



# Air Cargo Overview Washington Dulles International Airport

October 21, 2021



# Aerial View of Dulles International Airport (IAD)

## RUNWAYS

1R/19L	3,505m / 11,500ft.
1C/19C	3,505m / 11,500ft.
12/30	3,200m / 10,500ft.
1L/19R	2,865m / 9,400ft.

## AIRPORT FACILITY

24-Hour Operations
No Slot Restrictions
1 Main Passenger Terminal
3 Airside Concourses
<i>A&amp;B Gates</i>
<i>C&amp;D Gates</i>
<i>Z Gates</i>
2 CBP Facilities
<i>Main Terminal</i>
<i>Mid-field (C&amp;D Gates)</i>

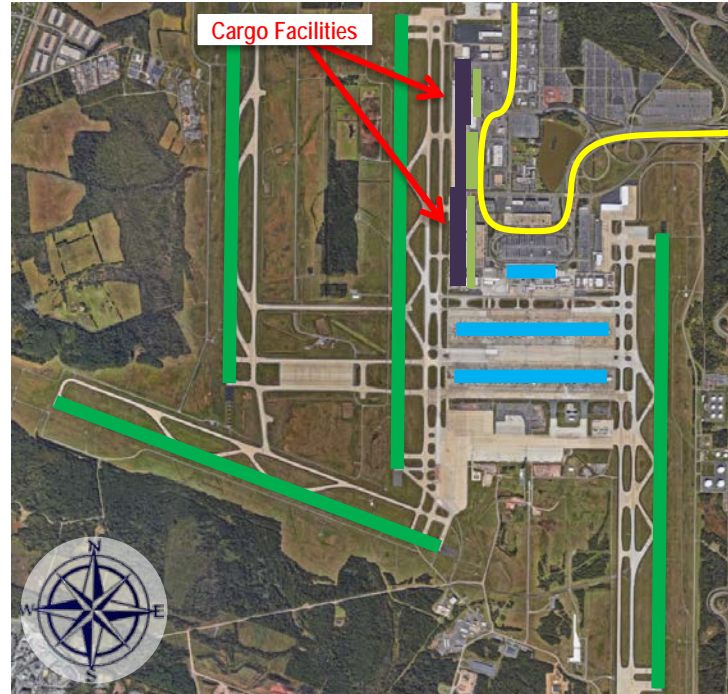
11,800 Total Acres

## FUTURE DEVELOPMENT

Metrorail (Opens January 2022)

## LEGEND

- Runways
- Passenger Terminals
- Metrorail





## Existing Air Cargo Facilities

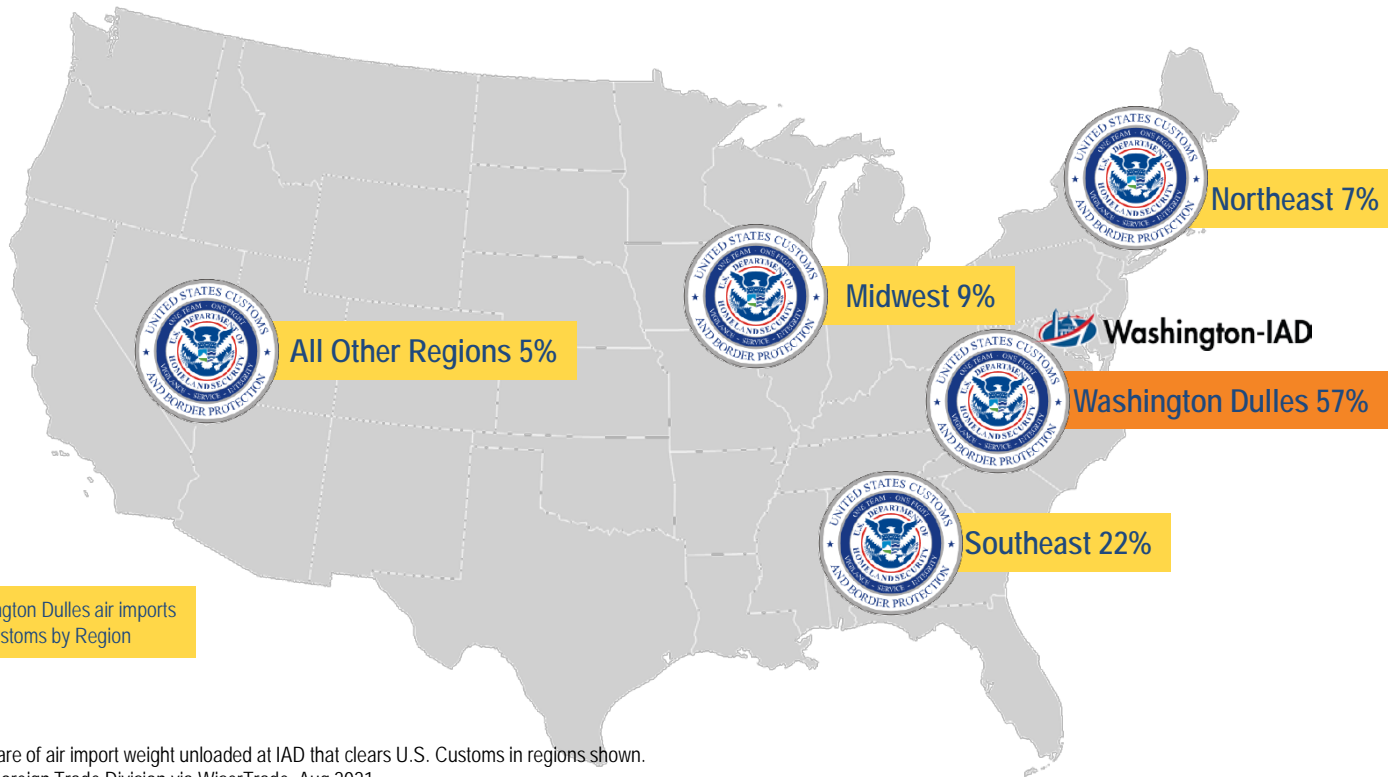
FACILITY	CARGO SPACE (SQ FT)	OFFICE SPACE (SQ FT)	RAMP AREA (SQ FT)	TRUCK DOCK AREA (SQ FT)	EMPLOYEE AND VISITOR PARKING (SQ FT)
Air Cargo Building 1	25,491	35,096	19,425	33,686	8,843
Air Cargo Building 2	27,550	34,181	22,524	33,033	7,706
Air Cargo Building 3	32,750	42,336	27,500	40,754	9,531
Air Cargo Building 4	26,767	34,528	22,600	33,430	8,849
Air Cargo Building 5	251,247	31,957	556,550	109,191	22,785
Air Cargo Building 6	107,602	25,468	40,267	63,612	21,800
C-D South Storage Lots	199,510				
<b>Total</b>	<b>670,917</b>	<b>203,566</b>	<b>688,866</b>	<b>313,706</b>	<b>79,514</b>

