



## Supplemental Operational Performance Data

Set forth below are tables that provide supplemental information regarding the operational performance results for the three months ended March 31, 2018, as well as the prior eight quarterly reporting periods for the payment programs of Mastercard International Incorporated and Mastercard Europe SA (collectively, "Mastercard"), the principal operating subsidiaries of Mastercard Incorporated.

### 1. Branded Volume and Transactions

The tables below set forth the gross dollar volume ("GDV"), purchase volume, cash volume and the number of purchase transactions, cash transactions, and cards on a regional basis for Mastercard™-branded cards. Growth rates over prior periods are provided for volume-based data.

GDV (\$ Billions)											
All Mastercard Credit,											
Charge, Debit and Prepaid Programs											
	Q1'16	Q2'16	Q3'16	Q4'16	Q1'17	Q2'17	Q3'17	Q4'17	Q1'18	FY 2016	FY 2017
APMEA	\$354	\$376	\$385	\$384	\$376	\$393	\$413	\$437	\$448	\$1,499	\$1,619
Canada	29	36	36	38	34	39	41	43	39	140	157
Europe	319	352	336	336	311	356	396	413	407	1,344	1,477
Latin America	74	79	83	90	86	93	97	107	102	326	383
Worldwide less United States	775	844	841	848	807	881	948	1,000	996	3,308	3,636
United States	372	391	383	387	379	404	407	422	419	1,533	1,613
Worldwide	1,147	1,235	1,224	1,235	1,187	1,285	1,355	1,422	1,415	4,841	5,249
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	421	458	465	466	444	475	508	530	530	1,810	1,957
United States	169	184	182	189	178	196	198	207	194	724	780
Worldwide	591	642	647	654	623	671	706	738	725	2,534	2,737
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	354	386	376	382	363	406	440	470	466	1,498	1,679
United States	203	207	201	198	201	208	209	215	225	809	833
Worldwide	557	593	577	581	564	615	649	685	691	2,307	2,512

GDV Local Growth											
All Mastercard Credit,											
Charge, Debit and Prepaid Programs											
	Q1'16	Q2'16	Q3'16	Q4'16	Q1'17	Q2'17	Q3'17	Q4'17	Q1'18	FY 2016	FY 2017
APMEA	12.9%	12.7%	9.8%	7.1%	7.8%	6.8%	7.8%	11.7%	13.5%	10.5%	8.6%
Canada	8.7%	10.9%	9.4%	9.5%	12.3%	10.2%	8.6%	9.5%	9.4%	9.6%	10.0%
Europe	18.3%	13.9%	4.5%	3.1%	1.3%	5.1%	15.0%	16.0%	18.6%	9.5%	9.6%
<i>Europe adjusted for Article 8</i>	<i>20%</i>	<i>19%</i>	<i>17%</i>	<i>16%</i>	<i>14%</i>	<i>15%</i>	<i>16%</i>	<i>17%</i>		<i>18%</i>	<i>16%</i>
Latin America	15.1%	15.4%	14.2%	14.5%	15.5%	15.4%	14.9%	16.7%	17.2%	14.8%	15.6%
Worldwide less United States	15.1%	13.4%	8.0%	6.3%	6.1%	7.0%	11.5%	13.9%	15.7%	10.5%	9.8%
<i>WW less USA adjusted for Article 8</i>	<i>16%</i>	<i>15%</i>	<i>13%</i>	<i>11%</i>	<i>11%</i>	<i>11%</i>	<i>12%</i>	<i>14%</i>		<i>14%</i>	<i>12%</i>
United States	9.9%	7.4%	4.8%	2.4%	1.9%	3.5%	6.2%	9.1%	10.5%	6.0%	5.2%
Worldwide	13.3%	11.4%	7.0%	5.1%	4.7%	5.9%	9.8%	12.4%	14.1%	9.0%	8.3%
<i>Worldwide adjusted for Article 8</i>	<i>14%</i>	<i>13%</i>	<i>10%</i>	<i>8%</i>	<i>8%</i>	<i>8%</i>	<i>10%</i>	<i>13%</i>		<i>11%</i>	<i>10%</i>
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	8.6%	7.9%	6.2%	5.7%	7.2%	6.8%	8.8%	10.3%	12.2%	7.0%	8.3%
United States	11.4%	6.8%	4.0%	4.2%	5.4%	6.6%	8.6%	10.0%	8.9%	6.4%	7.7%
Worldwide	9.4%	7.6%	5.5%	5.3%	6.7%	6.7%	8.7%	10.2%	11.3%	6.9%	8.2%
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	23.9%	20.7%	10.3%	7.1%	4.8%	7.3%	14.7%	18.2%	20.0%	14.9%	11.5%
United States	8.6%	7.8%	5.5%	0.8%	-1.0%	0.8%	4.0%	8.4%	11.8%	5.6%	3.0%
Worldwide	17.8%	15.9%	8.6%	4.8%	2.7%	5.0%	11.0%	14.9%	17.2%	11.5%	8.5%

