D.C. Economic Indicators

November 2016

Government of the District of Columbia Muriel Bowser, Mayor Jeffrey S. DeWitt, Chief Financial Officer Dr. Fitzroy Lee, Deputy CFO & Chief Economist

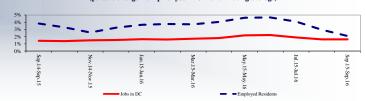
e in Total Wage and Salary Employment and Employed Residents (percent change from prior year in 3-month moving average)



100.0



- ★ Jobs in D.C. for September 2016, up 13,800 (1.8%) from September 2015
- ★ District resident employment for September 2016, up 2,800 (0.8%) from September 2015



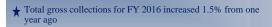
Labor Market ('000s): September 2016 ^a						Detailed Employment ('000s): September 2016						
	District of Columbia			Metropolitan area								
									1 yr. ch.	1 yr. ch.		
	Level	1 yr. ch. (amt.)	1 yr. ch. (%)	Level	1 yr ch. (amt.)	1 yr. ch. (%)		Level	(amt.)	(%)	% of total	
Employed residents	364.3	2.8	0.8	3,166.5	38.4	1.2	Manufacturing	1.2	0.0	0.0	0.2	
Labor force	389.7	1.9	0.5	3,293.4	24.3	0.7	Construction	14.5	-0.1	-0.7	1.9	
Total wage and salary							Wholesale trade					
employment	780.4	13.8	1.8	3,257.0	76.1	2.4	wholesale trade	5.0	0.1	2.0	0.6	
Federal government	201.8	3.7	1.9	369.8	4.9	1.3	Retail trade	23.6	1.0	4.4	3.0	
Local government	40.5	1.4	3.6	332.7	4.1	1.2	Utilities & transport.	4.9	-0.1	-2.0	0.6	
Leisure & hospitality	75.6	2.3	3.1	323.9	9.5	3.0	Publishing & other info.	16.9	-0.2	-1.2	2.2	
Trade	28.6	1.1	4.0	348.0	8.0	2.4	Finance & insurance	18.0	0.4	2.3	2.3	
Education and health	129.1	1.1	0.9	428.1	14.1	3.4	Real estate	12.9	0.4	3.2	1.7	
Prof., bus., and other							Legal services					
services	236.4	3.8	1.6	948.1	29.0	3.2	Ü	29.8	1.9	6.8	3.8	
Other private	68.4	0.4	0.6	506.4	6.5	1.3	Other profess, serv.	84.8	1.0	1.2	10.9	
Unemployed	25.4	-0.9	-3.5	126.9	-14.1	-10.0	Empl. serv. (incl. temp)	15.1	-0.4	-2.6	1.9	
New Unempl. Claims	1.2	-0.1	-9.6				Mgmt. & oth. bus serv.	34.8	0.4	1.2	4.5	
Sources: U.S. Bureau of Labor Statist	tics (BLS) & D.C	. Dept. of Employmen	t Services (DOES)				Education	61.7	0.0	0.0	7.9	
a Preliminary, not seasonally adjusted	I						Health care	67.4	1.1	1.7	8.6	
							Organizations	63.8	0.7	1.1	8.2	
D.C. Hotel Industry ^b				Airport Pa	ssengers ^{c,d}		Accommodations	15.6	0.4	2.6	2.0	
Sept. 2016	Amt.	1 yr. ch.		Sept. 2016	Amt.('000)	1 yr. ch. (%)	Food service	52.1	1.6	3.2	6.7	
Occupancy Rate	81.6%	0.3%		DCA	1,964.8	3.8	Amuse. & recreation	7.9	0.3	3.9	1.0	
Avg. Daily Room Rate	\$245.79	\$25.67		IAD	1,920.0	3.1	Other services	8.1	0.2	2.5	1.0	
# Available Rooms	30,250	1,209		BWI	2,056.4	5.8	Subtotal, private	538.1	8.7	1.6	69.0	
Room Sales (\$M)	\$182.0	\$26.0		Total	5,941.2	4.3 ^e	Federal government	201.8	3.7	1.9	25.9	

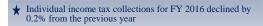
 $^{^{\}rm b}$ Source: Smith Travel Research $^{\rm c}$ Source: Metropolitan Washington Airports Authority & Maryland Aviation Administration Authority $^{\rm d}$ Includes arrivals and departures $^{\rm c}$ Weighted average

Total ce: BLS. Details may not add to total due to roundin

780.4

Cash Collections

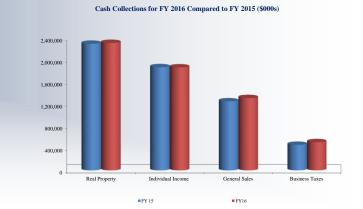




★ Real property tax collections for FY 2016 were 0.7% higher than one year ago

★ Business income tax collections for FY 2016 grew 10.4% over the previous year





EV2016 Cosh Collections (\$000)8

				F Y 2016 Cash Collections (\$0	00)							
	FY'15	FY'16	% Chg. FY15 - FY16		FY'15	FY'16	% Chg. FY15 - FY16					
				Addenda:								
Real Property	2,297,925	2,313,449	0.7%	Convention Ctr. Transfer ^b	117,307	110,730	-5.6%					
General Sales	1,254,195	1,313,649	4.7%	Ind. Inc. Tax Withholding for D.C. residents	1,579,839	1,618,736	2.5%					
Individual Income	1,873,084	1,869,579	-0.2%									
Business Income	465,271	513,806	10.4%		nue amounts shown are before dedicated revenue (TIF, Convention Ctr, Ballpark Fund, DDOT, the Highway Trust Fund, the ng Facility Quality of Care Fund, Healthy DC Fund, the Housing Production Trust Fund,WMATA, Hospital Fund, Stevie Sellows							
Total Tax Collections				Quality Improvement Fund, Healthy Schools, ABRA).	the Housing Productio	n Trust rund, w MA	1 A, riospitai rund, Stevie S	sellows				
(Gross) ^c	6,974,132	7,081,311		Variations in processing activities may affect year-to-date of	comparisons.							
Dedicated Tax Collections	471,425	439,659	-6.7%	^b Portion of sales tax on hotels and restaurants								
Total Tax Collections	-		-	Total Tax Collections (Gross) includes all other taxes not	reported above							
(Net)	6,502,707	6,641,651	2.1%									

