers of Member States
Reports to the informatics global platforms FluNet and FluID
Informe de los Ministerios de Salud y los Centros Nacionales de Influenza de los Estados Miembros a las plataformas informáticas globales de FluNet y FluID.
WEEKLY REPORT DATA SOURCES

The information presented in this update is based on data provided by Ministries of Health and National Influenza Centers of Member States to the informatics global platforms FluNet and FluID; and reports/weekly bulletins that Ministries of Health published on its website or shared with PAHO/WHO.

La información presentada en esta actualización se obtiene a partir de los datos notificados por los Ministerios de Salud y los Centros Nacionales de Influenza de los Estados Miembros a las plataformas informáticas globales de la OPS/OMS: FluNet y FluID; y de los informes/boletines semanales que los Ministerios de Salud publican en sus páginas web o comparten con OPS/OMS.

PAHO INFLUENZA LINKS

PAHO interactive data / Datos interactivos de la OPS:


Influenza Regional Reports / Informes regionales de influenza:

In English: www.paho.org/influenzareports
En español: www.paho.org/reportesinfluenza

Severe acute respiratory infections network - SARI
Red de las infecciones respiratorias agudas graves - SARI:

http://www.sarinet.org/
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WEEKLY SUMMARY (ENGLISH)

North America: Overall, influenza and other respiratory virus activity has decreased. In Canada, influenza activity decreased (15%), with influenza A(H3N2) predominating, and ILI consultations during EW 12 (1.2%) slightly decreased as compared to the previous week. In the United States, influenza activity slightly increased (20.1%), while RSV positivity continue to decrease (9%); and influenza A(H3N2) predominated. ILI activity remained above the national baseline of 2.2%. A flock of chickens at a commercial poultry breeding operation in Chattooga County, Georgia has tested positive for H7 North American lineage, presumptive low pathogenic avian influenza (LPAI). As a precaution, the affected flock has been depopulated, control measures has bee applied and enhanced surveillance is on-going.

In Mexico, influenza activity slightly decreased in EW 12 (influenza percentage of positivity 51%), with a predominance of influenza A(H1N1)pdm09. Pneumonia activity remained slightly above the seasonal threshold; and influenza-positive SARI cases decreased in recent weeks, and remained lower as compared to prior season. SARI deaths associated with influenza increased.

Caribbean: Low influenza and other respiratory virus activity were reported throughout most of the sub-region. In Jamaica, SARI activity increased but remained below the alert threshold, with no influenza activity in recent weeks.

Central America: Most epidemiological indicators remained low or decreasing, and moderate influenza circulation was reported. In Costa Rica, influenza activity remained at low levels, with influenza A(H3N2) predominating; and SARI-associated hospitalizations slightly decreased. In Guatemala, influenza proportion remained higher than the previous season.

Andean Sub-region: Overall influenza and other respiratory virus activity remained low. During EW11, influenza activity slightly decreased (5% positivity), and RSV activity remained elevated in Colombia. In Ecuador, the percent of SARI hospitalizations decreased and remained at historical levels, with increased influenza A(H3N2) detections.

Brazil and Southern Cone: Influenza and RSV levels trended downward throughout most of the sub-region. In Brazil, the cumulative number of SARI cases and deaths during EW 12 were similar to the levels in 2015-2016; and most SARI cases were reported in southwest region. In Chile, influenza detections slightly increased from levels observed in previous weeks, with few detections and 4% positivity, and the ILI visits remained at low levels. In Paraguay, ILI activity was reported to slightly increase as compare to the prior week, during EW 12, with low influenza activity, and influenza B predominating.

Global: Influenza activity in the temperate zone of the northern hemisphere continued to decrease. Worldwide, influenza A(H3N2) and influenza B viruses were predominant during this reporting period. In South Asia, influenza activity with mainly influenza A(H1N1) remained elevated.
**RESUMEN SEMANAL (ESPAÑOL)**

**América del Norte:** En general, la actividad de influenza y de otros virus respiratorios ha disminuido. En Canadá, la actividad de influenza disminuyó (15%), con predominio de influenza A(H3N2), y las consultas por ETI durante la SE 12 (1,2%) disminuyeron ligeramente en comparación con la semana previa. En los Estados Unidos, la actividad de influenza aumentó ligeramente (20,1%), mientras que la positividad de VSR continuó en disminución (9%); con predominio de influenza A(H3N2). La actividad de ETI se ubicó sobre la línea de base nacional de 2,2%. Una población de pollos en una granja comercial de cría de aves de corral en el condado de Chattooga, Georgia resultó positivo para influenza aviar H7 de linaje norteamericano, presuntamente de baja patogenicidad (LPAI). Como precaución, la población afectada ha sido sacrificada y se han aplicado medidas de control y se lleva a cabo la vigilancia intensificada.

En México, la actividad de influenza disminuyó ligeramente durante la SE 12 (51% de positividad para influenza), con predominio de influenza A(H1N1)pdm09. La actividad de neumonía permaneció sobre el umbral estacional; y los casos de IRAG positivos para influenza disminuyeron en semanas recientes, y permanecieron bajos en comparación a la temporada anterior. Los casos de IRAG fallecidos asociados a influenza aumentaron.

**Caribe:** Se ha reportado actividad baja de influenza y otros virus respiratorios en la mayor parte de la rsub-región. En Jamaica, la actividad de IRAG aumentó pero permaneció debajo del umbral de alerta, sin actividad de influenza en semanas previas.

**América Central:** La mayoría de los indicadores epidemiológicos se mantienen bajos o en disminución, y se ha reportado actividad moderada de influenza. En Costa Rica, la actividad de influenza permaneció a niveles bajos, con predominio de influenza A(H3N2); y las hospitalizaciones asociadas a IRAG disminuyeron ligeramente. En Guatemala, la proporción de influenza permaneció elevada en relación a la temporada anterior.

**Sub-región Andina:** Se ha reportado actividad baja de influenza y otros virus respiratorios, y de VSR en general. Durante la SE 11, la actividad de influenza disminuyó ligeramente (5% de positividad), y la actividad de VSR permaneció elevada en Colombia. En Ecuador, el porcentaje de hospitalizaciones por IRAG disminuyó y permaneció sobre los niveles históricos, con aumento de las detecciones de influenza.

**Brasil y Cono Sur:** Los niveles de influenza y VSR reflejan una tendencia a disminuir en toda la sub-región. En Brazil, los casos acumulados de IRAG y fallecidos durante la SE 12 fueron similares a los niveles en 2015-2016; y la mayoría de los casos de IRAG se reportaron en la región sudeste. En Chile las detecciones de influenza aumentaron ligeramente en relación a los niveles observados en semanas previas, con escasas detecciones y 4% de positividad; y las consultas por ETI continuaron en niveles bajos. En Paraguay, la actividad de ETI se reportó en ligero aumento en comparación con la semana previa, durante la SE 12, con baja actividad de influenza, y predominio de influenza B.

