

Papa John's International, Inc.  
 Comparable Sales Data - North America Restaurants

	2017			2016			2015			2014		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>									
Period 1												
Period 2												
Period 3												
<b>Quarter 1</b>	<b>3.0%</b>	<b>1.7%</b>	<b>2.0%</b>	<b>1.0%</b>	<b>-0.2%</b>	<b>0.1%</b>	<b>8.1%</b>	<b>6.0%</b>	<b>6.5%</b>	<b>11.4%</b>	<b>8.9%</b>	<b>9.6%</b>
Period 4												
Period 5												
Period 6												
<b>Quarter 2</b>	<b>2.3%</b>	<b>1.1%</b>	<b>1.4%</b>	<b>5.6%</b>	<b>4.5%</b>	<b>4.8%</b>	<b>7.4%</b>	<b>4.8%</b>	<b>5.5%</b>	<b>7.5%</b>	<b>5.4%</b>	<b>6.0%</b>
Period 7												
Period 8												
Period 9												
<b>Quarter 3</b>	<b>1.7%</b>	<b>0.7%</b>	<b>1.0%</b>	<b>6.3%</b>	<b>5.1%</b>	<b>5.5%</b>	<b>4.7%</b>	<b>2.4%</b>	<b>3.0%</b>	<b>8.3%</b>	<b>7.1%</b>	<b>7.4%</b>
Period 10												
Period 11												
Period 12												
<b>Quarter 4</b>	<b>-4.7%</b>	<b>-3.5%</b>	<b>-3.9%</b>	<b>4.8%</b>	<b>3.4%</b>	<b>3.8%</b>	<b>3.4%</b>	<b>1.3%</b>	<b>1.9%</b>	<b>5.9%</b>	<b>3.4%</b>	<b>4.1%</b>
<b>Full Year</b>	<b>0.4%</b>	<b>-0.1%</b>	<b>0.1%</b>	<b>4.4%</b>	<b>3.1%</b>	<b>3.5%</b>	<b>5.9%</b>	<b>3.6%</b>	<b>4.2%</b>	<b>8.2%</b>	<b>6.2%</b>	<b>6.7%</b>

*Note: Comparable sales represents sales for a period compared to sales for the same period in the previous year for a given restaurant or restaurants. We begin tracking comparable sales once a restaurant has been open for a full year at the beginning of the period measured.*

**Beginning in 2011, Hawaii, Alaska and Canada are included in North America operations.**

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	2013			2012			2011			2010		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>									
Period 1												
Period 2												
Period 3												
<b>Quarter 1</b>	<b>3.9%</b>	<b>0.8%</b>	<b>1.6%</b>	<b>3.0%</b>	<b>0.5%</b>	<b>1.1%</b>	<b>6.7%</b>	<b>5.9%</b>	<b>6.1%</b>	<b>-1.8%</b>	<b>0.1%</b>	<b>-0.4%</b>
Period 4												
Period 5												
Period 6												
<b>Quarter 2</b>	<b>6.0%</b>	<b>2.6%</b>	<b>3.4%</b>	<b>7.4%</b>	<b>5.1%</b>	<b>5.7%</b>	<b>2.1%</b>	<b>-0.1%</b>	<b>0.4%</b>	<b>-1.1%</b>	<b>0.9%</b>	<b>0.4%</b>
Period 7												
Period 8												
Period 9												
<b>Quarter 3</b>	<b>5.1%</b>	<b>0.6%</b>	<b>1.8%</b>	<b>5.0%</b>	<b>1.7%</b>	<b>2.5%</b>	<b>6.3%</b>	<b>4.9%</b>	<b>5.3%</b>	<b>-1.6%</b>	<b>-0.3%</b>	<b>-0.6%</b>
Period 10												
Period 11												
Period 12												
<b>Quarter 4</b>	<b>11.5%</b>	<b>8.1%</b>	<b>9.0%</b>	<b>6.9%</b>	<b>4.6%</b>	<b>5.2%</b>	<b>1.2%</b>	<b>1.8%</b>	<b>1.7%</b>	<b>2.1%</b>	<b>0.3%</b>	<b>0.7%</b>
<b>Full Year</b>	<b>6.6%</b>	<b>3.1%</b>	<b>4.0%</b>	<b>5.6%</b>	<b>2.9%</b>	<b>3.6%</b>	<b>4.1%</b>	<b>3.1%</b>	<b>3.4%</b>	<b>-0.6%</b>	<b>0.3%</b>	<b>0.0%</b>