D.C. Economic Indicators

People & Economy

- D.C. unemployment rate for September: 6.1%, 0.1% higher than the previous month & 0.6% lower than 1 year ago
- ★ The conventional home mortgage rate was 3.46% in September, 0.02% higher than the previous month
- The Census revised the population data for the District.

 Based on the new numbers, the resident count in 2015 was 1.9% higher as it reached a level of 672,228; this was higher than the growth rate of 1.6% that was experienced in 2014

One-Year Treasury and Conventional Home Mortgage Interest Rates September 2014 to September 2016



U.S. GDP	% change fo	r yr. ending	CPI	% change fo	r yr. ending	D.C. Population		
Source: BEA	3 rd Q 2016	2 nd Q 2016	Source: BLS	Sept. 2016	Jul. 2016	Source: Census		
Nominal	2.8	2.5	U.S.	1.5	0.8	*Estimate for:	Level	% chg.
Real	1.5	1.3	D.C./Balt. metro area	0.8	1.4	2000	572,059	
						2005	567,136	-0.1
						2006	570,681	0.6
Personal Income ^a			Unemployment Rate ^c			2007	574,404	0.7
Source: BEA	% change fo	r yr. ending	Source: BLS	Sept. 2016	Aug. 2016	2008	580,236	1.0
Total Personal Income	2 nd Q 2016	1st Q 2016	U.S.	5.0	4.9	2009	592,228	2.1
U.S.	3.2	3.6	D.C.	6.1	6.0	2010	605,126	2.2
D.C.	4.0	4.0				2011	620,472	2.5
Wage & Salary Portion of Personal Income						2012	635,342	2.4
U.S.	3.8	4.2	Interest Rates	National	Average	2013	649,540	2.2
Earned in D.C.	3.8	3.9	Source: Federal Reserve	Sept. 2016	Aug. 2016	2014	659,836	1.6
Earned by D.C. residents ^b	3.5	3.7	1-yr. Treasury	0.59	0.57	2015	672,228	1.9
			Conv. Home Mortgage	3.46	3.44	* July 1 except for 2000		

^aNominal ^b Estimated ^c Seasonally adjusted

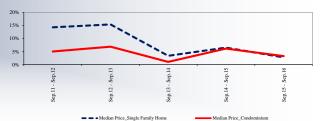
Distribution of Individual Income Tax Filers									
by Income Category									
Source: D.C. Office of	Source: D.C. Office of Tax and Revenue								
	2011	2012	2013						
Less than \$30,000	42.0%	41.4%	40.9%						
\$30,000-\$50,000	19.0%	18.6%	19.0%						
\$50,000-\$75,000	14.0%	14.3%	14.6%						
\$75,000-\$100,000	8.0%	8.3%	8.6%						
\$100,000-\$200,000	11.3%	11.5%	11.5%						
\$200,000-\$500,000	4.5%	4.7%	4.6%						
\$500,000 and Over	1.2%	1.3%	0.9%						

Housing & Office Space

- ★ There were 355 condos sold in September 2016, a 1.1% decline from 1 year ago
- ★ The year to date median price increased 2.7% from 1 year ago for single family homes, and condos experienced an increase of 3.2% in the year to date median price

★ In the 3rd quarter of 2016 the office direct vacancy was 0.1% lower than the 2nd quarter of 2016





Housing Sales			D.C. Housing Permits Issued			D.C. Commercial Office Space		
Source: MRIS ^a			Source: U.S. Census Bureau			Source: Delta Associates		
				4 Qs ending				
Completed contracts	Sept. 2016	1 yr. % ch.		3 rd Q 2016	1 yr. ch.		3 rd Q 2016	1 qtr. ch.
Single family	401	-10.7	Total housing units	5,129	995	Inventory Status (in million sq. ft.)		
Condo/Co-op	355	-1.1	Single family	283	-10	Total inventory	141.9	0.0
			Multifamily (units)	4,846	1,005	Leased space ^e	132.4	0.1
						Vacant	9.5	-0.1
Prices (\$000)			Class A Apt. ^d and Condominium Unit	ts		New Construction	5.5	1.2
Single family	Sept. 2016	1 yr. % ch.	Source: Delta Associates					
Average ^b	\$821.7	4.3				Direct Vacancy Rate	6.7	-0.1
Median ^c	\$678.0	2.7	Units under construction and/or marketing	3 rd Q 2016	1 yr. ch.			
			Rental apartments	12,426	-556			
Condo/Co-op			Condominiums ^f	1,293	101			
Average ^b	\$477.2	-3.3	Other units likely to deliver over the next 36 mg	onths ^g				
Median ^c	\$449.0	3.2	Rental apartments	7,320	2,202			

^a Metropolitan Regional Information System as reported by the Greater Capital Area Association of Realtons

1,190

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b Average prices are calculated for the month from year-to-date information 6 Median prices are year-to-date d Investment grade units, as defined by Delta

Condominiums

 $[\]ensuremath{\dagger}$ Indicates data revised by stated source since previous D.C. Economic Indicators.