**Global:** La actividad de influenza en la zona templada del hemisferio norte continúa en disminución. En todo el mundo, predominaron el virus influenza A(H3N2) e influenza B. En Asia meridional, la actividad de influenza con predominio de H1N1, ha ido en aumento.
Influenza circulation by region. 2012-17

Circulación virus influenza por región. 2012-17

Respiratory syncytial virus (RSV) circulation by region. 2010-17

Circulación de virus sincial respiratorio por región. 2010-17

Respiratory viruses/
Virus respiratorios

RSV/RSV (x cases)
% influenza(+)
% RSV/RSV (+)
Weekly and cumulative numbers of influenza and other respiratory virus, by country and EW, 2016-2017
Números semanales y acumulados de influenza y otros virus respiratorios, por país y SE, 2016-2017

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Graph 1. During EW 12, overall influenza activity continued to decrease as compared to the previous week with a percent positivity of 16% in EW 11 and 15% in EW 12, with influenza A(H3N2) continuing to predominate. Peak influenza detections occurred in EW 2 at 27% positivity.

Graph 2. The percent of ILI visits to healthcare professionals among all consultations decreased during EW 12 (1.2%), as compared to the prior week (1.7% in EW 11).

Graph 3. During EW 12, sporadic influenza activity was reported in 19 regions, and localized activity in 22 regions. No regions reported any widespread activity in EW 12.

Graph 4. During EW 12, 182 influenza-associated hospitalizations were reported, with ~137 (75%) due to influenza A; with the percentage for influenza B steadily increasing; 10 deaths were reported, all of them in adults aged over 65 years old. To date this season, 67% of all hospitalizations were in adults over 65 years of age. Sentinel sites reported a total of 15 pediatric hospitalizations and 47 adult cases. The number of pediatric (≤16 years of age) hospitalizations reported in EW 12 has been below the six year average for the same time period.

Graph 5. During EW 12, 36 laboratory-confirmed influenza outbreaks were reported, with all but five outbreaks due to influenza A and 28 influenza cases in long term care facilities.

3 To read more, click here.
**United States**

- **Graph 1.2.** During EW 12, influenza activity slightly increased (20.1% of samples tested were positive for influenza) with influenza A(H3N2) predominating (influenza A represented 53.2% of all influenza-positive detections). During the SE 12, the activity of influenza increased slightly (20.1% of all samples were positive for influenza) with predominant influenza A(H3N2). Influenza A represented 53.2% of all influenza-positive detections.

- **Graph 3.4.** As of EW 9 pneumonia and influenza mortality continued to increase (7.8%) and was above the epidemic threshold (7.5%) for EW 10. During EW 12, three influenza-associated pediatric deaths were reported, and were associated with influenza A(H3N2). In the SE 10, the mortality rate from pneumonia and influenza increased (7.8%) and was above the epidemic threshold (7.5%) for the SE 10. During EW 12, three pediatric deaths were reported, associated with influenza A(H3N2). Two were associated with H7 subtype.

- **Graph 5.** During EW 12, national ILI activity remained comparable to levels observed in the prior week (3.2% of visits), and above the national baseline of 2.2%. Twelve regions reported a proportion of ILI visits at or above their region-specific baseline levels. During the SE 12, the activity of ILI continued to increase (national ILI activity remained comparable to levels observed in the prior week of 3.2% of visits, and above the national baseline of 2.2%). Doce regiones notificaron una proporción de consultas por ETI en o sobre sus líneas de base regionales.

- **Graph 6.** During EW 12, ten states reported high ILI activity. During the SE 12, diez estados reportaron elevada actividad de ETI.

- **Graph 7.** In EW 12, RSV positivity (9%), parainfluenza positivity (1.7%) and adenovirus positivity (1.8%) continued to decrease and remained at levels observed in the previous week. En la SE 12, la positividad de VSR (9%), la positividad de parainfluenza (1.7%) y la positividad de adenovirus (1.8%) continuaron disminuyendo y permanecieron en los niveles observados en la semana previa.

- **Graph 8.** In EW 12, the cumulative influenza-associated hospitalization rate per 100,000 population was highest among the 65 years and older age-group and continued to increase; the rate in this age group is higher this season (243.6) than the rate in 2015-16 (84.7) but much lower than the 2014-15 season (308.8). During the SE 12, the hospitalization rate associated with influenza per 100,000 inhabitants was highest among the 65 years and older age-group and continued to increase; the rate in this age group is higher this season (243.6) than the rate in 2015-16 (84.7) but much lower than the 2014-15 season (308.8).

- A flock of chickens at a commercial poultry breeding operation in Chattooga County has tested positive for H7 North American lineage, presumptive low pathogenic avian influenza (LPAI). This is the first confirmation of avian influenza in domestic poultry in Georgia. As a precaution, the affected flock has been depopulated, control measures have been applied and enhanced surveillance is ongoing. Avian influenza does not pose a risk to the food supply, and no affected animals entered the food chain. The risk of human infection with avian influenza during poultry outbreaks is very low. A población de pollos en una granja comercial de cría de aves de corral en el condado de Chattooga, Georgia resultó positivo para influenza aviar H7 de linaje norteamericano, presuntamente de baja patogenicidad (LPAI). Es la primera confirmación de influenza aviar en aves de corral domésticas en Georgia. Como precaución, la población afectada ha sido sacrificada, se han aplicado medidas de control y se lleva a cabo la vigilancia intensificada. Influenza aviar no posee riesgo para suministro de alimentos y no se

4 Report available [here](#).
5 More information available [here](#).
afectaron animales de la cadena alimentaria. El riesgo de infección en humanos con influenza aviar durante brotes en aves de corral es muy bajo.

**Graph 1.** US: Influenza virus distribution by EW 12 2016-17
Distribución de virus de influenza por SE 12, 2016-17

**Graph 2.** US: Influenza positive tests by EW 12, 2016-17
Pruebas positivas de influenza por SE 12, 2016-15

**Graph 3.** US: Pneumonia and influenza mortality, EW 10
Mortalidad por neumonía e influenza, SE 10

**Graph 4.** US: Number of influenza-associated pediatric deaths by week of death: 2013-2014 season to present
Númerode infecciones por influenza asociadas a niños: 2013-2014 temporada hasta presente

**Graph 5.** US: Percent of ILI visits by EW, 2016-17, EW 12
Porcentaje de consultas ETI por SE, 2016-17, SE 12

**Graph 6.** US: Nivel de actividad de ETI determinado por reporte a ILI2Net 2016-17, SE 12

**Graph 7.** US: Percent positivity for respiratory virus EW 12
Porcentaje de positividad para virus respiratorios, por SE 12, 2014/14-2016/17

**Graph 8.** US: Cumulative rate of laboratory-confirmed influenza hospitalizations; 2016-17, EW 12
Tasa acumulada de hospitalizaciones de influenza confirmadas en laboratorio, 2016-17, SE 12