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	2009			2008			2007			2006		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>									
Period 1										5.6%	2.8%	3.4%
Period 2										7.0%	3.9%	4.6%
Period 3										5.7%	4.2%	4.5%
<b>Quarter 1</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>2.6%</b>	<b>1.4%</b>	<b>1.7%</b>	<b>0.6%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>6.1%</b>	<b>3.7%</b>	<b>4.2%</b>
Period 4										4.4%	3.6%	3.8%
Period 5										5.3%	5.1%	5.2%
Period 6										4.3%	5.0%	4.9%
<b>Quarter 2</b>	<b>-0.4%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>3.6%</b>	<b>1.9%</b>	<b>2.4%</b>	<b>-1.5%</b>	<b>-0.9%</b>	<b>-1.1%</b>	<b>4.6%</b>	<b>4.7%</b>	<b>4.7%</b>
Period 7										3.1%	4.7%	4.4%
Period 8										4.4%	4.4%	4.4%
Period 9										5.1%	4.4%	4.6%
<b>Quarter 3</b>	<b>-0.6%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>1.9%</b>	<b>1.6%</b>	<b>1.7%</b>	<b>0.5%</b>	<b>0.0%</b>	<b>0.2%</b>	<b>4.3%</b>	<b>4.5%</b>	<b>4.5%</b>
Period 10										-0.6%	-2.2%	-1.8%
Period 11										0.6%	-0.6%	-0.3%
Period 12										0.6%	0.1%	0.2%
<b>Quarter 4</b>	<b>-1.4%</b>	<b>-0.2%</b>	<b>-0.5%</b>	<b>-1.3%</b>	<b>-2.2%</b>	<b>-2.0%</b>	<b>2.0%</b>	<b>2.2%</b>	<b>2.1%</b>	<b>0.3%</b>	<b>-0.7%</b>	<b>-0.5%</b>
<b>Full Year</b>	<b>-0.5%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>1.7%</b>	<b>0.6%</b>	<b>0.9%</b>	<b>0.5%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>3.6%</b>	<b>2.9%</b>	<b>3.1%</b>

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	2005			2004			2003			2002		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>									
Period 1	2.5%	1.8%	2.0%	5.8%	3.4%	4.0%	0.9%	2.1%	1.8%	-6.2%	-5.0%	-5.3%
Period 2	1.1%	2.5%	2.1%	1.9%	2.3%	2.2%	-9.2%	-11.1%	-10.6%	-1.9%	-3.9%	-3.4%
Period 3	7.4%	6.2%	6.5%	-2.6%	-4.1%	-3.7%	-6.6%	-4.6%	-5.1%	3.2%	1.5%	1.9%
<b>Quarter 1</b>	<b>3.9%</b>	<b>3.7%</b>	<b>3.8%</b>	<b>1.3%</b>	<b>0.2%</b>	<b>0.5%</b>	<b>-5.3%</b>	<b>-4.8%</b>	<b>-4.9%</b>	<b>-1.3%</b>	<b>-2.2%</b>	<b>-2.0%</b>
Period 4	9.0%	8.5%	8.6%	-2.4%	-5.8%	-5.0%	-7.3%	-7.3%	-7.3%	6.4%	4.5%	5.0%
Period 5	4.7%	3.3%	3.7%	-0.8%	-4.2%	-3.4%	-2.1%	0.2%	-0.4%	2.0%	-3.0%	-1.8%
Period 6	8.9%	5.0%	6.0%	3.6%	1.3%	1.9%	-4.6%	-6.6%	-6.1%	-0.8%	-2.8%	-2.3%
<b>Quarter 2</b>	<b>7.6%</b>	<b>5.6%</b>	<b>6.1%</b>	<b>0.3%</b>	<b>-2.6%</b>	<b>-1.9%</b>	<b>-4.7%</b>	<b>-4.8%</b>	<b>-4.8%</b>	<b>2.3%</b>	<b>-0.5%</b>	<b>0.2%</b>
Period 7	8.0%	1.0%	2.7%	3.7%	3.2%	3.3%	-2.8%	-5.3%	-4.7%	-2.2%	-3.4%	-3.1%
Period 8	10.1%	3.9%	5.4%	-0.6%	-1.4%	-1.2%	-2.6%	-2.3%	-2.4%	-2.7%	-6.6%	-5.6%
Period 9	8.2%	1.9%	3.4%	0.6%	1.4%	1.2%	-6.3%	-6.8%	-6.7%	2.0%	-0.1%	0.4%
<b>Quarter 3</b>	<b>8.7%</b>	<b>2.3%</b>	<b>3.9%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>-4.1%</b>	<b>-5.0%</b>	<b>-4.8%</b>	<b>-0.7%</b>	<b>-3.0%</b>	<b>-2.5%</b>
Period 10	10.3%	4.7%	5.9%	-1.0%	-0.3%	-0.5%	6.2%	4.1%	4.5%	-2.9%	-4.1%	-3.8%
Period 11	12.0%	7.8%	8.7%	-2.7%	0.6%	-0.2%	3.5%	0.1%	0.9%	4.7%	0.4%	1.5%
Period 12	7.9%	3.9%	4.8%	0.9%	2.8%	2.3%	-1.2%	-2.9%	-2.5%	-0.3%	-4.5%	-3.5%
<b>Quarter 4</b>	<b>9.9%</b>	<b>5.5%</b>	<b>6.4%</b>	<b>-0.8%</b>	<b>1.2%</b>	<b>0.7%</b>	<b>2.4%</b>	<b>0.2%</b>	<b>0.7%</b>	<b>0.4%</b>	<b>-2.8%</b>	<b>-2.0%</b>
<b>Full Year</b>	<b>7.4%</b>	<b>4.3%</b>	<b>5.1%</b>	<b>0.5%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>-3.0%</b>	<b>-3.6%</b>	<b>-3.5%</b>	<b>0.2%</b>	<b>-1.8%</b>	<b>-1.3%</b>