Purchase Volume (\$ Billions)											
All Mastercard Credit,											
Charge, Debit and Prepaid Programs	Q1'16	Q2'16	Q3'16	Q4'16	Q1'17	Q2'17	Q3'17	Q4'17	Q1'18	FY 2016	FY 2017
APMEA	\$236	\$252	\$260	\$265	\$256	\$264	\$282	\$297	\$305	\$1,012	\$1,099
Canada	28	34	35	36	32	37	39	42	37	133	150
Europe	218	234	213	213	199	226	253	266	269	878	943
Latin America	43	47	51	56	55	57	61	67	65	196	241
Worldwide less United States	524	567	559	570	543	584	634	672	676	2,219	2,433
United States	316	335	327	333	324	348	347	366	359	1,311	1,385
Worldwide	840	901	886	903	866	932	982	1,038	1,035	3,530	3,818
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	385	420	426	427	407	435	466	489	490	1,657	1,798
United States	162	176	174	180	170	187	188	198	185	693	743
Worldwide	547	596	600	607	577	622	654	687	675	2,350	2,541
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	139	147	133	143	136	149	168	183	186	562	635
United States	154	159	152	153	154	161	160	168	174	618	642
Worldwide	293	306	286	296	289	310	328	351	360	1,180	1,277

Purchase Volume Local Growth											
All Mastercard Credit,											
Charge, Debit and Prepaid Programs	Q1'16	Q2'16	Q3'16	Q4'16	Q1'17	Q2'17	Q3'17	Q4'17	Q1'18	FY 2016	FY 2017
APMEA	11.7%	10.9%	8.2%	7.6%	8.9%	6.3%	8.1%	9.6%	12.0%	9.5%	8.2%
Canada	9.6%	10.7%	9.9%	10.1%	13.1%	11.6%	9.2%	9.8%	9.7%	10.1%	10.8%
Europe	14.5%	8.7%	-2.6%	-2.8%	-3.2%	1.9%	16.2%	17.5%	21.8%	4.1%	8.3%
<i>Europe adjusted for Article 8</i>	<i>16%</i>	<i>15%</i>	<i>16%</i>	<i>16%</i>	<i>17%</i>	<i>17%</i>	<i>18%</i>	<i>20%</i>		<i>16%</i>	<i>18%</i>
Latin America	15.2%	15.3%	15.2%	16.9%	18.1%	18.6%	18.3%	20.7%	22.1%	15.7%	19.0%
Worldwide less United States	13.0%	10.3%	4.4%	4.4%	5.2%	5.9%	12.2%	13.7%	16.5%	7.8%	9.4%
<i>WW less USA adjusted for Article 8</i>	<i>14%</i>	<i>13%</i>	<i>12%</i>	<i>12%</i>	<i>13%</i>	<i>12%</i>	<i>13%</i>	<i>15%</i>		<i>12%</i>	<i>13%</i>
United States	10.3%	7.9%	4.8%	2.7%	2.3%	3.8%	6.4%	10.0%	11.0%	6.3%	5.7%
Worldwide	12.0%	9.4%	4.6%	3.8%	4.1%	5.1%	10.1%	12.3%	14.5%	7.3%	8.0%
<i>Worldwide adjusted for Article 8</i>	<i>12%</i>	<i>11%</i>	<i>9%</i>	<i>8%</i>	<i>9%</i>	<i>9%</i>	<i>11%</i>	<i>13%</i>		<i>10%</i>	<i>10%</i>
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	9.4%	8.4%	6.7%	6.0%	7.6%	7.1%	9.2%	11.1%	13.3%	7.6%	8.8%
United States	11.1%	6.9%	3.8%	3.8%	4.9%	6.1%	7.9%	10.0%	8.8%	6.2%	7.3%
Worldwide	9.9%	8.0%	5.9%	5.4%	6.8%	6.8%	8.8%	10.8%	12.0%	7.2%	8.4%
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	24.5%	16.1%	-2.4%	-0.1%	-1.6%	2.5%	21.5%	21.1%	26.1%	8.6%	11.0%
United States	9.6%	9.1%	6.0%	1.3%	-0.3%	1.3%	4.7%	9.9%	13.4%	6.4%	3.9%
Worldwide	16.2%	12.3%	2.0%	0.6%	-1.0%	1.9%	12.7%	15.5%	19.6%	7.4%	7.3%