- **Graph 1.** Influenza activity slightly decreased in EW 12 and decreased from levels observed in prior weeks (influenza percent positivity increased though at 51%) with co-circulation of influenza A(H1N1)pdm09, influenza A(H3N2) and influenza B. / La actividad de influenza disminuyó durante la SE 12 y disminuyó en relación a los niveles observados en semanas anteriores (porcentaje de positividad aumentó hasta 51% de influenza) con co-circulación de influenza A(H1N1)pdm09, influenza A(H3N2) e influenza B.
- **Graph 2.** Few respiratory virus detections were reported in EW 12, with adenovirus and RSV predominating in recent weeks. / Se notificaron contadas detecciones de virus respiratorios en la SE 12, con predominio de adenovirus y VSR en semanas previas.
• Graph 3. During EW 11, the ARI rate slightly decreased as compared to prior weeks (513.54 ARI cases per 100,000 inhabitants) but was close to the average epidemic curve. / Durante la SE 11, las tasas de IRA disminuyeron ligeramente en comparación con las semanas previas (513.54 casos por 100.000 habitantes) pero permanecieron por debajo de la curva epidémica promedio.

• Graph 4. During EW 11, at the national-level, pneumonia activity decreased from levels in the prior week, but remained slightly above the seasonal threshold (2.71 per 100,000). / Durante la SE 11, a nivel nacional, la actividad de neumonía disminuyó en relación a la semana previa, pero sobre el umbral estacional (2.71 por 100,000).

• Graph 5. During EW 40, 2016 through EW 13, 2017, 4,627 cumulative influenza-positive SARI cases were reported. Counts were lower than the levels observed during the 2015-2016 season for EW 12 (~2000 and ~3000 cases per week, during the 2016-17 and 2015-16 seasons, respectively), and higher than the levels observed during the 2013-2014 season; and cumulatively are lower compared to last season (n=8,000 influenza-positive SARI cases). During EW 13, five states reported higher cumulative influenza-positive SARI cases than the 2015-2016 season: Campeche (31), Coahuila (151), Nuevo León (526), Querétaro (415) and San Luis Potosí (280). / Durante la SE40, 2016 hasta SE 13, 2017, se han notificado 4.627 casos de IRAG positivos para influenza. Los niveles fueron ligeramente más bajos que los observados durante la temporada 2015-2016 para la SE 13 (~2000 y ~3000 casos por semana, durante las temporadas 2016-17 y 2015-16, respectivamente), y mayores a los niveles observados durante la temporada 2013-2014; y en términos acumulados, disminuyeron en comparación a la última temporada (n= 8,000 casos de IRAG positivos para influenza). Durante la SE 13, cinco estados reportaron un número mayor de casos acumulados de IRAG positivos para influenza que en la temporada 2015-2016: Campeche (31), Coahuila (151), Nuevo León (526), Querétaro (415) and San Luis Potosí (280).

• Graph 6. During EW 13, six states reported high influenza positivity above 15%: Baja California Sur (17.2%), Ciudad de México (17.3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20.4%), Tlaxcala (15.1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); y doce estados reportaron positividad de influenza por encima de 10%.

• Graph 7. During EW 13, six states reported high influenza positivity above 15%: Baja California Sur (17.2%), Ciudad de México (17.3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20.4%), Tlaxcala (15.1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10% / Durante la SE 13, seis estados reportaron una positividad por encima de 15%: Baja California Sur (17.2%), Ciudad de México (17,3%), Morelos (15%), Querétaro (20%), San Luis Potosí (20,4%), Tlaxcala (15,1%); and twelve states reported influenza positivity above 10%.

• Graph 8. During EW 13, SARI deaths associated with influenza slightly increased as compared to prior weeks; levels observed were lower than the 2015-2016 season, for the same period. During EW 13, 15 states reported higher cumulative SARI deaths associated with influenza than the 2015-2016 season: Aguascalientes (25), Baja California Sur (5), Campeche (5), Chiapas (6), Chihuahua (15), Coahuila (28), Guanajuato (12), Hidalgo (34), Michoacán (10), Nuevo León (54), Querétaro (36), San Luis Potosí (11), Tabasco (6), and Zacatecas (15). / Durante la SE 13, las muertes por IRAG asociadas a influenza aumentaron ligeramente en comparación con semanas previas; los niveles observados fueron menores a la temporada 2015-2016, para el mismo período. Durante la SE 13, quince estados reportaron un número mayor de fallecidos por IRAG asociados a influenza que en la temporada 2015-2016: Aguascalientes (25), Baja California Sur (5), Campeche (5), Chiapas (6), Chihuahua (15), Coahuila (28), Guanajuato (12), Hidalgo (34), Michoacán (10), Nuevo León (54), Querétaro (36), San Luis Potosí (11), Tabasco (6), Zacatecas (15).
Graph 3. Mexico: ARI Endemic Channel, EW 11, 2016-17
Canal Endémico de IRA, SE 11, 2016-17

Graph 5. Mexico: SARI-flu cases by state, EW 40, 2016-2017
Los casos IRAG positivos a flu por estado, SE 40, 2016-2017

Graph 7. Mexico: Flu cases and deaths by state, EW 13, 2016-2017
Proporción de casos positivos y defunciones por influenza según estado. SE 13, 2016-2017

Canal endémico de neumonía, 2016-17.SE 11.

Casos de IRAG asociados a influenza SE 13, 2012/2013-2016/2017

Casos fallecidos por IRAG asociados a influenza SE 13, 2012/2013-2016/2017

>10% of cases positive / >10% positivity
>15% of cases positive / >15% positivity
*% of influenza-positive cases among ILI/SARI

*% of cases positive to influenza according to cases of ILI/SARI/IRAG/ILI/SARI
**Belize**

- **Graph 1.** During EW 10, few influenza detections were reported, with influenza A unsubtyped predominating in recent weeks. / Durante la SE 10, se reportaron escasas detecciones de influenza, con predominio de influenza A sin subtipificar en semanas previas.

- **Graph 2.** During EW 10, no other respiratory virus activity was reported. Adenovirus predominated in recent weeks. / Durante la SE 10, no se reportó actividad de otros virus respiratorios. Predominó VSR en semanas previas.

**Cuba**

- **Graph 1.** During EW 12, the number of SARI cases (n=35) decreased as compared to the prior week, and the total viral percent positivity among SARI cases (45.7%) decreased, as compared to the previous week. Most of the cases were between 1 and 4 years of age. / Durante la SE 12, el número de casos de IRAG disminuyó (n=35), en relación a la semana previa, y el porcentaje de positividad viral del total de casos de IRAG (45,7%) disminuyó, en relación a la SE previa. La mayoría de los casos se presentó entre aquellos de ≤ 4 años de edad.

- **Graph 2.** Other respiratory virus activity slightly increased in EW 12, with RSV predominating and ORV percent positivity increased (39%). / La actividad de otros virus respiratorios aumentó ligeramente en la SE 11, con predominio de VSR y el porcentaje de positividad aumentó (39%).

- **Graph 3.** During EW 11, low influenza detections were reported with decreased percent positivity (2%). Influenza A(H3N2) predominated in recent weeks. / Durante la SE 11, se reportaron bajas detectaciones con aumento de la positividad (2%). Predominó influenza A(H3N2).

- **Graph 4.** During EW 12, the proportion of RSV positive samples (10%) remained higher than the 2015-2016 season for the same period; while influenza proportion (2%) was at similar levels to the prior season. RSV percent positivity was higher than influenza percent positivity. / Durante la SE 12, la proporción de muestras positivas para VSR (10%) permaneció más elevada que en la temporada 2015-2016 para el mismo periodo; en tanto la proporción de influenza 2%) permaneció elevada, en comparación con la temporada anterior. El porcentaje de positividad de VSR fue superior a la positividad de influenza.
**Dominican Republic / República Dominicana**

- **Graph 1.** During EW 12, no influenza detections were reported / Durante la SE 10, no se reportaron detecciones de influenza.
- **Graph 2.** During EW 12, low other respiratory virus activity was reported, but parainfluenza activity predominated in recent weeks / Durante la SE 10, se reportó baja actividad de otros virus respiratorios, aunque la actividad de parainfluenza predominó en semanas previas.
- **Graph 3.** During EW 12, RSV proportions decreased to <1% as compared to the 2015-2016 season, while influenza proportion decreased, in comparison with peak levels in 2015-2016. Influenza levels were higher than RSV levels. / Durante la SE 10, las proporciones de VSR disminuyeron a <1%, en comparación a la temporada 2015-2016, en tanto la proporción de influenza aumentó, con escasas detecciones.

**Graph 1.** Dominican Republic: Influenza virus distribution EW, 2014-17. EW 12.  
**Graph 2.** Dominican Republic: Respiratory virus distribution by EW, 2014-17.  
**Graph 3.** Dominican Republic: Influenza and RSV distribution, 2014-17.

**Haiti**

- **Graph 1.** During EW 11, no influenza detections were reported. / Durante la SE 11, no se reportaron detecciones de influenza, con cero casos notificados en semanas previas.

**Graph 1.** Haiti: Influenza virus distribution EW, 2014-17. EW 11.

**French Territories / Territorios Franceses**

- **Graph 1,2.** Guayane: During EW 11, the number of ILI consultations increased as compared to previous weeks; few hospitalizations were reported among the ILI cases. / Durante la SE 11, el número de casos de ETI aumentó en comparación a las semanas previas; escasas hospitalizaciones se reportaron entre los casos de ETI.
- **Graph 3,4.** Guadeloupe: During EW 12, the number of bronchiolitis and ILI consultations decreased below the maximum expected level. / Guadeloupe: Durante la SE 12, el número de consultas por bronquiolitis y ETI disminuyeron por debajo de lo esperado.
- **Graph 5,6.** Martinique: During EW 12, the number of bronchiolitis and ILI consultations decreased below the maximum expected level. / Martinica: Durante la SE 12, el número de consultas por bronquiolitis y ETI disminuyeron por debajo de lo esperado.
- **Graph 7,8. Saint Martin**: During EW 12, the number of bronchiolitis consultations slightly decreased and remained below the maximum expected level and ILI consultations increased above expected levels. Durante la SE12, el número de consultas por bronquiolitis disminuyó ligeramente y permaneció bajo el nivel máximo esperado y las consultas de ETI aumentaron por encima de los niveles esperados.

- **Graph 9,10. Saint Barthélemy**: During EW 12, the number of bronchiolitis consultations decreased below the maximum expected level and ILI consultations remained below expected levels. Durante la SE 12, el número de consultas por bronquiolitis disminuyó por debajo del nivel máximo esperado y las consultas de ETI permanecieron por debajo de lo esperado.

6 Click [here](#) to read more.
• Graph 1. During EW 10, SARI activity increased, but remained below the alert threshold and slightly above the the average epidemic curve. / Durante la SE 10, la actividad de IRAG aumentó, pero permaneció por debajo del nivel de alerta.

• Graph 2. During EW 10, SARI cases were most frequently reported among adults aged from 15 to 49 years of age / Durante la SE 10, se ha notificado con más frecuencia casos de IRAG hospitalizados en adultos entre 15 a 49 años de edad.

• Graph 3. During EW 10, pneumonia case-counts decreased (70 cases in EW 10), and were at same levels observed in 2015 and lower than the prior season, with the highest proportion in Kingston and Saint Andrew / Durante la SE 10, el número de casos de neumonía disminuyó (70 casos en SE 10), y resultaron similares a los niveles observados en 2015 y menores a la temporada anterior, con la proporción más elevada en Kingston y Saint Andrew.

• Graph 4. During EW 11, no influenza detections were reported / Durante la SE 11, no se reportaron detecciones de influenza.

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**Jamaica**

- **Graph 1.** Jamaica: % hospitalizaciones de casos IRAG entre total de hospitalizaciones por SE 10, 2011-2017.

- **Graph 2.** Jamaica: % SARI hospitalizations by age group, EW 10, 2017.

- **Graph 3.** Jamaica: Number of pneumonia cases by EW 10, 2017 (in comp to 2015-2016)

- **Graph 4.** Jamaica: Influenza virus distribution by EW, 2014-17

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**Puerto Rico**

- **Graph 1,2.** Influenza detections continued to decrease below the alert and the seasonal thresholds during EW 12 , with influenza A(H3N2) predominating. / Las detecciones de influenza continuaron en disminución debajo del umbral de alerta y estacional durante la SE12, con predominio de influenza A(H3N2).

- **Graph 3.** During EW 11, ILI activity continued to decrease as compared to the previous week, and remained below the average epidemic curve / Durante la SE 11, la actividad de ETI continuó en disminución en relación a la semana previa, y permaneció por debajo de la curva epidémica promedio.

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Saint Lucia

- **Graph 1.** During EW 12, the number of cases with respiratory symptoms decreased below the seasonal threshold. During la SE 12, el número de casos con síntomas respiratorios disminuyó por encima del umbral estacional.

- **Graph 2,3.** The number of cases of fever and respiratory symptoms decreased and remained below the seasonal threshold during EW 12. Most of the cases were notified in Bexon WC and GIPC. El número de casos de fiebre y síntomas respiratorios disminuyó y permaneció bajo el umbral estacional durante la SE 12. La mayoría de los casos fueron detectados en Laborie (3) y Vieux Fort (3).

- **Graph 4.** In EW 6, SARI activity decreased to 7% of total hospitalizations. SARI admissions were low as compared to levels observed for 2014-2016. En la SE 6, la actividad de IRAG disminuyó hasta 7% del total de hospitalizaciones. Las admisiones por IRAG fueron bajas en relación a los niveles observados para 2014-2016.

**Graph 1.** Saint. Lucia: Total number of cases for respiratory symptoms<5, EW 12, 2017

**Graph 2.** Saint. Lucia: Total number of cases for fever and respiratory symptoms, EW 12, 2017

**Graph 3.** Saint. Lucia: Distribution of respiratory cases by province, EW 6, 2017

**Graph 4.** Saint. Lucia: El numero y porcentaje de los casos IRAG, SE 6, 2017

Suriname

- **Graph 1,2.** During EW 12, SARI-related hospitalizations decreased, as compared to the previous week; with few cases reported. Children between 5 and 14 years of age remained the largest proportion of SARI hospitalizations for the same period. Durante la SE 12, las hospitalizaciones asociadas a IRAG disminuyeron en relación a semanas previas; con pocos casos reportados. Los niños entre 5 y 14 años representaron la proporción más grande de las hospitalizaciones de IRAG para ese periodo.

- **Graph 3,4.** During EW 11, no influenza activity was reported. Other respiratory virus detections slightly increased with few detections and RSV predominating. Durante la SE 11, no se detectó actividad de virus influenza. Las detecciones de otros virus respiratorios aumentaron, con escasas detecciones y con predominio de VSR.
• **Graph 5.** During EW 11, RSV proportion slightly increased as compared to the previous season, while no influenza detections were reported. / Durante la SE 11, la proporción de VSR aumentó ligeramente en comparación a la temporada anterior, en tanto, no se reportaron detecciones para influenza.
Central America / América Central

Costa Rica

- **Graph 1.** Durante la SE 11, la actividad de influenza permanece en niveles bajos
- **Graph 2.** Durante la SE 11, adenovirus predominó con actividad baja para otros virus respiratorios.
- **Graph 3.** Durante la SE 11, el porcentaje de positividad de influenza (4%) aumentó mientras que el porcentaje de positividad de VSR (1%) disminuyó.
- **Graph 4.** Durante la SE 12, la proporción de fallecidos asociados a IRAG (1,2%) y las admisiones a UCI (4%) disminuyeron, mientras que la proporción de fallecidos asociados a IRAG disminuyó ligeramente (10%).

El Salvador

- **Graph 1.** Durante la SE 11 y en semanas previas, se notificó baja actividad de influenza, con predominio de influenza A(H3N2).
- **Graph 2.** Durante la SE 11 y en semanas previas, se notificó baja actividad de influenza, con predominio de influenza A(H3N2).
- **Graph 3.** Durante la SE 11, la actividad de otros virus respiratorios permaneció baja con escasas detecciones. Predominaron VSR y parainfluenza en las últimas semanas.
- **Graph 4.** Durante la SE 12, el número de casos de neumonía e IRA disminuyó ligeramente y permaneció bajo la curva epidémica promedio.
Guatemala

- **Graph 1,2.** During EW 12, low influenza and RSV detections were reported with increased positivity for influenza (26%) and decreased positivity for other respiratory viruses. Adenovirus and parainfluenza predominated in recent weeks, while Influenza A(H3N2) predominated in recent weeks. / Durante la SE 12, se ha reportado baja actividad de influenza y VSR con aumento de la positividad de influenza (26%) y disminución de la positividad para otros virus respiratorios. Adenovirus y parainfluenza predominaron en semanas recientes, mientras que influenza A(H2N3) predominó en semanas recientes.

- **Graph 3.** During EW 12, influenza positivity increased to 26% and RSV positivity decreased, as compared to previous weeks; and influenza proportion remained lower than 2015-2016 season for the same period. / En la SE 12, la positividad de influenza aumentó a 26% y la positividad de VSR disminuyó en comparación con semanas previas; y la proporción de influenza permaneció a niveles más bajos en relación a la temporada 2015-2016, para el mismo período.

Honduras

- **Graph 1,2.** During EW 12, low influenza activity was reported with influenza A(H3N2) predominating; few detections of other respiratory viruses were reported. / Durante la SE 12, se ha reportado baja actividad de influenza, con predominio de influenza A(H3N2); se han notificado escasas detecciones de otros virus respiratorios.

- **Graph 3.** As of EW 12, influenza positivity decreased to less than 1% while RSV proportion increased, as compared to previous weeks, and influenza positivity remained lower than the levels observed during the 2015-2016 season for the same period. / Durante la SE 12, la positividad de influenza disminuyó por debajo de 1% mientras que la positividad de VSR aumentó, en comparación a las semanas previas, y la proporción de influenza permaneció en niveles menores que los observados durante la temporada 2015-2016 para el mismo período.
Graph 1. During EW 12, respiratory virus detections slightly decreased and adenovirus predominated, with few detections. / Durante la SE 12, las detecciones de virus respiratorios disminuyeron ligeramente y predominó adenovirus, con escasas detecciones.

Graph 2. During EW 12, influenza activity was low. / Durante la SE 12, la actividad de influenza fue baja.

Graph 3. As of EW 12, influenza proportion slightly increased in comparison to previous weeks, and was reported higher than 2015-2016 season for the same period / Durante la SE 12, la proporción de influenza aumentó ligeramente, en comparación a las semanas previas, y se notificó por arriba de los niveles registrados en la temporada 2015-2016 para el mismo período.

Graph 4. As of EW 9, the pneumonia rate remained low and below the average epidemic curve; the ARI rate slightly decreased below the average epidemic curve / Durante la SE 9, la tasa de neumonías permaneció baja y bajo la curva epidémica promedio; la tasa de IRA disminuyó levemente por debajo de la curva epidémica promedio.

Nicaragua
Graph 1. During EW 12, other respiratory virus detections decreased, with a low number of samples tested and rhinovirus predominating. During the SE 12, the detections of other respiratory viruses decreased, with a low number of samples tested, and rhinovirus predominating.

Graph 2. During EW 12, no influenza detections were reported. Influenza A(H3N2) predominated in recent weeks. During EW 12, no influenza detections were reported. Predominantly influenza A(H3N2) in recent weeks.

Graph 3. During EW 12, influenza and RSV proportion decreased to less than 1% as compared to previous weeks, and remained lower than levels observed during the 2015-2016 season for the same period. During EW 12, the proportion of influenza and RSV decreased to less than 1%, and remained lower than levels observed during the 2015-2016 season for the same period.
Bolivia

- **Graph 1,2.** During EW 12, decreased influenza activity was reported, with few detections and influenza A(H1N1)pdm09 predominating; and no detections of other respiratory viruses were reported. / Durante la SE 12, se ha reportado actividad baja de influenza, con escasas detecciones y predominio de influenza A(H1N1)pdm09; no se reportó detecciones de otros virus respiratorios.

- **Graph 3.** As of EW 12, influenza proportion was predominant and remained elevated in comparison to previous seasons. / Durante la SE 12, predominó la proporción de influenza y permaneció elevada en comparación con temporadas previas.

- **Graph 4,5.** Up to EW 11, influenza activity increased with influenza A(H3N2) predominating. No other respiratory virus activity was reported for the last month. / Durante la SE 11, la actividad de influenza aumentó con predominio de influenza A(H3N2). No se reportó actividad de otros virus respiratorios en el último mes.

- **Graph 6.** Up to EW 11, and in recent weeks influenza positivity increased, as compared to the previous season for the same period. / Durante la SE 11, y en semanas recientes, la positividad de influenza aumentó, en comparación con la temporada previa para el mismo periodo.


![Graph 1 Bolivia INLASA: Respiratory virus distribution EW 12, 2014-17](image1)

![Graph 2 Bolivia INLASA: Influenza virus distribution EW 12, 2014-17](image2)

![Graph 3 Bolivia INLASA: Influenza and RSV distribution, EW 10, 2014-17](image3)

![Graph 1 Bolivia CENETROP: Respiratory virus distribution EW 12, 2014-17](image4)

![Graph 2 Bolivia CENETROP: Influenza virus distribution EW 12, 2014-17](image5)

![Graph 3 Bolivia CENETROP: Influenza and RSV distribution, EW 11, 2014-17](image6)

Colombia

- **Graph 1.** During EW 11, influenza activity slightly decreased (5% positivity) with co-circulation of influenza A(H1N1)pdm09 and A(H3N2). / Durante la SE 11, la actividad de influenza disminuyó ligeramente (5% de positividad) con co-circulación de influenza A(H1N1)pdm09 y A(H3N2).

- **Graph 2.** During EW 11, respiratory virus activity remained elevated, and RSV predominated in recent weeks. / Durante la SE 11, la actividad de virus respiratorios permaneció elevada, y predominó VSR en semanas previas.

- **Graph 3.** As of EW 11, influenza positivity decreased and RSV slightly increased, as compared to prior weeks. Influenza counts were higher, while RSV was lower than levels observed during the 2015-2016 season. / En la SE 11, la positividad de influenza disminuyó y la de VSR aumentó levemente, en relación...
a las semanas previas. Los recuentos de influenza fueron mayores, en tanto que las muestras para VSR fueron menores que los niveles observados durante el período 2015-2016.

- **Graph 4,5.** During EW 12, SARI-related ICU admissions slightly increased and were above levels observed during 2016. SARI activity during EW 11 slightly increased as compared to prior weeks and was at levels observed in 2016, for the same period. / Durante la SE 12, las ademisiones a UCI asociadas con IRA aumentaron ligeramente y se ubicaron sobre los niveles observados durante 2016. En tanto, la actividad de IRA aumentó ligeramente en comparación a las semanas previas y se mantuvo en los niveles registrados en 2016, para el mismo período.

- **Graph 6.** During EW 12, counts of pneumonia cases slightly increased and were comparable to levels observed in prior years. / Durante la SE 12, los casos de neumonía aumentaron ligeramente y fueron similares a los observados en años previos.

- **Graph 7.** As of EW 12 the ARI rate increased as compared to recent weeks, and remained at similar levels to those observed in previous years (2015-2016). / En la SE 12, las tasas de IRA aumentaron en comparación con las semanas previas, y permanecieron en niveles similares a los observados en años previos (2015-2016).

**Graph 1.** Colombia. Influenza virus distribution EW 11, 2014-17

**Graph 2.** Colombia: Respiratory virus distribution EW 11, 2014-17

**Graph 3.** Colombia: Influenza and RSV distribution, EW 11, 2014-17

**Graph 4.** Colombia: SARI Hospitalizations in ICU, EW 12 2017 in comparison to 2016

**Graph 5.** Colombia: SARI activity, EW 12 2017 in comparison to 2016

**Graph 6.** Colombia: Number of pneumonia cases, by EW 12, 2017 (in comparison with 2012-16)

**Graph 7.** Colombia: Proportion of ARI cases (from all consultations), by EW 12, 2017 (in comparison with 2012-16)
Graph 1, 2. During EW 12, influenza activity decreased, with overall few detections, and influenza A(H3N2) predominated. Other respiratory virus activity slightly increased, with low detections reported, and with RSV predominating in recent weeks. / Durante la SE 12, la actividad de influenza disminuyó, con bajas detecciones, en general, e influenza A(H3N2) predominó. La actividad de otros virus respiratorios aumentó ligeramente, con predominio de VSR en semanas previas.

Graph 3. As of EW 12, the influenza proportion slightly decreased (13%) and RSV remained at similar levels (11%), as compared to prior weeks. / En la SE 12, la proporción de influenza disminuyó ligeramente (13%) y la de VSR permaneció a niveles similares (11%), en relación a las semanas previas.

Graph 4, 5. During EW 9, few SARI-associated influenza cases were reported, with influenza A(H3N2) predominating; few cases due to other respiratory viruses were reported, with RSV most frequently notified among these cases (ORV percent positivity slightly decreased to 14%). / Durante la SE8, se notificaron pocos casos de influenza asociados a IRAG, con predominio de influenza A(H3N2); se reportaron contados casos debido a otros virus respiratorios, con predominio de VSR entre los mismos (porcentaje de positividad de OVR disminuyó a 14%).

Graph 6, 7. During EW 9, the percent of SARI hospitalizations (2.7%) among all hospitalizations decreased and remained at historical levels, while decreased influenza detections were reported among SARI cases. / Durante la SE 9, el porcentaje de hospitalizaciones de IRAG (2.7%) del total de admisiones disminuyó y permaneció en los niveles históricos, mientras que se notificaron menores detecciones de influenza entre los casos de IRAG.

Graph 1. Ecuador. Respiratory virus distribution by EW 12, 2014-17

Distribución de virus respiratorios por SE 12 2014-17

Graph 2. Ecuador: Influenza virus distribution by EW 12, 2014-17

Distribución de virus influenza por SE 12, 2014-17

Graph 3. Ecuador: Influenza and RSV distribution, EW 12, 2014-17

Distribución de virus influenza y VSR, SE 12, 2014-17

Graph 4. Ecuador SARI/IRAG. Respiratory virus distribution by EW 9, 2014-17

Distribución de virus respiratorios por SE 9 2014-17

Graph 5. Ecuador SARI/IRAG: Influenza virus distribution by EW 9, 2014-17

Distribución de virus influenza por SE 9, 2014-17

Graph 6. Ecuador: % SARI hospitalizations among all causes, by EW 9, 2017

% de hospitalizaciones por IRAG entre todas las causas, por SE 8, 2017

Graph 7. Ecuador: Count of SARI cases that are influenza or RSV-positive, EW 9 2017

Número de casos de IRAG que son positivos para influenza o VSR, SE 9 2017
- **Graph 1,2.** During EW 12, detections of other respiratory viruses increased, with RSV predominating in recent weeks. Influenza percent positivity decreased to less than 1%, with influenza A(H3N2) predominating in recent weeks. / Durante la SE 12, las detecciones de otros virus respiratorios aumentaron, con predominio de VSR en semanas recientes. El porcentaje de positividad de influenza disminuyó ligeramente a menos de 1%, con predominio de influenza A(H3N2).

- **Graph 3.** As of EW 12, influenza positivity slightly decreased to less than 1% and RSV remained elevated at 14%, as compared to prior weeks. Influenza counts were lower, while RSV activity was higher than levels observed during the 2015-16 season. / Durante la SE 12, la positividad de influenza disminuyó ligeramente a menos de 1% y la de VSR permaneció elevada a 14%, en comparación a semanas previas. Los recuentos de influenza fueron menores, mientras que la actividad de VSR fue ligeramente superior a los niveles observados en la temporada 2015-2016.

- **Graph 4.** During EW 12, ARI activity among children under 5 years of age increased but remained within expected levels / Durante la SE 12, la actividad de IRA entre los niños menores de 5 años permaneció dentro de lo esperado.

- **Graph 5,6.** During EW 12, pneumonia cases remained below the alert threshold with the highest rates in the Eastern (Madre de Dios) and Northern/Northwestern (Tumbes, Ucayali) regions for the year 2017. Madre de Dios reported the highest cumulative incidence rate at 69.8 cases (per 10,000 cases) / Durante la SE 12, los casos de neumonía permanecieron bajo el umbral de alerta con las tasas más altas en las regiones este (Madre de Dios) y norte/noroeste (Tumbes, Uyacali) para el año 2017. En Madre de Dios se ha reportado la tasa de incidencia acumulada más alta con 69,8 casos (por 10.000 casos).

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**Peru**

**Graph 1.** Peru. Respiratory virus distribution by EW 12, 2014-17

**Graph 2.** Peru: Influenza virus distribution by EW 12, 2014-17

**Graph 3.** Peru: Influenza and RSV distribution, EW 12, 2014-17

**Graph 4.** Peru. ARI endemic channel in children under 5 years, by EW 12, 2017

**Graph 5.** Peru: Map of pneumonia cases and deaths in children under 5 years, by EW 12, 2017

**Graph 6.** Peru: Pneumonia endemic channel in children under 5 years, by EW 12, 2017

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**Venezuela**

**Graph 1.** During EW 12, there was low other respiratory virus activity reported, with parainfluenza and RSV predominating in recent weeks. / Durante la SE 12, se reportó baja actividad de otros virus respiratorios, con predominio de parainfluenza y VSR en semanas recientes.

**Graph 2.** During EW 12, no influenza detections were reported. Influenza B predominated in prior weeks. / Durante la SE 12, no se notificaron detectaciones de influenza. Influenza B predominó en semanas previas.
Graph 3. As of EW 12, influenza and RSV proportion decreased to less than 1%, as compared to prior weeks. Influenza positive samples were similar with levels observed in season 2015-2016. / Durante la SE 12, las proporciones de influenza y VSR disminuyeron a menos de 1%, en comparación a semanas previas. Las muestras positivas para influenza fueron menores que los niveles observados en el periodo 2015-2016.
• **Graph 1.** As of EW 12, estimated ILI activity remained below the alert threshold of the epidemic channel (security zone). Durante la SE 12, la actividad estimada de ETI permaneció debajo del nivel de alerta del corredor endémico (zona de seguridad).

• **Graph 2.** As of EW 12, estimated SARI activity decreased below the alert threshold. Durante la SE 12, la actividad estimada de IRAG disminuyó bajo el nivel de alerta.

• **Graph 3.** As of EW 12, estimated pneumonia activity remained within expected levels in the epidemic channel (security zone). Durante la SE 12, la actividad estimada de neumonía permaneció dentro de los niveles esperados del corredor endémico (zona de seguridad).

• **Graph 4-5.** During EW 10, ORV detections slightly decreased, with 9% positivity. Parainfluenza detections predominated in recent weeks. There was low influenza activity reported. Durante la SE 10, disminuyeron ligeramente las detecciones de OVR, con 9% de positividad. Las detecciones de parainfluenza predominaron en semanas recientes. Se notificó actividad baja de influenza.

• **Graph 6.** As of EW 10, influenza proportion slightly increased to less than 10% and RSV proportion remained at similar levels, as compared to prior weeks. Influenza positive samples were slightly lower from levels observed in season 2016. Durante la SE 10, la proporción de influenza aumentó ligeramente a menos de 10% y la proporción de VSR permaneció a niveles similares, en comparación a semanas previas. Las muestras positivas para influenza fueron ligeramente menores que los niveles observados en la temporada 2016.
• **Graph 1,2.** During EW 12 SARI-related hospitalizations decreased. Among the cumulative SARI hospitalizations, 11.4% cumulative SARI deaths out of all SARI hospitalizations were reported (278 SARI-related deaths/ 2438 SARI-related hospitalizations); 75% of deaths were reported to have underlying risk-factors. Most SARI cases were reported in the southwest region of Brazil, most highly concentrated in Sao Paulo (35%). During la SE 12, las hospitalizaciones asociadas a IRAG disminuyeron. En el total de hospitalizaciones por IRAG, se registró un total acumulado de 11,4% muertes por IRAG del total de hospitalizaciones por IRAG (278 muertes asociadas a IRAG/2438 hospitalizaciones por IRAG); 75% de todos los fallecidos presentaban factores de riesgo. La mayoría de los casos asociados a IRAG han sido reportados en la región suroeste de Brasil, principalmente provenientes de Sao Paulo (35%).

• **Graph 3,4.** The cumulative number of SARI cases and deaths as of EW 12 was reported to be similar to the levels in 2015-2016. Los casos y fallecidos acumulados asociados a IRAG hasta la SE 12 han sido similares a los niveles notificados en 2015-2016.

• **Graph 5,6.** The cumulative number of influenza (+) SARI cases and deaths as of EW 12 was reported to be slightly lower than the levels in 2015-2016. Los casos y fallecidos acumulados asociados a IRAG positivos para influenza hasta la SE 12 se han reportado ligeramente disminuidos en relación a an los niveles notificados en 2015-2016.

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**Graph 1.** Brazil. SARI-related hospitalizations, by EW 12, 2017
Hospitalizaciones asociadas con IRAG, por SE 12, 2017

**Graph 2.** Brazil. SARI-related deaths, by EW 12, 2017
Distribución de fallecidos por IRAG, por SE 12, 2017

**Graph 3.** Brazil. Distribution of cumulative SARI-related cases, by EW 12, 2017
Distribución de casos acumulados de IRAG, por SE 12, 2017

**Graph 4.** Brazil. Distribution of cumulative SARI-related deaths, by EW 12, 2017
Distribución de fallecidos acumulados de IRAG, por SE 12, 2017

**Graph 5.** Brazil. Distribution of cumulative flu(+)-related hospitalizations, by EW 12, 2017
Distribución de casos acumulados de IRAG, por SE 12, 2017

**Graph 6.** Brazil. Distribution of cumulative flu(+) SARI-related deaths, by EW 12, 2017
Distribución de fallecidos acumulados de IRAG, por SE 12, 2017
• **Graph 1,2.** During EW 12 ILI activity slightly increased and remained at low levels, with a rate of 5.5 ILI cases per 100,000 population and was below the seasonal threshold / Durante la SE 12, la actividad de ETI aumentó ligeramente y continuó en niveles bajos, con una tasa de 5,5 casos de ETI por cada 100.000 habitantes y se ubicó por debajo del umbral estacional.

• **Graph 3.** The number of hospital emergency visits for ILI continued at low levels, below the average level for 2011-2016 / El número de consultas de urgencia hospitalaria por ETI continuó a niveles bajos, debajo del nivel medio por el período 2011-2016.

• **Graph 4.** During EW 12, SARI-related hospitalizations (3%) remained at similar levels than the previous week, while ICU admissions (3%) decreased as compared to the previous week; one death associated with SARI was reported between EW 11 and 12 / Durante la SE 12, las hospitalizaciones por IRAG (3%) permanecieron a niveles similares de la semana previa, mientras que las admisiones a UCI (3%) disminuyeron en comparación con la semana previa; un fallecido asociado a IRAG fue notificado entre la SE 11 y SE12.

• **Graph 5.** As of EW 12, other respiratory virus activity remained at levels observed in prior weeks, with overall percent positivity of 5% / En la SE 12, la actividad de otros virus respiratorios permaneció en niveles similares a los observados en semanas previas, con un porcentaje de positividad total de 5%

• **Graph 6.** During EW 12, Influenza detections slightly increased from levels observed in previous weeks, with few detections and 4% positivity reported, with influenza A(H3N2) predominating. / Durante la SE 12, las detecciones de influenza aumentaron ligeramente en relación a los niveles observados en semanas previas, con escasas detecciones y 4% de positividad, con predominio de influenza A(H3N2).

• **Graph 7,8.** During EW 12 influenza proportion slightly increased and RSV proportion remained similar to levels observed in 2015-2016 season. SARI cases with influenza and RSV samples predominated among other respiratory virus. / Durante la SE 12, la proporción de influenza aumentó ligeramente y la proporción de VSR permaneció en niveles similares a los observados en el período 2015-2016. Los casos de IRAG con muestras de influenza y VSR predominó sobre las muestras de otros virus respiratorios.
**Paraguay**

- **Graph 1.** During EW 11, ILI activity was reported to slightly increase as compared to the prior week / Durante la SE 11, se reportó actividad de ETI en ligero aumento en comparación con la semana previa.
- **Graph 2, 3.** During EW 11, SARI activity was below the alert threshold with the percent of SARI cases among all hospitalizations increasing (9%) / Durante la SE 11, la actividad de IRAG se ubicó debajo del umbral de alerta con aumento del porcentaje de casos de IRAG sobre el total de hospitalizaciones (9%).
- **Graph 4.** During EW 10, the number of pneumonia cases slightly increased from levels reported at this time of year in 2016 (~750 cases) / Durante la SE 10, el número de casos de neumonía aumentó ligeramente en relación a los niveles observados para el mismo período de 2016 (~750 casos).
- **Graph 5, 6.** During EW 12, other respiratory virus case-counts remained at low levels. Low influenza activity was reported in EW 12, with influenza B predominating. / Durante la SE 12 los casos de otros virus respiratorios asociados con IRAG permanecieron a niveles bajos. Se notificó leve actividad de influenza en la SE 12, con predominio de influenza B.

**Uruguay**

- **Graph 1.** As of EW 12, the proportion of SARI-related ICU admissions and SARI-related hospitalizations remained at low levels / Durante la SE 12, la proporción de ingresos a UCI asociados a IRAG y las admsiones por IRAG se mantuvieron en niveles bajos.
- **Graph 3-4.** There was no other respiratory virus activity during EW 12, and there were no influenza detections, with influenza A(H3N2) predominating. / Durante la SE 12, se reportó baja actividad de otros virus respiratorios, y no se registraron detectios de influenza, con predominio de influenza A(H3N2).

**Graph 1.** Paraguay: Distribution of ILI cases, EW 9, 2017

**Graph 2.** Paraguay: Distribution of SARI cases EW 11, 2017

**Graph 3.** Paraguay: SARI cases and % of total hospitalizations, EW 10

**Graph 4.** Paraguay: Number of cases for Pneumonia, EW 10, 2017

**Graph 5.** Paraguay: Respiratory virus distribution EW 12, 2014-17

**Graph 6.** Paraguay: Influenza virus distribution EW 12, 2014-17

**Graph 1.** Uruguay: % SARI & ICU admissions by EW 14, 2015-17

**Graph 2.** Uruguay: Respiratory viruses distribution by EW 12, 2014-17
Graph 3. Uruguay: Influenza virus distribution by EW 12, 2014-17
Distribución de virus de influenza, por SE 12, 2014-17

Graph 4. Uruguay: Influenza and RSV distribution, EW 12, 2014-17
Distribución de virus influenza y VSR, SE 12 2014-17
Influenza activity in the temperate zone of the northern hemisphere continued to decrease. Worldwide, influenza A(H3N2) and influenza B viruses were predominant during this reporting period. In South Asia, influenza activity with mainly influenza A(H1N1) remained elevated. / La actividad de influenza en la zona templada del hemisferio norte continúa en disminución. En todo el mundo, predominaron el virus influenza A(H3N2) e influenza B. En Asia meridional, la actividad de influenza con predominio de H1N1, ha ido en aumento.

National Influenza Centres (NICs) and other national influenza laboratories from 98 countries, areas or territories reported data to FluNet for the time period from 06 March to 19 March 2017. The WHO GISRS laboratories tested more than 132,143 specimens during that time period. 23,560 were positive for influenza viruses, of which 15,164 (64.4%) were typed as influenza A and 8,396 (35.6%) as influenza B. Of the sub-typed influenza A viruses, 7,55 (15.1%) were influenza A(H1N1)pdm09 and 4,247 (84.9%) were influenza A(H3N2). Of the characterized B viruses, 588 (77%) belonged to the B-Yamagata lineage and 176 (23%) to the B-Victoria lineage.

National Influenza Centres (NICs) and other national influenza laboratories of 98 países, áreas o territorios, reportaron datos a FluNet en el período del 6 a 19 de marzo de 2017. Los laboratorios de la OMS GISRS realizaron pruebas a más de 132,143 muestras durante ese período. 23,560 tuvieron resultado positivo para virus influenza, de los cuales 15,164 (64,4%) fueron tipificados como influenza A y 8,396 (35,6%) como influenza B. De los virus influenza A subtipificados, 755 (15,1%) fueron influenza A(H1N1)pdm09 y 4,247 (84,9%) fueron influenza A(H3N2). De los virus influenza B caracterizados, 588 (77%) fueron del linaje B-Yamagata y 176 (23%) fueron del linaje B-Victoria.
**ACRONYMS**

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**ACRÓNIMOS**

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