

SENATE RESOLUTION 216—RECOGNIZING THE CONTRIBUTIONS MADE BY THE MEN AND WOMEN OF THE AIR FORCE WHO ARE RESPONSIBLE FOR OPERATING AND MAINTAINING THE GLOBAL POSITIONING SYSTEM CONSTELLATION AND AFFIRMING THE IMPORTANCE OF CONTINUOUS AVAILABILITY, ACCURACY, EFFICIENCY, ROBUSTNESS, RELIABILITY, AND RESILIENCY OF THE GLOBAL POSITIONING SYSTEM CONSTELLATION

Ms. DUCKWORTH (for herself, Ms. ERNST, Mr. MERKLEY, and Ms. HASSAN) submitted the following resolution; which was considered and agreed to:

S. RES. 216

Whereas the Global Positioning System (referred to in this preamble as “GPS”) offers both military and civilian benefits of positioning, navigation, and timing services;

Whereas the GPS constellation is managed and operated by the Air Force and consists of more than 30 satellites operating at an altitude of approximately 12,550 miles above the Earth;

Whereas GPS precision timing allows for accurate record management by major financial institutions, including detailed transaction management for large and small businesses;

Whereas GPS has proven to be an essential tool in facilitating social and economic activity around the world;

Whereas consumers overwhelmingly access GPS using a variety of platforms, such as smartphones and a wireless broadband connection;

Whereas cities leverage GPS applications to support Smart Cities initiatives that will increase service efficiency, resulting in savings in time and money for taxpayers;

Whereas first responders use GPS to enable more timely and accurate disaster response and improve situational awareness and to identify the location of 9-1-1 calls made from wireless phones;

Whereas the safety of the rail systems in the United States is improved by implementing GPS-based positive train control systems;

Whereas GPS-enabled applications and services enhance the independence of individuals with visual impairments;

Whereas marine operations depend on GPS for precise navigation as well as for determining location and measuring speed;

Whereas the land surveying and mapping sector uses GPS to produce data that is more accurate and reliable;

Whereas GPS-based time synchronization assists power and utility companies in providing efficient power transmission and distribution;

Whereas smart grid infrastructure is increasingly reliant on GPS for synchronization and system resilience;

Whereas GPS supports autonomous vehicle development by complementing embedded vehicle sensors to determine precise vehicle location and improving safety;

Whereas the Federal Aviation Administration relies on GPS to improve all aspects of aviation safety and efficiency, including by providing greater precision and accuracy in all phases of flight;

Whereas GPS is also essential for enabling the Next Generation Air Transportation system;

Whereas the Federal Aviation Administration relies on GPS to improve aviation safety by synchronizing reporting of hazardous

weather with 45 Terminal Doppler Weather Radars; and

Whereas economic contributions by GPS include the following:

(1) In 2013, GPS provided economic benefits with a mid-range estimated value of approximately \$68,700,000,000 or 0.4 percent of the gross domestic product of the United States.

(2) The Department of Homeland Security identifies GPS as essential to 14 of the 16 industries that are classified as part of the nation’s critical infrastructure.

(3) In 2013, GPS-enabled precision agriculture was estimated to save grain farmers 10 to 15 percent in operating costs and purchased inputs and the broad economic benefit of precision agriculture in grain farming was estimated to provide a mid-range benefit of \$13,700,000,000.

(4) In 2013, GPS-enabled surveying was estimated to produce a mid-range economic benefit of \$11,600,000,000.

(5) Globally, 3,600,000,000 Global Navigation Satellite System devices were in use in 2014, 450,000,000 of which were in North America.

(6) In 2012, the Boston Consulting Group estimated that the geospatial services ecosystem, which is supported by GPS, drove \$1,600,000,000,000 in revenues and \$1,400,000,000,000 in cost savings throughout the United States economy.

(7) GPS-enabled internet publishing, broadcasting, and search portals accounted for \$170,781,000,000 in revenue in 2017 and supported over 275,000 jobs in 2017.

(8) GPS enables location-based services that will enhance the over \$568,470,000,000 app economy, supporting an estimated 5,744,481 jobs across the United States in 2018.

(9) GPS has proven to be essential to the foundation of the ridesharing industry accessed on smartphones, valued by one estimate to be over \$61,000,000,000: Now, therefore, be it

*Resolved*, That the Senate recognizes—

(1) the contributions made by the men and women of the Air Force who are responsible for operating and maintaining the Global Positioning System constellation;

(2) the valuable contributions made by the Department of Transportation in coordinating interactions with the civil users of the Global Positioning System; and

(3) the importance of continuous availability, accuracy, efficiency, robustness, reliability, and resiliency of the Global Positioning System constellation.