Purchase Transactions (Millions)											
All Mastercard Credit,											
Charge, Debit and Prepaid Programs	Q1'16	Q2'16	Q3'16	Q4'16	Q1'17	Q2'17	Q3'17	Q4'17	Q1'18	FY 2016	FY 2017
APMEA	3,358	3,658	3,859	4,243	4,159	4,418	4,666	4,909	4,866	15,118	18,152
Canada	446	511	527	543	502	571	582	599	554	2,027	2,254
Europe	4,856	5,155	4,867	5,133	4,994	5,608	6,027	6,459	6,468	20,011	23,089
Latin America	1,484	1,562	1,638	1,742	1,731	1,819	1,929	2,087	2,061	6,426	7,567
Worldwide less United States	10,144	10,886	10,890	11,661	11,387	12,417	13,205	14,054	13,949	43,582	51,062
United States	5,775	6,168	6,057	6,005	5,782	6,254	6,315	6,511	6,354	24,004	24,862
Worldwide	15,919	17,054	16,947	17,666	17,168	18,671	19,520	20,565	20,303	67,586	75,924
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	5,779	6,218	6,421	6,717	6,472	6,995	7,311	7,644	7,449	25,135	28,423
United States	1,842	2,016	2,018	2,065	1,885	2,095	2,137	2,220	2,020	7,942	8,337
Worldwide	7,622	8,234	8,438	8,782	8,358	9,090	9,447	9,864	9,468	33,076	36,759
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	4,365	4,669	4,470	4,944	4,914	5,422	5,894	6,409	6,500	18,447	22,639
United States	3,933	4,152	4,039	3,940	3,896	4,159	4,179	4,291	4,334	16,063	16,525
Worldwide	8,297	8,820	8,508	8,884	8,810	9,581	10,073	10,700	10,834	34,510	39,165

Purchase Transactions Growth											
All Mastercard Credit,											
Charge, Debit and Prepaid Programs	Q1'16	Q2'16	Q3'16	Q4'16	Q1'17	Q2'17	Q3'17	Q4'17	Q1'18	FY 2016	FY 2017
APMEA	21.2%	21.9%	19.8%	23.4%	23.9%	20.8%	20.9%	15.7%	17.0%	21.6%	20.1%
Canada	13.4%	12.7%	12.3%	11.3%	12.4%	11.8%	10.5%	10.3%	10.5%	12.4%	11.2%
Europe	23.3%	17.6%	5.1%	4.0%	2.8%	8.8%	23.8%	25.8%	29.5%	11.9%	15.4%
<b>Europe adjusted for Article 8</b>	<b>26%</b>	<b>25%</b>	<b>24%</b>	<b>22%</b>	<b>22%</b>	<b>24%</b>	<b>26%</b>	<b>28%</b>		<b>24%</b>	<b>25%</b>
Latin America	10.8%	12.7%	13.5%	14.7%	16.7%	16.5%	17.8%	19.8%	19.0%	13.0%	17.8%
Worldwide less United States	20.2%	18.0%	11.5%	12.4%	12.2%	14.1%	21.3%	20.5%	22.5%	15.3%	17.2%
<b>WW less USA adjusted for Article 8</b>	<b>21%</b>	<b>21%</b>	<b>20%</b>	<b>21%</b>	<b>21%</b>	<b>21%</b>	<b>22%</b>	<b>21%</b>		<b>21%</b>	<b>22%</b>
United States	12.9%	10.5%	6.8%	1.9%	0.1%	1.4%	4.3%	8.4%	9.9%	7.8%	3.6%
Worldwide	17.4%	15.2%	9.8%	8.5%	7.8%	9.5%	15.2%	16.4%	18.3%	12.5%	12.3%
<b>Worldwide adjusted for Article 8</b>	<b>18%</b>	<b>17%</b>	<b>15%</b>	<b>14%</b>	<b>13%</b>	<b>14%</b>	<b>16%</b>	<b>17%</b>		<b>16%</b>	<b>15%</b>
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	11.9%	12.1%	10.9%	11.4%	12.0%	12.5%	13.9%	13.8%	15.1%	11.6%	13.1%
United States	14.6%	9.9%	5.7%	3.6%	2.3%	3.9%	5.9%	7.5%	7.1%	8.1%	5.0%
Worldwide	12.5%	11.6%	9.6%	9.5%	9.7%	10.4%	12.0%	12.3%	13.3%	10.7%	11.1%
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	33.2%	26.9%	12.4%	13.7%	12.6%	16.1%	31.9%	29.6%	32.3%	20.7%	22.7%
United States	12.1%	10.8%	7.3%	0.9%	-0.9%	0.2%	3.5%	8.9%	11.2%	7.6%	2.9%
Worldwide	22.3%	18.8%	9.9%	7.6%	6.2%	8.6%	18.4%	20.4%	23.0%	14.3%	13.5%

<b>Cash Volume (\$ Billions)</b>											
<b>All Mastercard Credit,</b>											
<b>Charge, Debit and Prepaid Programs</b>	<b>Q1'16</b>	<b>Q2'16</b>	<b>Q3'16</b>	<b>Q4'16</b>	<b>Q1'17</b>	<b>Q2'17</b>	<b>Q3'17</b>	<b>Q4'17</b>	<b>Q1'18</b>	<b>FY 2016</b>	<b>FY 2017</b>
APMEA	\$118	\$125	\$125	\$119	\$119	\$130	\$132	\$140	\$144	\$486	\$520
Canada	2	2	2	2	2	2	2	2	2	7	7
Europe	101	119	123	123	112	131	144	147	138	465	533
Latin America	31	32	32	34	32	35	36	39	37	130	142
Worldwide less United States	251	278	282	278	265	297	314	328	320	1,089	1,203
United States	56	56	57	54	56	57	59	56	60	222	228
Worldwide	307	334	338	332	320	354	373	384	380	1,311	1,431
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	36	39	39	39	37	39	42	41	40	153	159
United States	7	8	8	8	8	9	10	9	9	32	37
Worldwide	43	46	47	47	46	48	52	50	49	184	196
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	215	239	243	239	227	257	272	287	280	936	1,044
United States	49	48	48	46	47	48	49	47	50	191	191
Worldwide	264	287	291	285	275	305	321	334	331	1,127	1,235

<b>Cash Volume Local Growth</b>											
<b>All Mastercard Credit,</b>											
<b>Charge, Debit and Prepaid Programs</b>	<b>Q1'16</b>	<b>Q2'16</b>	<b>Q3'16</b>	<b>Q4'16</b>	<b>Q1'17</b>	<b>Q2'17</b>	<b>Q3'17</b>	<b>Q4'17</b>	<b>Q1'18</b>	<b>FY 2016</b>	<b>FY 2017</b>
APMEA	15.4%	16.6%	13.3%	5.9%	5.5%	7.7%	7.2%	16.6%	16.7%	12.7%	9.3%
Canada	-4.6%	13.8%	-0.4%	-3.5%	-2.6%	-13.0%	-2.0%	2.2%	4.3%	1.4%	-4.1%
Europe	27.4%	25.6%	19.7%	15.3%	10.4%	11.0%	13.0%	13.5%	12.8%	21.5%	12.1%
Latin America	15.0%	15.7%	12.6%	10.8%	11.1%	10.4%	9.6%	10.3%	9.4%	13.4%	10.3%
Worldwide less United States	19.7%	20.2%	15.8%	10.4%	8.1%	9.3%	10.0%	14.3%	14.1%	16.3%	10.5%
United States	7.2%	4.2%	4.4%	1.1%	-0.4%	1.5%	4.8%	4.2%	7.5%	4.2%	2.5%
Worldwide	17.2%	17.2%	13.7%	8.8%	6.5%	8.0%	9.1%	12.7%	13.0%	14.1%	9.2%
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	1.3%	2.2%	0.1%	2.3%	2.5%	3.2%	4.7%	1.7%	0.7%	1.5%	3.0%
United States	19.0%	5.8%	7.1%	13.3%	16.0%	17.6%	23.4%	9.1%	12.4%	10.9%	16.5%
Worldwide	3.9%	2.7%	1.3%	4.1%	4.7%	5.6%	8.0%	3.0%	2.7%	3.0%	5.3%
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	23.5%	23.7%	18.8%	11.9%	9.1%	10.3%	10.9%	16.4%	16.3%	19.2%	11.8%
United States	5.7%	4.0%	3.9%	-0.8%	-2.9%	-1.0%	1.6%	3.2%	6.6%	3.2%	0.2%
Worldwide	19.7%	19.9%	16.0%	9.6%	6.8%	8.4%	9.3%	14.3%	14.7%	16.1%	9.8%

<b>Cash Transactions (Millions)</b>											
<b>All Mastercard Credit,</b>											
<b>Charge, Debit and Prepaid Programs</b>	<b>Q1'16</b>	<b>Q2'16</b>	<b>Q3'16</b>	<b>Q4'16</b>	<b>Q1'17</b>	<b>Q2'17</b>	<b>Q3'17</b>	<b>Q4'17</b>	<b>Q1'18</b>	<b>FY 2016</b>	<b>FY 2017</b>
APMEA	1,206	1,257	1,298	1,294	1,275	1,361	1,374	1,468	1,478	5,054	5,477
Canada	5	6	6	5	6	6	6	5	6	22	22
Europe	812	910	916	925	861	958	977	1,001	936	3,563	3,797
Latin America	240	251	252	264	254	260	262	279	264	1,008	1,055
Worldwide less United States	2,263	2,423	2,472	2,488	2,396	2,584	2,618	2,753	2,684	9,647	10,351
United States	338	350	350	324	320	338	346	326	327	1,362	1,330
Worldwide	2,601	2,773	2,823	2,812	2,716	2,922	2,964	3,079	3,011	11,009	11,681
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	176	188	187	189	175	186	185	183	171	741	730
United States	9	9	10	9	8	9	9	9	8	37	35
Worldwide	185	198	196	198	183	195	195	192	179	777	765
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	2,087	2,235	2,286	2,299	2,221	2,397	2,433	2,570	2,514	8,906	9,621
United States	330	340	340	315	312	329	336	317	319	1,325	1,294
Worldwide	2,416	2,575	2,626	2,614	2,533	2,726	2,769	2,887	2,833	10,231	10,915

<b>Cash Transactions Growth</b>											
<b>All Mastercard Credit,</b>											
<b>Charge, Debit and Prepaid Programs</b>	<b>Q1'16</b>	<b>Q2'16</b>	<b>Q3'16</b>	<b>Q4'16</b>	<b>Q1'17</b>	<b>Q2'17</b>	<b>Q3'17</b>	<b>Q4'17</b>	<b>Q1'18</b>	<b>FY 2016</b>	<b>FY 2017</b>
APMEA	17.7%	17.0%	14.3%	7.8%	5.8%	8.3%	5.8%	13.5%	15.9%	14.0%	8.4%
Canada	2.8%	2.7%	-1.2%	-3.1%	2.7%	-3.0%	-0.4%	0.0%	2.9%	0.2%	-0.2%
Europe	19.8%	18.7%	14.1%	9.8%	6.1%	5.3%	6.6%	8.2%	8.7%	15.3%	6.6%
Latin America	12.6%	12.0%	9.4%	5.8%	5.7%	3.4%	3.8%	5.8%	4.0%	9.8%	4.7%
Worldwide less United States	17.8%	17.1%	13.7%	8.3%	5.9%	6.6%	5.9%	10.7%	12.0%	14.0%	7.3%
United States	3.8%	1.8%	2.9%	-2.4%	-5.4%	-3.3%	-1.3%	0.6%	2.3%	1.5%	-2.4%
Worldwide	15.8%	14.9%	12.2%	7.0%	4.4%	5.4%	5.0%	9.5%	10.9%	12.3%	6.1%
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	-1.4%	-0.3%	-1.1%	0.1%	-0.9%	-1.1%	-0.6%	-3.1%	-2.4%	-0.7%	-1.4%
United States	20.6%	10.3%	6.0%	1.0%	-4.7%	-5.1%	-1.4%	-2.9%	0.3%	8.8%	-3.5%
Worldwide	-0.5%	0.1%	-0.8%	0.1%	-1.1%	-1.3%	-0.6%	-3.1%	-2.3%	-0.2%	-1.5%
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	19.8%	18.8%	15.1%	9.1%	6.4%	7.3%	6.4%	11.8%	13.2%	15.4%	8.0%
United States	3.5%	1.6%	2.8%	-2.5%	-5.4%	-3.2%	-1.3%	0.7%	2.4%	1.3%	-2.3%
Worldwide	17.3%	16.2%	13.3%	7.5%	4.8%	5.9%	5.4%	10.5%	11.8%	13.4%	6.7%

<b>Cards (Millions)</b>											
<b>All Mastercard Credit,</b>											
<b>Charge, Debit and Prepaid Programs</b>	<b>Q1'16</b>	<b>Q2'16</b>	<b>Q3'16</b>	<b>Q4'16</b>	<b>Q1'17</b>	<b>Q2'17</b>	<b>Q3'17</b>	<b>Q4'17</b>	<b>Q1'18</b>	<b>FY 2016</b>	<b>FY 2017</b>
APMEA	563	579	594	615	635	657	686	706	726	615	706
Canada	48	45	46	48	48	49	50	53	56	48	53
Europe	403	414	421	431	441	451	467	475	484	431	475
Latin America	163	162	164	165	167	169	173	177	170	165	177
Worldwide less United States	1,177	1,200	1,224	1,259	1,291	1,326	1,376	1,411	1,436	1,259	1,411
United States	380	383	383	391	391	397	400	411	416	391	411
Worldwide	1,557	1,583	1,607	1,650	1,683	1,723	1,776	1,823	1,852	1,650	1,823
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	565	563	559	565	569	577	591	602	606	565	602
United States	192	195	196	200	202	205	208	212	210	200	212
Worldwide	757	758	755	766	771	782	799	814	816	766	814
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	612	637	665	693	723	750	785	810	830	693	810
United States	188	188	187	191	189	192	192	199	205	191	199
Worldwide	800	826	852	884	912	941	977	1,009	1,036	884	1,009

<b>Cards Growth</b>											
<b>All Mastercard Credit,</b>											
<b>Charge, Debit and Prepaid Programs</b>	<b>Q1'16</b>	<b>Q2'16</b>	<b>Q3'16</b>	<b>Q4'16</b>	<b>Q1'17</b>	<b>Q2'17</b>	<b>Q3'17</b>	<b>Q4'17</b>	<b>Q1'18</b>	<b>FY 2016</b>	<b>FY 2017</b>
APMEA	15.0%	13.5%	11.7%	12.6%	12.9%	13.3%	15.5%	14.8%	14.3%	12.6%	14.8%
Canada	8.3%	-1.4%	-0.5%	0.8%	0.8%	9.5%	10.0%	9.7%	15.8%	0.8%	9.7%
Europe	8.1%	9.7%	9.1%	8.6%	9.4%	9.0%	10.9%	10.4%	9.9%	8.6%	10.4%
Latin America	7.8%	4.0%	3.1%	2.4%	2.5%	4.4%	5.6%	7.4%	1.7%	2.4%	7.4%
Worldwide less United States	11.2%	10.2%	9.1%	9.3%	9.7%	10.5%	12.4%	12.1%	11.2%	9.3%	12.1%
United States	7.2%	6.6%	5.3%	4.9%	3.0%	3.5%	4.5%	5.2%	6.2%	4.9%	5.2%
Worldwide	10.2%	9.3%	8.2%	8.2%	8.1%	8.8%	10.5%	10.5%	10.1%	8.2%	10.5%
<b>Mastercard Credit and Charge Programs</b>											
Worldwide less United States	1.9%	0.7%	-0.6%	0.1%	0.7%	2.4%	5.8%	6.4%	6.5%	0.1%	6.4%
United States	5.5%	5.2%	5.4%	5.3%	5.4%	5.3%	5.8%	5.9%	4.1%	5.3%	5.9%
Worldwide	2.8%	1.8%	0.9%	1.4%	1.9%	3.2%	5.8%	6.3%	5.9%	1.4%	6.3%
<b>Mastercard Debit and Prepaid Programs</b>											
Worldwide less United States	21.5%	20.3%	18.8%	18.1%	18.1%	17.6%	17.9%	16.8%	14.9%	18.1%	16.8%
United States	8.9%	8.1%	5.3%	4.5%	0.6%	1.7%	3.1%	4.5%	8.5%	4.5%	4.5%
Worldwide	18.3%	17.2%	15.5%	14.9%	14.0%	14.0%	14.7%	14.1%	13.6%	14.9%	14.1%

Note that the figures in the preceding tables may not sum due to rounding; growth represents change from the comparable year-ago period.

**Footnote**

The tables set forth the gross dollar volume (“GDV”), purchase volume, cash volume and the number of purchase transactions, cash transactions, and cards on a regional and global basis for Mastercard™-branded cards. Growth rates over prior periods are provided for volume-based data.

Debit transactions on Maestro® and Cirrus®-branded cards and transactions involving brands other than Mastercard are not included in the preceding tables.

For purposes of the table: GDV represents purchase volume plus cash volume and includes the impact of balance transfers and convenience checks; “purchase volume” means the aggregate dollar amount of purchases made with Mastercard-branded cards for the relevant period; and “cash volume” means the aggregate dollar amount of cash disbursements obtained with Mastercard-branded cards for the relevant period. The number of cards includes virtual cards, which are Mastercard-branded payment accounts that do not generally have physical cards associated with them.

The Mastercard payment product is comprised of credit, charge, debit and prepaid programs, and data relating to each type of program is included in the tables. Debit programs include Mastercard-branded debit programs where the primary means of cardholder validation at the point of sale is for cardholders either to sign a sales receipt or enter a PIN. The tables include information with respect to transactions involving Mastercard-branded cards that are not switched by Mastercard and transactions for which Mastercard does not earn significant revenues.

Information denominated in U.S. dollars is calculated by applying an established U.S. dollar/local currency exchange rate for each local currency in which Mastercard volumes are reported. These exchange rates are calculated on a quarterly basis using the average exchange rate for each quarter. Mastercard reports period-over-period rates of change in purchase volume and cash volume on the basis of local currency information, in order to eliminate the impact of changes in the value of foreign currencies against the U.S. dollar in calculating such rates of change.

The data set forth in the GDV, purchase volume, purchase transactions, cash volume and cash transactions columns is provided by Mastercard customers and is subject to verification by Mastercard and partial cross-checking against information provided by Mastercard’s transaction switching systems. The data set forth in the cards columns is provided by Mastercard customers and is subject to certain limited verification by Mastercard. A portion of the data set forth in the cards columns reflects the impact of routine portfolio changes among customers and other practices that may lead to over counting of the underlying data in certain circumstances. All data is subject to revision and amendment by Mastercard’s customers subsequent to the date of its release.