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 Comparable Sales Data - North America Restaurants

	2001			2000			1999			1998		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>									
Period 1	0.6%	2.4%	1.9%	5.3%	3.2%	3.8%						
Period 2	7.8%	9.3%	8.9%	6.3%	5.4%	5.6%						
Period 3	2.4%	3.1%	2.9%	1.1%	0.4%	0.6%						
<b>Quarter 1</b>	<b>3.5%</b>	<b>4.8%</b>	<b>4.5%</b>	<b>4.0%</b>	<b>2.8%</b>	<b>3.1%</b>	<b>2.9%</b>	<b>9.2%</b>	<b>7.2%</b>	<b>13.0%</b>	<b>10.1%</b>	<b>10.9%</b>
Period 4	-6.9%	-4.8%	-5.3%	7.4%	7.2%	7.3%						
Period 5	-3.1%	1.6%	0.3%	-2.7%	-2.8%	-2.8%						
Period 6	-4.3%	1.6%	0.0%	1.7%	1.9%	1.8%						
<b>Quarter 2</b>	<b>-4.8%</b>	<b>-0.5%</b>	<b>-1.7%</b>	<b>2.0%</b>	<b>2.1%</b>	<b>2.1%</b>	<b>4.2%</b>	<b>6.5%</b>	<b>5.8%</b>	<b>6.3%</b>	<b>7.6%</b>	<b>7.2%</b>
Period 7	-3.3%	0.9%	0.0%	0.1%	-1.2%	-0.8%						
Period 8	-2.3%	1.5%	0.5%	2.6%	0.4%	1.0%						
Period 9	-4.1%	1.4%	-0.1%	3.4%	0.6%	1.4%						
<b>Quarter 3</b>	<b>-3.3%</b>	<b>1.3%</b>	<b>0.0%</b>	<b>2.2%</b>	<b>0.0%</b>	<b>0.6%</b>	<b>4.5%</b>	<b>6.9%</b>	<b>6.2%</b>	<b>8.3%</b>	<b>10.1%</b>	<b>9.5%</b>
Period 10	-8.1%	-2.3%	-3.9%	4.2%	0.0%	1.2%						
Period 11	-9.6%	-3.9%	-5.4%	4.0%	1.2%	1.9%						
Period 12	-4.1%	1.0%	-0.4%	2.3%	2.7%	2.6%	4.7%	0.5%	1.7%			
<b>Quarter 4</b>	<b>-7.0%</b>	<b>-1.5%</b>	<b>-3.0%</b>	<b>3.3%</b>	<b>1.5%</b>	<b>2.0%</b>	<b>1.8%</b>	<b>2.1%</b>	<b>2.0%</b>	<b>8.3%</b>	<b>10.6%</b>	<b>9.9%</b>
<b>Full Year</b>	<b>-2.9%</b>	<b>1.2%</b>	<b>0.0%</b>	<b>3.0%</b>	<b>2.1%</b>	<b>2.3%</b>	<b>3.5%</b>	<b>6.4%</b>	<b>5.5%</b>	<b>9.0%</b>	<b>10.1%</b>	<b>9.7%</b>

**Papa John's International, Inc.**  
**Comparable Sales Data - International**

	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>2010</b>
<b>Quarter 1</b>	<b>6.0%</b>	<b>5.7%</b>	<b>7.7%</b>	<b>6.4%</b>	<b>8.2%</b>	<b>8.4%</b>	<b>5.6%</b>	<b>-0.7%</b>
<b>Quarter 2</b>	<b>3.9%</b>	<b>5.3%</b>	<b>6.8%</b>	<b>8.6%</b>	<b>6.8%</b>	<b>6.1%</b>	<b>4.8%</b>	<b>0.2%</b>
<b>Quarter 3</b>	<b>5.3%</b>	<b>7.6%</b>	<b>8.0%</b>	<b>5.5%</b>	<b>8.1%</b>	<b>6.9%</b>	<b>4.7%</b>	<b>5.5%</b>
<b>Quarter 4</b>	<b>2.6%</b>	<b>5.6%</b>	<b>5.3%</b>	<b>8.9%</b>	<b>7.0%</b>	<b>7.0%</b>	<b>5.2%</b>	<b>5.5%</b>
<b>Year-to-date</b>	<b>4.4%</b>	<b>6.0%</b>	<b>6.9%</b>	<b>7.4%</b>	<b>7.5%</b>	<b>7.1%</b>	<b>5.1%</b>	<b>2.6%</b>

*Note: Comparable sales represents sales for a period compared to sales for the same period in the previous year for a given restaurant or restaurants. We begin tracking comparable sales once a restaurant has been open for a full year at the beginning of the period measured. Comparable sales are reported on a constant dollar basis, which excludes the impact of foreign currency conversion.*

*Comparable sales above includes both Company-owned and franchised restaurants.*