SOURCE: Metropolitan Washington Airports Authority, MWA Cargo Summary, February 2021 (Excel spreadsheet).



# IAD is an Air Import Gateway for the Eastern U.S.: YTD 2021

Through August 2021, 43% of air imports unloaded at IAD cleared Customs elsewhere in the United States



Legend:



Share of Washington Dulles air imports clearing U.S. Customs by Region

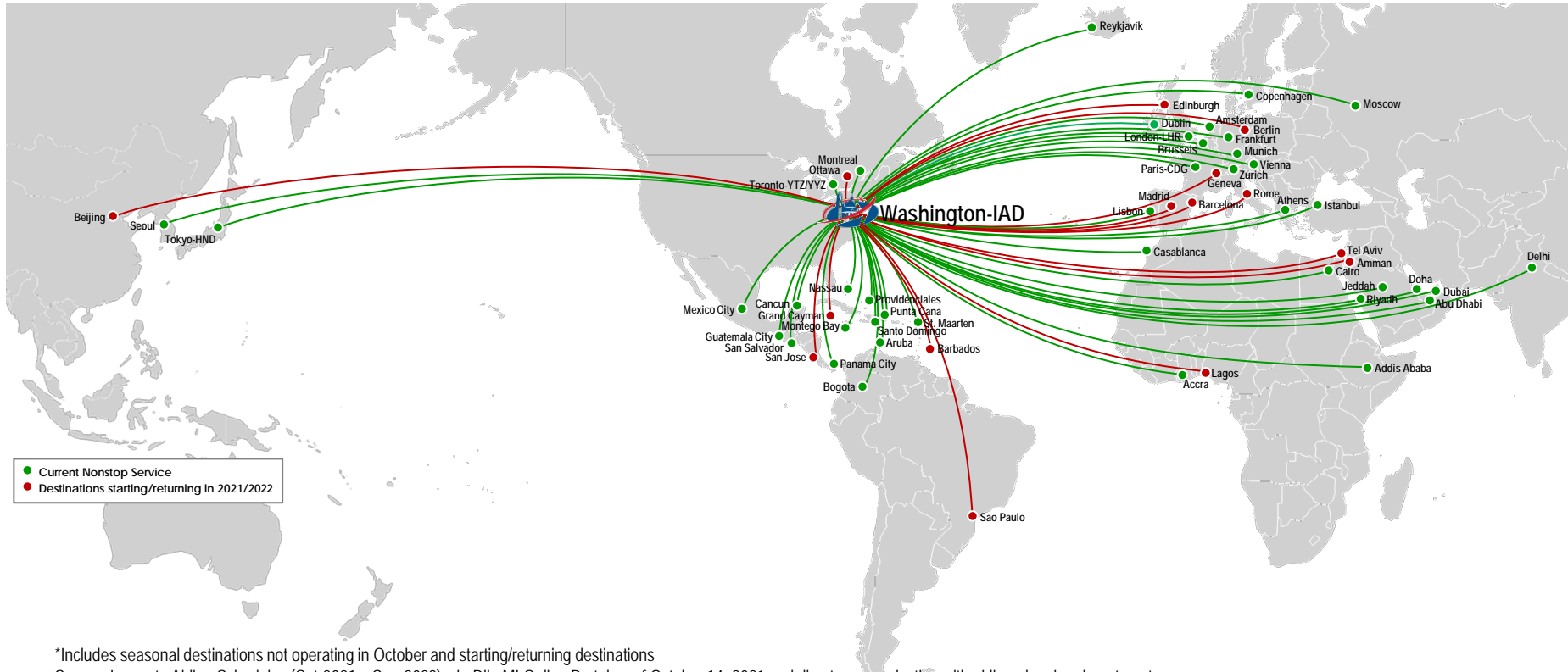
\*Note: Percentage indicates share of air import weight unloaded at IAD that clears U.S. Customs in regions shown.  
Source: U.S. Census Bureau, Foreign Trade Division via WisersTrade, Aug 2021



# IAD International Service | 58\* Nonstop Destinations

(43 operating in October and 15 starting/returning later in 2021/2022)

October 2021

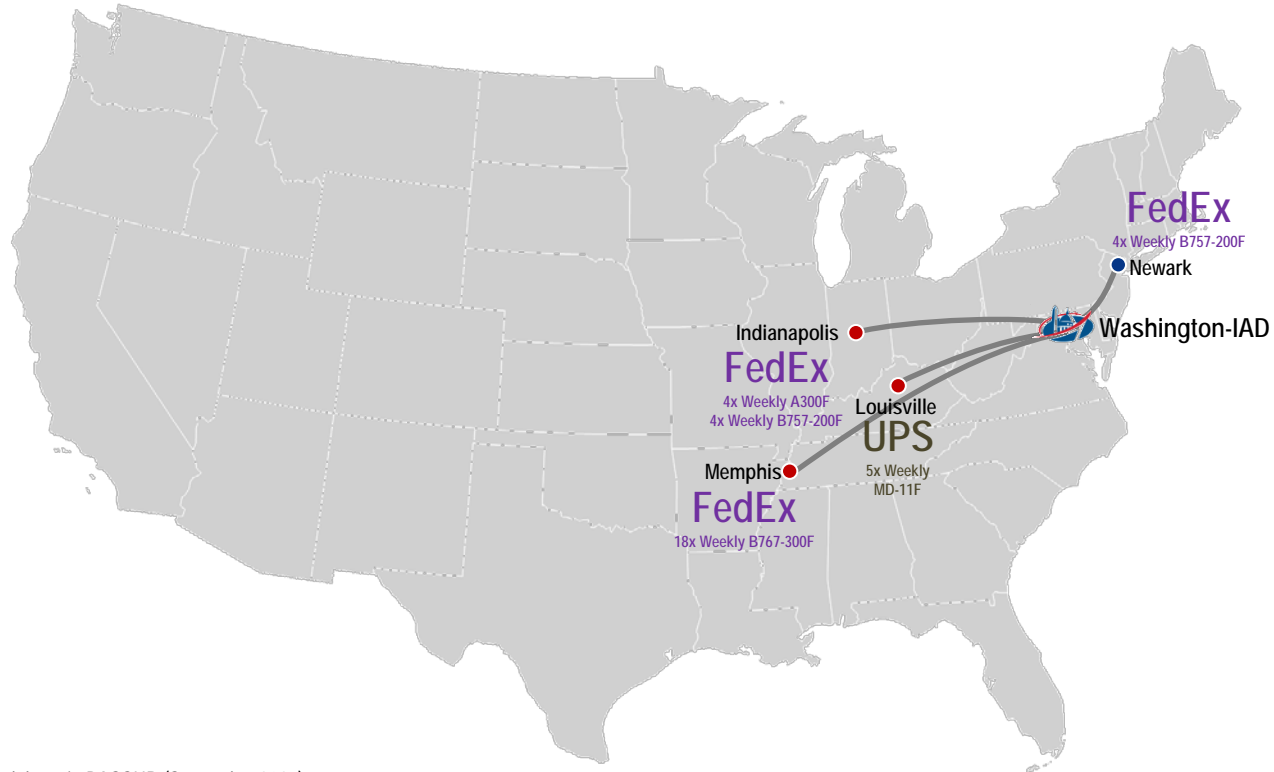


\*Includes seasonal destinations not operating in October and starting/returning destinations

Source: Innovata Airline Schedules (Oct-2021 – Sep-2022), via Diio MI Online Portal as of October 14, 2021 and direct communication with airline planning departments



# IAD Domestic Integrator Cargo Air Service: 2021



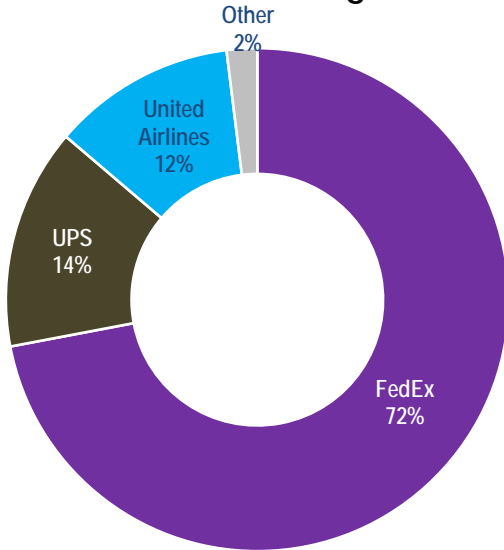
● Wide-body Service  
● Narrow-body Service



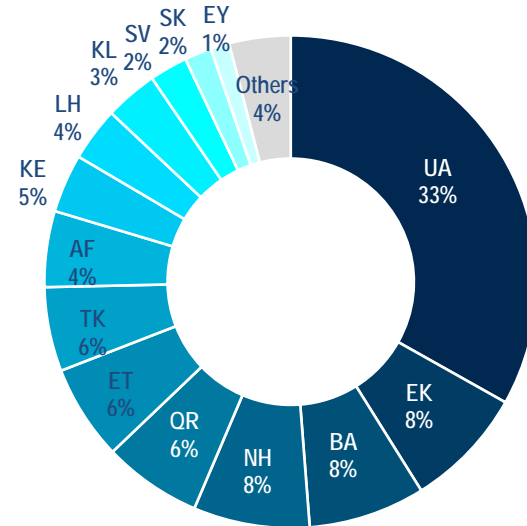
# IAD Cargo Shares by Airline: YE April 2021

Dulles Cargo by operating carrier (YE April 2021)

### Domestic Cargo:



### International Cargo:



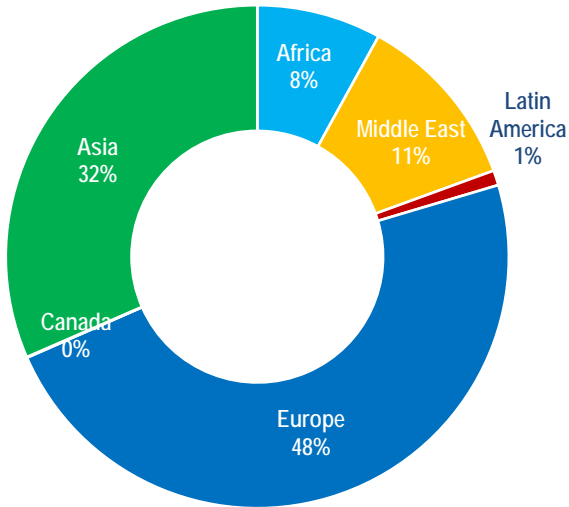
Note: Percentages based on Total Cargo Weight (Metric Tons)  
Source: US DOT T-100, via Diio online portal (YE April 2021)



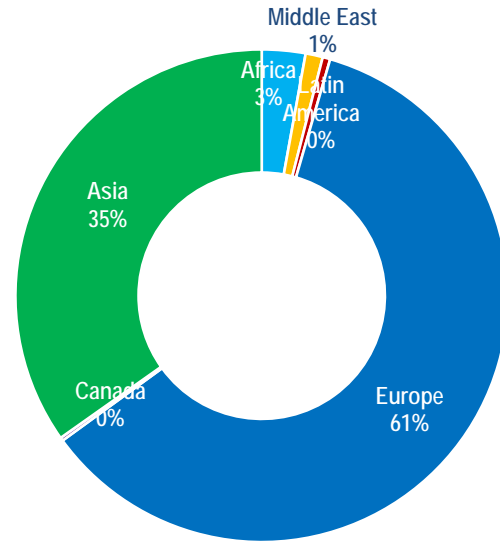
# IAD Air Trade Profile: YE August 2021

IAD cargo exports and imports by World Region (YE August 2021)

### Air EXPORTS by World Region:



### Air IMPORTS by World Region



Note Europe includes Turkey and Russia Note: Percentage indicates distribution of air trade weight by world Source: WiserTrade; U.S. Department of Commerce, Foreign Trade Statistics, YE August 2021)

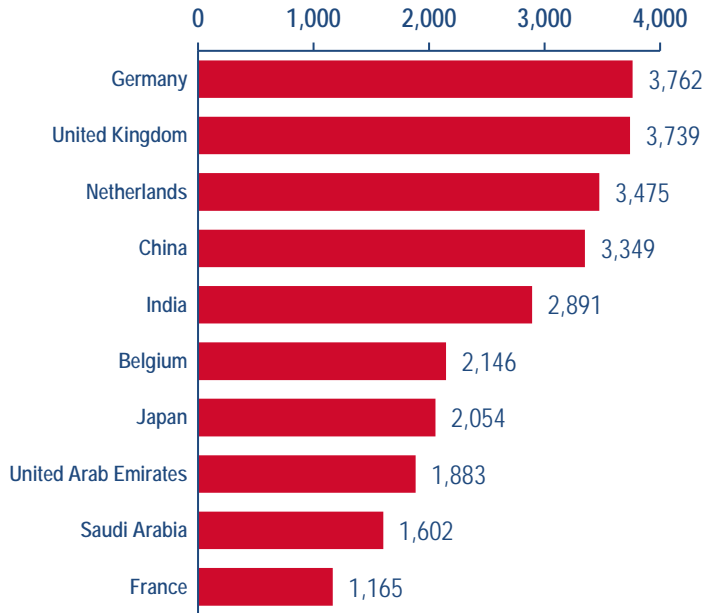




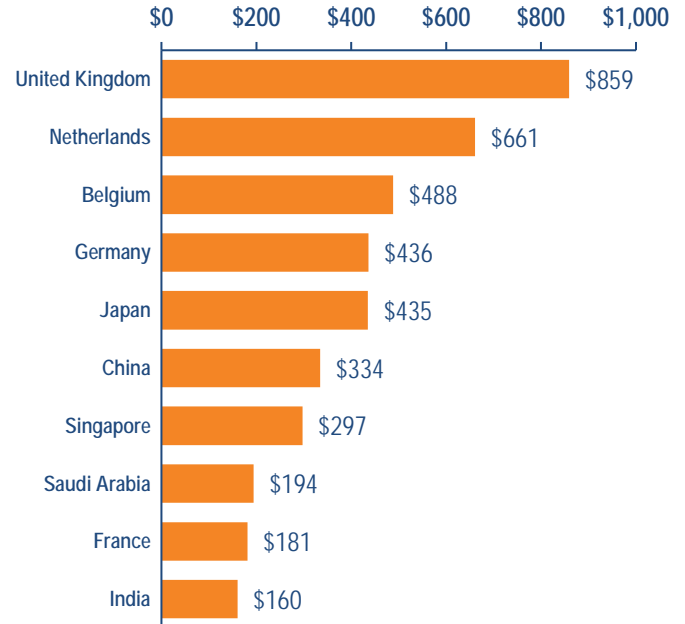
# IAD Top Air *Export* Countries: YE August 2021

Top IAD air cargo exports by country (YE August 2021)

### Weight (Metric tons)



### Value (\$ Millions)

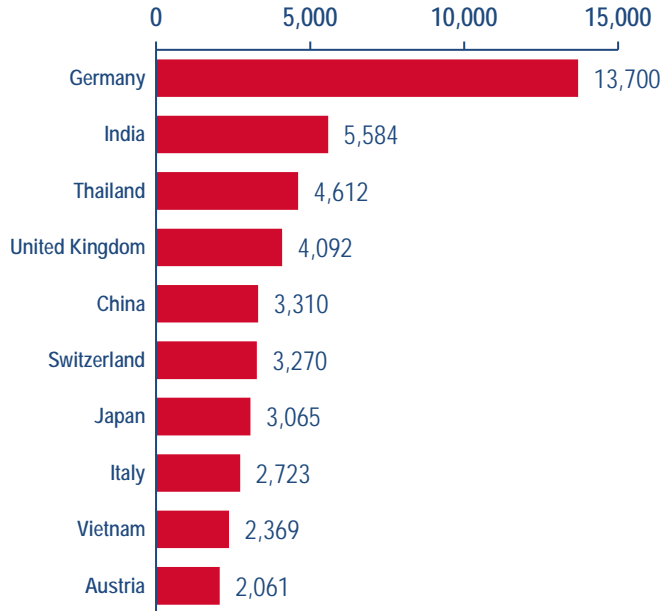




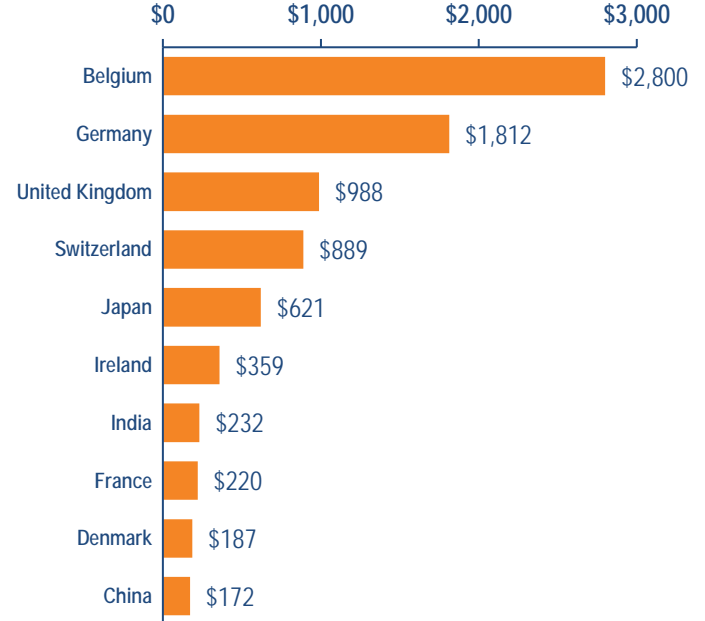
# IAD Top Air *Import* Countries: YE August 2021

Top IAD air cargo imports by country (YE August 2021)

Weight (Metric tons)



Value (\$ Millions)





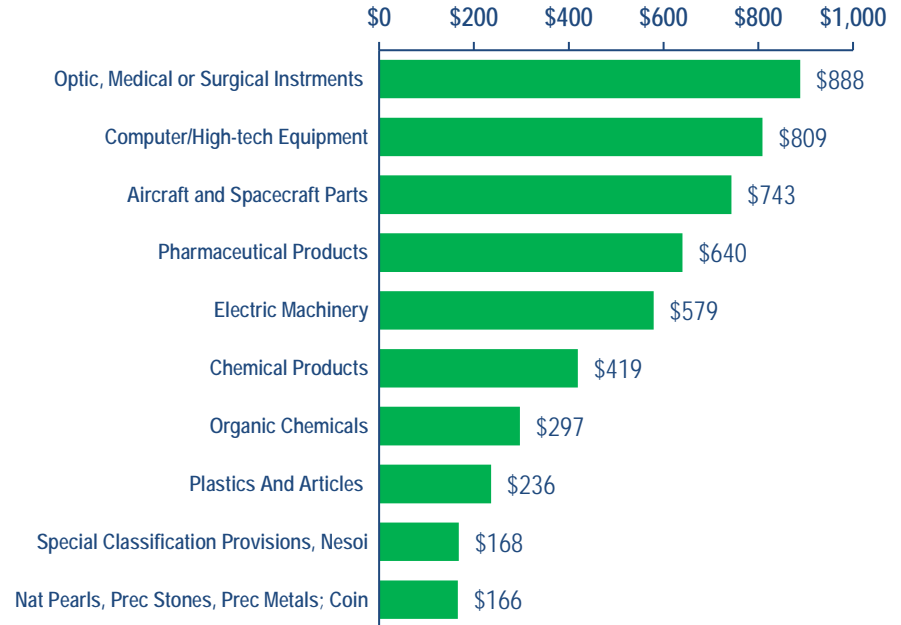
# IAD Top Air *Export* Commodities: YE August 2021

Top IAD air cargo exports by commodity (YE August 2021)

### Weight (Metric tons)



### Value (\$ Millions)





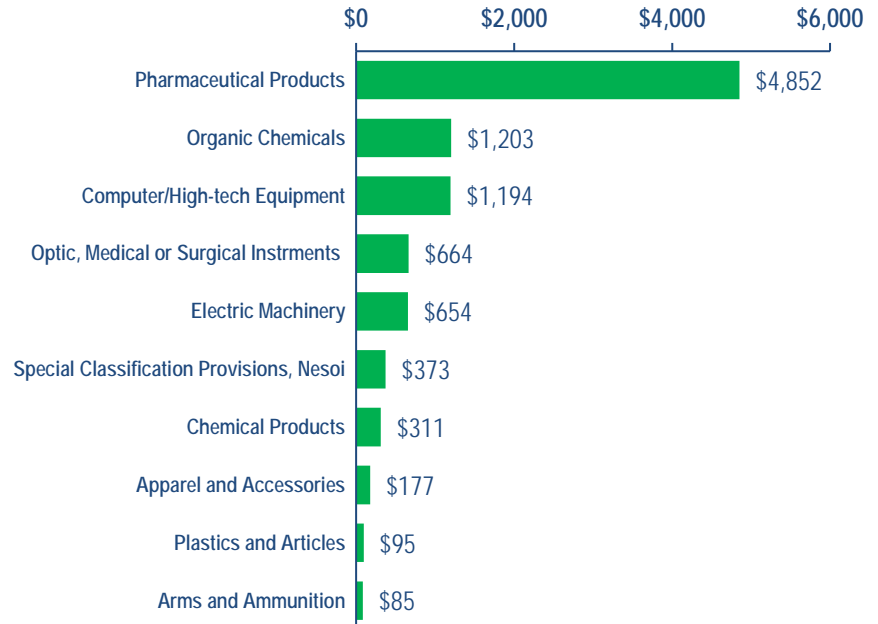
# IAD Top Air *Import* Commodities: YE 2021

Top IAD air cargo imports by commodity (YE August 2021)

### Weight (Metric tons)

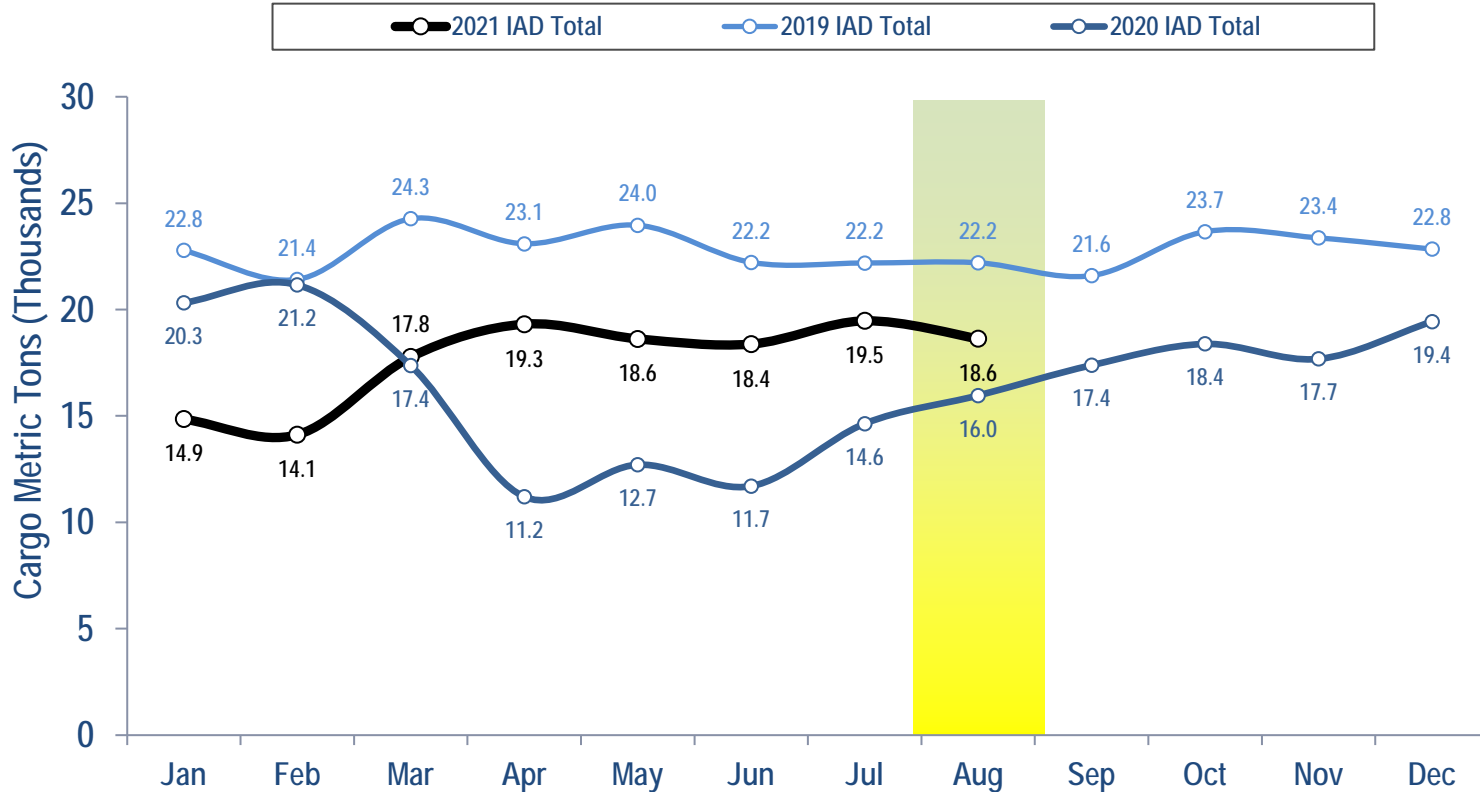


### Value (\$ Millions)





# IAD Cargo Volumes: 2019 - Present



## August 2021

Up  
**+16.7%**

*Vs. August 2020*

Down  
**-16.1%**

*Vs. August 2019*

## YTD August 2021

Up  
**+12.9%**

*Vs. YTD August 2020*

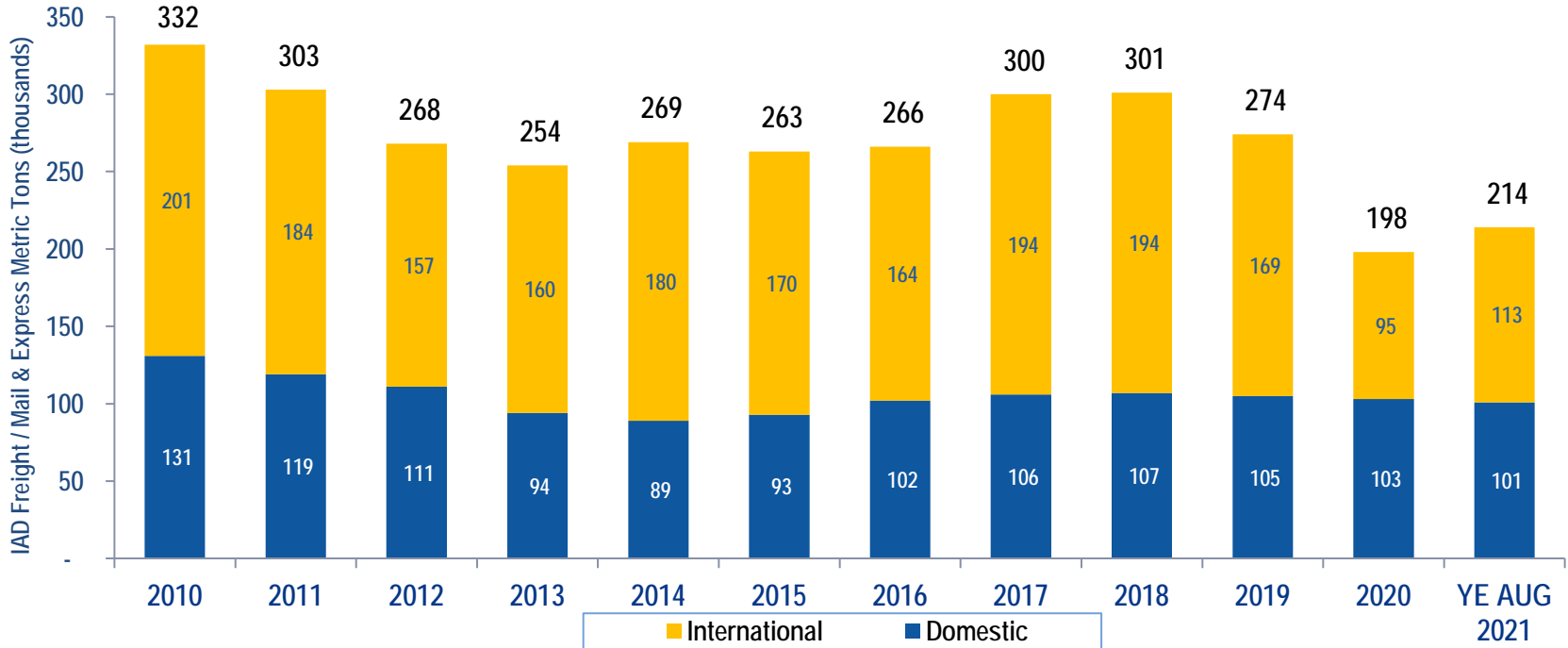
Down  
**-22.5%**

*Vs. YTD August 2019*

Note: Cargo metric tons (tonnes) include freight, mail and express/small package.



# IAD Cargo Volumes: 2010-Present



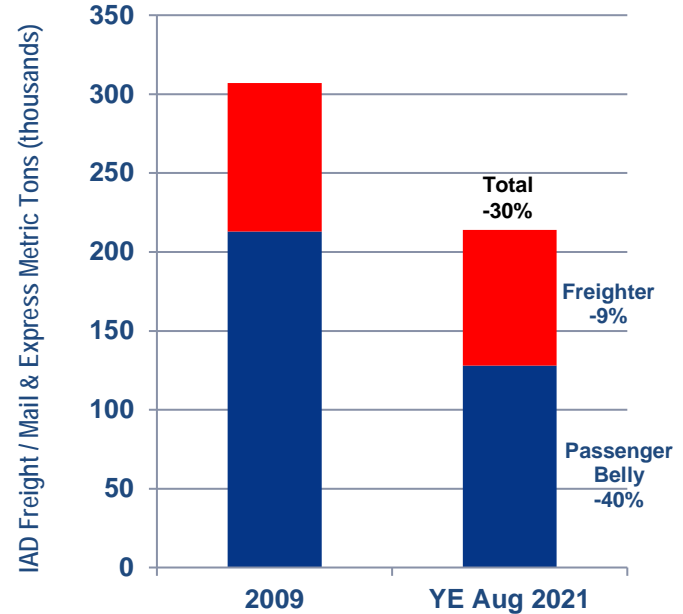
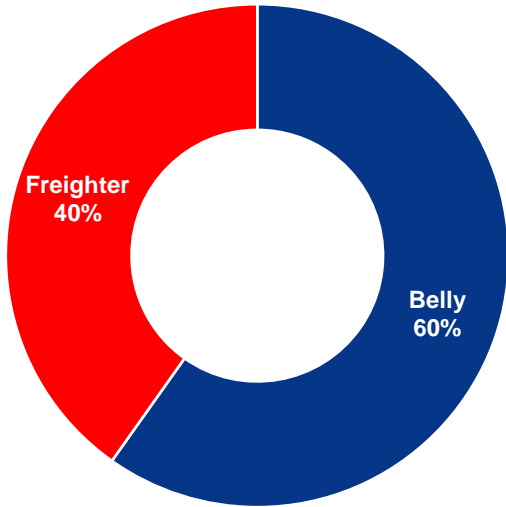
Note: Tons based on Freight, Mail & Express  
Source: Metropolitan Washington Airports Authority YE August 2021



# IAD Cargo – Year Ended August 2021

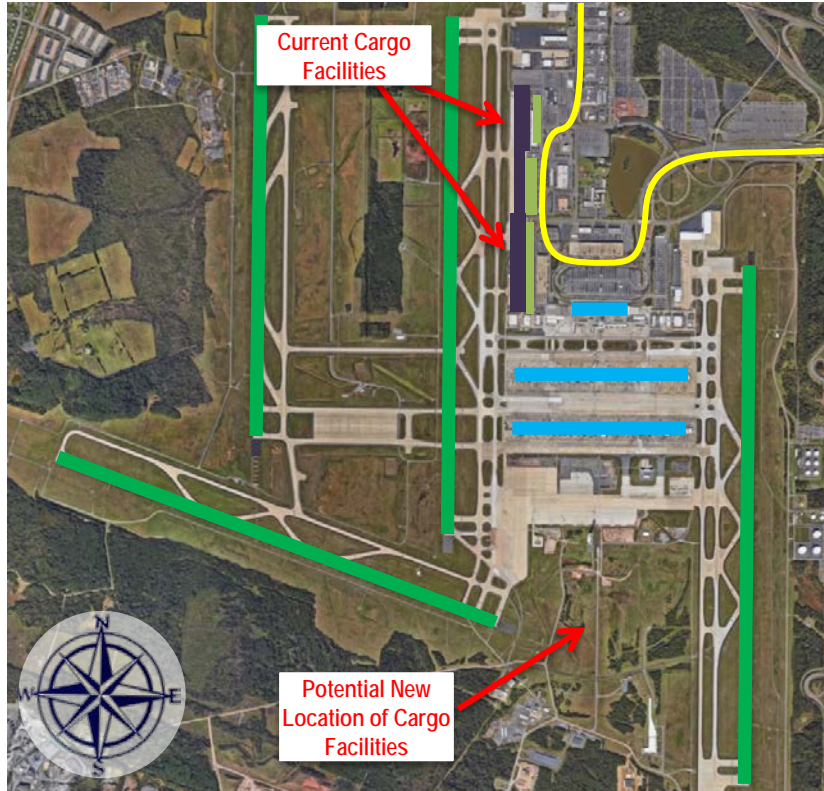
## Passenger vs. All-Freighter Aircraft

IAD YE August 2021 Total Cargo:





# Potential New Location of Cargo Facilities







# South Cargo Development Potential

**PRELIMINARY PLAN:  
Subject to Change**