**Effective Q1’18, our operational metrics reflect the impact of the Venezuela deconsolidation. Prior to Q1’18 all metrics include Venezuela. We are providing additional information regarding our Switched Transactions and Card growth rates. The adjusted growth rates eliminate Venezuelan Switched Transactions and Card counts from prior periods, so that you can better understand the underlying growth rates of our business. These are the only supplemental operational metrics which are significantly impacted by the deconsolidation.**

Article 8 of the EU Interchange Fee Regulation related to card payments that became effective June 9, 2016 states that a network can no longer charge fees on domestic EEA payment transactions that do not use its payment brand. Prior to that, Mastercard collected a de minimis assessment fee in a few countries, particularly France, on transactions with Mastercard co-badged cards if the brands of domestic networks (as opposed to Mastercard) were used. As a result, the non-Mastercard co-badged volume is no longer being included.

To aid in understanding the underlying trends in the business, the table above reflects adjusted growth rates for the impact of Article 8, by eliminating the related co-badged volumes where relevant.

## 2. Switched Transactions

The table below sets forth the total number of transactions switched by Mastercard and growth from the comparable year-ago period.

Period		Switched Trans. (Mil.)	Actual Growth	Growth Adj for Ven
2018Q1	(1)	16,681	13.5%	17%
2017Q4	(2)	17,739	16.7%	15%
2017Q3		16,851	16.6%	15%
2017Q2		16,014	17.0%	16%
2017Q1	(2)	14,700	16.7%	16%
2016Q4		15,200	17.2%	16%
2016Q3		14,452	17.7%	17%
2016Q2		13,688	14.0%	14%
2016Q1	(1)	12,601	14.2%	14%
FY 2017	(3)	65,304	16.7%	15%
FY 2016	(1)	55,941	15.8%	15%

## 3. Cross Border Volume

The table below sets forth the Cross Border Volume Growth from the comparable year-ago period, on a local currency basis and U.S. dollar-converted basis, for all Mastercard-branded programs.

Period		Growth (Local)	Growth (USD)
2018Q1	(1)	21.5%	31.8%
2017Q4	(2)	16.6%	22.4%
2017Q3		15.1%	17.4%
2017Q2		13.6%	10.1%
2017Q1	(2)	12.8%	9.6%
2016Q4		12.9%	7.9%
2016Q3		12.4%	9.0%
2016Q2		10.3%	7.1%
2016Q1	(1)	11.9%	6.3%
FY 2017	(3)	14.6%	15.0%
FY 2016	(1)	11.9%	7.6%

Note:

- (1) There was one more switching day in this period vs. the same period the previous year
- (2) There was one less switching day in this period vs. the same period the previous year
- (3) There were two less switching days in this period vs. the same period the previous year



**4. Cards**

The tables below set forth the number of Mastercard, Maestro and Total Cards with growth rates from the comparable year-ago period.

Mastercard Cards				Maestro Cards				Total WW Mastercard & Maestro Cards			
Period	Cards (Mil.)	Actual Growth	Adj for Ven	Period	Cards (Mil.)	Actual Growth	Adj for Ven	Period	Cards (Mil.)	Actual Growth	Adj for Ven
2018Q1	1,852	10.1%	11%	2018Q1	540	-14.4%	-9%	2018Q1	2,392	3.4%	6%
2017Q4	1,823	10.5%	11%	2017Q4	596	-7.5%	-9%	2017Q4	2,418	5.4%	5%
2017Q3	1,776	10.5%	11%	2017Q3	602	-7.6%	-9%	2017Q3	2,378	5.3%	5%
2017Q2	1,723	8.8%	9%	2017Q2	610	-7.7%	-9%	2017Q2	2,333	3.9%	4%
2017Q1	1,683	8.1%	8%	2017Q1	630	-4.8%	-5%	2017Q1	2,313	4.2%	4%
2016Q4	1,650	8.2%	8%	2016Q4	644	-4.8%	-5%	2016Q4	2,294	4.2%	4%
2016Q3	1,607	8.2%	8%	2016Q3	652	-4.4%	-5%	2016Q3	2,258	4.2%	4%
2016Q2	1,583	9.3%	9%	2016Q2	661	-3.0%	-3%	2016Q2	2,244	5.4%	5%
2016Q1	1,557	10.2%	10%	2016Q1	662	-2.7%	-4%	2016Q1	2,219	6.0%	6%