SENATE RESOLUTION 217—EX-PRESSING SUPPORT FOR THE DESIGNATION OF JUNE 7 THROUGH JUNE 9, 2019, AS “NATIONAL GUN VIOLENCE AWARENESS WEEKEND” AND JUNE 2019 AS “NATIONAL GUN VIOLENCE AWARENESS MONTH”

Mr. DURBIN (for himself, Ms. DUCKWORTH, Mr. BOOKER, Mr. BLUMENTHAL, Mrs. FEINSTEIN, Ms. HARRIS, Ms. HIRONO, Ms. KLOBUCHAR, Mr. MARKEY, Mr. MURPHY, Mrs. MURRAY, and Mr. VAN HOLLEN) submitted the following resolution; which was referred to the Committee on the Judiciary:

S. RES. 217

Whereas, each year in the United States, more than—

(1) 36,000 individuals are killed and 100,000 individuals are injured by gunfire;

(2) 12,000 individuals are killed in homicides involving firearms;

(3) 22,000 individuals commit suicide by using firearms; and

(4) 500 individuals are killed in unintentional shootings;

Whereas, since 1968, more individuals have died from guns in the United States than have died on the battlefields of all the wars in the history of the United States;

Whereas, by 1 count, in 2018 in the United States, there were—

(1) 340 mass shooting incidents in which not fewer than 4 people were killed or wounded by gunfire; and

(2) 103 incidents in which a gun was fired in a school or college;

Whereas gun violence typically escalates during the summer months;

Whereas nearly 2,900 children and teens are killed by gun violence every year;

Whereas more than 6,300 people in the United States under the age of 25 die because of gun violence annually, including Hadiya Pendleton, who, in 2013, was killed at 15 years of age in Chicago while standing in a park;

Whereas, on the first weekend of June 2019, to recognize the 22nd birthday of Hadiya Pendleton, people across the United States will recognize National Gun Violence Awareness Weekend and wear orange in tribute to—

(1) Hadiya Pendleton and other victims of gun violence; and

(2) the loved ones of those victims; and

Whereas June 2019 is an appropriate month to designate as “National Gun Violence Awareness Month”: Now, therefore, be it

*Resolved*, That the Senate—

(1) supports—

(A) the designation of June 2019 as “National Gun Violence Awareness Month” and the goals and ideals of that month; and

(B) the designation of June 7 through June 9, 2019, as “National Gun Violence Awareness Weekend”, in remembrance of the victims of gun violence; and

(2) calls on the people of the United States to—

(A) promote greater awareness of gun violence and gun safety;

(B) wear orange, the color that hunters wear to show that they are not targets, on June 7 through June 9, 2019;

(C) concentrate heightened attention on gun violence during the summer months, when gun violence typically increases; and

(D) bring community members and leaders together to discuss ways to make communities safer.

SENATE CONCURRENT RESOLUTION 18—SUPPORTING REPRODUCTIVE HEALTH CARE IN THE UNITED STATES

Mrs. MURRAY (for herself, Mrs. FEINSTEIN, Mr. SCHUMER, Mr. BLUMENTHAL, Mr. BROWN, Ms. CANTWELL, Mrs. SHAHEEN, Mr. HEINRICH, Mr. BENNET, Mr. MENENDEZ, Ms. DUCKWORTH, Ms. ROSEN, Mr. CARDIN, Mr. WYDEN, Mr. WHITEHOUSE, Ms. HARRIS, Mr. COONS, Mr. MERKLEY, Mr. SCHATZ, Ms. STABENOW, Mr. LEAHY, Ms. KLOBUCHAR, Mr. VAN HOLLEN, Ms. SMITH, Mr. TESTER, Mr. MURPHY, Mr. SANDERS, Ms. WARREN, Ms. HIRONO, Mrs. GILLIBRAND, Mr. BOOKER, Ms. BALDWIN, Mr. MARKEY, Ms. CORTEZ MASTO, Ms. HASSAN, Mr. PETERS, Mr. CARPER, Mr. KAINE, Mr. REED, Mr. UDALL, Mr. DURBIN, Mr. KING, Mr. WARNER, and Ms. SINEMA) submitted the following concurrent resolution; which was referred to the Committee on Health, Education, Labor, and Pensions: