Caption: This table presents yearly data on various tobacco products in the United States. The table includes information on total cigarette consumption, average per capita cigarette consumption, total domestic and import tobacco consumption, average domestic and import tobacco consumption per capita, and average domestic and import chewing tobacco consumption per capita.

	Cigarette Consumption		Domestic vs. Imports		Average Domestic vs Imports Per Capita		Chewing Tobacco Consumption	
					Average Domestic	Average Import		
		Average Per Capita	Total Domestic	Total Tobacco	Tobacco	Tobacco	Average Domestic	Average Import Chewing
	Total Cigarette	Cigarette	Tobacco	Imports	Consumption Per	Consumption Per	Chewing Tobacco	Tobacco Consumption
Year	Consumption	Consumption	Consumption	Consumption	Capita	Capita	Consumption Per Capita	Per Capita
2000	435570000000	2076	888357608356	28395244568	325.8870769	10.46153846	0.217	0
2001	426720000000	2010	861456473096	34051515644	311.9663077	12.30769231	0.233	0
2002	415724000000	1936	830186997520	46532488445	297.3500769	16.61546154	0.219	0.001
2003	400327000000	1844	796501366994	51118156633	282.2734615	18.077	0.211	0.001
2004	397655000000	1811	795675704975	50089679632	278.7346923	17.53853846	0.196	0.001
2005	381098000000	1717	779331596380	43295937178	270.0412308	15.00007692	0.175	0.001
2006	380594000000	1695	783973762423	39328490610	268.5813846	13.46161538	0.173	0.001
2007	361590000000	1591	755487184343	35353467849	255.734	11.92315385	0.154	0.001
2008	346420000000	1507	736032909389	31522700476	246.1965385	10.53861538	0.144	0.001
2009	317736000000	1367	680255074393	28556407400	225.0413846	9.461692308	0.13	0.001
2010	300451000000	1278	659854717018	27602770512	215.8107692	9.000153846	0.117	0.001
2011	292769000000	1232	660902191737	26271496659	213.8106154	8.461769231	0.104	0.001
2012	287187000000	1196	650401880980	29818755411	208.2728462	9.615615385	0.099	0.001
2013	273785000000	1129	620561603858	34803986152	196.8117692	11.00038462	0.09	0.002
2014	262681000000	1071	591790272318	40341508503	185.6576923	12.53892308	0.087	0.003
2015	268261000000	1083	597106820812	43112497644	185.2730769	13.23115385	0.078	0.003
2016	257454000000	1032	572034166535	43847379260	176.2731538	13.53892308	0.076	0.004
2017	247163000000	981	550994167052	44886165763	168.1953846	13.76969231	0.069	0.004
2018	235319000000	927	521325017803	51084165673	157.9230769	15.38461538	0	0
2019	223433000000	876	490596405687	55424283968	144.5299231	19.91384615	0.058	0.004
2020	228565000000	890	492002857858	52478098121	145.2880769	17.83061538	0.059	0.003
2021	220763000000	855	471642844369	57223261397	138.6916923	18.80853846	0.054	0.003

Importable Table

Total_Consumptic Avg_Per_Capita_ConTotal_Domestic, Total_Imports_1 Per_Capita_Domestic Per_Capita_Imports_Avg_Domestic_Per_Capit Avg_Imports_Per_Capita_Chewing_Tobacco 2000 435,700,000,000 2076 888357608335 28395244568 325.8870769 10.46153846 0.217 0 2076 888357608356 2010 861456473096 1993 830186997520 1844 795601366975 1847 79560136697 1717 779331596380 1959 78393762423 1591 755487184343 1591 73603299389 1367 659854171018 232 6669902191737 1196 650401880980 2001 425,770,000,000
2001 426,720,000,000
2002 415,724,000,000
2003 400,327,000,000
2004 397,655,000,000
2005 381,098,000,000
2007 361,590,000,000
2008 364,220,000,000
2009 317,736,000,000
2010 300,451,000,000 28395244568 34051515644 46532488445 51118156633 50089679632 43295937178 39328490610 35353467849 31522700476 28556407400 27602770512 26771496659 325.8870769 311.9663077 297.3500769 282.2734615 278.7346923 270.0412308 268.5813846 255.734 246.1965385 225.0413846 215.8107692 10.46153846 12.30769231 16.61546154 18.077 17.53853846 15.00007692 13.46161538 11.92315385 10.53861538 9.461692308 9.000153846 0.233 0.219 0.211 0.196 0.175 0.173 0.154 0.144 0.13 0.001 0.001 0.001 0.001 0.001 0.001 0.001 2011 292,769,000,000 26271496659 29818755411 213.8106154 8.461769231 0.104 0.001 2012 287,187,000,000 208.2728462 9.615615385 0.099 0.001 1129 620561603858 2013 273,785,000,000 34803986152 196.8117692 11.00038462 0.09 0.002 2014 262,681,000,000 1071 591790272318 1083 597106820812 40341508503 185.6576923 12.53892308 0.003 2015 268,261,000,000 43112497644 185.2730769 13.23115385 0.078 0.003 2016 257,454,000,000 1032 572034166535 43847379260 176.2731538 13.53892308 13.76969231 0.076 0.069 0.004

168.1953846

157.9230769

144.5299231

145,2880769

15.38461538

19.91384615

17.83061538

0.004

0.004

0.003

0.003

0.058

0.059

Manipulation Code from R Markdown:

2021 220,763,000,000 855 471642844369 57223261397 138.6916923 18.80853846 0.054 Step 1 - Install and Add Libraries to coding environment option(repos = (CRAN = "https://cloud.r-project.org/")) finistall.packages("dpyr") finistall.packages("reshape2") library("dplyr") library("dplyr") #Step 2 - Load Data into coding environment

44886165763

51084165673

55424283968

52478098121

tobacco <- read.csv("Tobacco_Consumption.csv")

cigarette data <- tobacco %>% filter(Measure == "Cigarettes")

981 550994167052

927 521325017803 876 490596405687

890 492002857858

#Step 4 - Use group_by function to summarize total cigarette consumption by year and remove scientific notation

2017 247,163,000,000

2018 235.319.000.000

2019 223,433,000,000

2020 228,565,000,000

cigarette_total <- cigarette_data %>% group_by(Year) %>% summarize(Total_Consumption_of_Cigarettes = sum(Total, na.rm = TRUE))

cigarette_total\$Total_Consumption_of_Cigarettes <- format(cigarette_total\$Total_Consumption_of_Cigarettes, scientific=FALSE)

cigarette_PC<- cigarette_data%% group_Dyftear}%%% summarize(Mvg_Per_Capita_Consumption_of_Cigarettes = mean(Total.Per.Capita', na.rm = TRUE))

#Step 6 - Answer question 2. How have domestic versus imported tobacco products changed over time? Use group_by function to isolate data for Total do and imports by year

group_by(Year) %2-%

group_by(Year) %2-%

summarize(Total_Domestic_Tobacco = sum(Domestic, na.rm = TRUE), Total_Imports_Tobacco = sum(Imports, na.rm = TRUE))

#Step 7 - Create table for average per capita consumption

domestic_import_pc <- tobacco %>%

 $group_by(Year) \% > \% \\ summarize(Per_Capita_Domestic_Tobacco = mean(Domestic.Per.Capita, na.rm = TRUE), Per_Capita_Imports_Tobacco = mean(Imports.Per.Capita, na.rm = TRUE), Per_Capi$

#Step 8 - Combine the Total and Average Per Capita Tables

domestic_import_combine <- left_join(domestic_import_data, domestic_import_pc, by = "Year")

chewing_data < tobacco %>% interSubmeasure = "Chewing Tobacco") interSubmeasure = "Chewing Tobacco") interSubmeasure = "Chewing Tobacco") interSubmeasure group-by-function to group the data by year and summarize the average chewing tobacco consumption per capita.

chewing_PC <- chewing_data %>%
group_by(Year) %>%
summarize(Avg_Domestic_Per_Capita_Chewing_Tobacco = mean(Domestic.Per.Capita_na.rm = TRUE), Avg_Imports_Per_Capita_Chewing_Tobacco = mean(Imports_Per_Capita_na.rm = TRUE)
mean(Imports_Per_Capita_na.rm = TRUE)

combined_data <- cigarette_total %>%
left_join(cigarette_PC, by = "Year") %>%
left_join(domestic_import_combine, by = "Year") %>%
left_join(chewing_PC, by = "Year")

#Step 12 - Export Importable Table to Excel file

write.csv(combined data, "Importable Table.csv", row.names = FALSE)