

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

	2019			2018			2017			2016		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>
Period 1												
Period 2												
Period 3												
Quarter 1	-9.0%	-6.1%	-6.9%	-6.1%	-5.0%	-5.3%	3.0%	1.7%	2.0%	1.0%	-0.2%	0.1%
Period 4												
Period 5												
Period 6												
Quarter 2	-6.8%	-5.3%	-5.7%	-7.2%	-5.7%	-6.1%	2.3%	1.1%	1.4%	5.6%	4.5%	4.8%
	-7.9%	-5.7%	-6.3%									
Period 7												
Period 8												
Period 9												
Quarter 3				-13.2%	-8.6%	-9.8%	1.7%	0.7%	1.0%	6.3%	5.1%	5.5%
Period 10												
Period 11												
Period 12												
Quarter 4				-10.2%	-7.4%	-8.1%	-4.7%	-3.5%	-3.9%	4.8%	3.4%	3.8%
Full Year				-9.0%	-6.7%	-7.3%	0.4%	-0.1%	0.1%	4.4%	3.1%	3.5%

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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	2015			2014			2013			2012		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>
Period 1												
Period 2												
Period 3												
Quarter 1	8.1%	6.0%	6.5%	11.4%	8.9%	9.6%	3.9%	0.8%	1.6%	3.0%	0.5%	1.1%
Period 4												
Period 5												
Period 6												
Quarter 2	7.4%	4.8%	5.5%	7.5%	5.4%	6.0%	6.0%	2.6%	3.4%	7.4%	5.1%	5.7%
Period 7												
Period 8												
Period 9												
Quarter 3	4.7%	2.4%	3.0%	8.3%	7.1%	7.4%	5.1%	0.6%	1.8%	5.0%	1.7%	2.5%
Period 10												
Period 11												
Period 12												
Quarter 4	3.4%	1.3%	1.9%	5.9%	3.4%	4.1%	11.5%	8.1%	9.0%	6.9%	4.6%	5.2%
Full Year	5.9%	3.6%	4.2%	8.2%	6.2%	6.7%	6.6%	3.1%	4.0%	5.6%	2.9%	3.6%

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	2011			2010			2009			2008		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>
Period 1												
Period 2												
Period 3												
Quarter 1	6.7%	5.9%	6.1%	-1.8%	0.1%	-0.4%	0.3%	0.3%	0.3%	2.6%	1.4%	1.7%
Period 4												
Period 5												
Period 6												
Quarter 2	2.1%	-0.1%	0.4%	-1.1%	0.9%	0.4%	-0.4%	0.2%	0.1%	3.6%	1.9%	2.4%
Period 7												
Period 8												
Period 9												
Quarter 3	6.3%	4.9%	5.3%	-1.6%	-0.3%	-0.6%	-0.6%	0.2%	0.0%	1.9%	1.6%	1.7%
Period 10												
Period 11												
Period 12												
Quarter 4	1.2%	1.8%	1.7%	2.1%	0.3%	0.7%	-1.4%	-0.2%	-0.5%	-1.3%	-2.2%	-2.0%
Full Year	4.1%	3.1%	3.4%	-0.6%	0.3%	0.0%	-0.5%	0.1%	0.0%	1.7%	0.6%	0.9%

Papa John's International, Inc.
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	2007			2006			2005			2004		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>
Period 1				5.6%	2.8%	3.4%	2.5%	1.8%	2.0%	5.8%	3.4%	4.0%
Period 2				7.0%	3.9%	4.6%	1.1%	2.5%	2.1%	1.9%	2.3%	2.2%
Period 3				5.7%	4.2%	4.5%	7.4%	6.2%	6.5%	-2.6%	-4.1%	-3.7%
Quarter 1	0.6%	0.1%	0.2%	6.1%	3.7%	4.2%	3.9%	3.7%	3.8%	1.3%	0.2%	0.5%
Period 4				4.4%	3.6%	3.8%	9.0%	8.5%	8.6%	-2.4%	-5.8%	-5.0%
Period 5				5.3%	5.1%	5.2%	4.7%	3.3%	3.7%	-0.8%	-4.2%	-3.4%
Period 6				4.3%	5.0%	4.9%	8.9%	5.0%	6.0%	3.6%	1.3%	1.9%
Quarter 2	-1.5%	-0.9%	-1.1%	4.6%	4.7%	4.7%	7.6%	5.6%	6.1%	0.3%	-2.6%	-1.9%
Period 7				3.1%	4.7%	4.4%	8.0%	1.0%	2.7%	3.7%	3.2%	3.3%
Period 8				4.4%	4.4%	4.4%	10.1%	3.9%	5.4%	-0.6%	-1.4%	-1.2%
Period 9				5.1%	4.4%	4.6%	8.2%	1.9%	3.4%	0.6%	1.4%	1.2%
Quarter 3	0.5%	0.0%	0.2%	4.3%	4.5%	4.5%	8.7%	2.3%	3.9%	1.1%	1.2%	1.2%
Period 10				-0.6%	-2.2%	-1.8%	10.3%	4.7%	5.9%	-1.0%	-0.3%	-0.5%
Period 11				0.6%	-0.6%	-0.3%	12.0%	7.8%	8.7%	-2.7%	0.6%	-0.2%
Period 12				0.6%	0.1%	0.2%	7.9%	3.9%	4.8%	0.9%	2.8%	2.3%
Quarter 4	2.0%	2.2%	2.1%	0.3%	-0.7%	-0.5%	9.9%	5.5%	6.4%	-0.8%	1.2%	0.7%
Full Year	0.5%	0.3%	0.4%	3.6%	2.9%	3.1%	7.4%	4.3%	5.1%	0.5%	0.0%	0.1%

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	2003			2002			2001			2000		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>
Period 1	0.9%	2.1%	1.8%	-6.2%	-5.0%	-5.3%	0.6%	2.4%	1.9%	5.3%	3.2%	3.8%
Period 2	-9.2%	-11.1%	-10.6%	-1.9%	-3.9%	-3.4%	7.8%	9.3%	8.9%	6.3%	5.4%	5.6%
Period 3	-6.6%	-4.6%	-5.1%	3.2%	1.5%	1.9%	2.4%	3.1%	2.9%	1.1%	0.4%	0.6%
Quarter 1	-5.3%	-4.8%	-4.9%	-1.3%	-2.2%	-2.0%	3.5%	4.8%	4.5%	4.0%	2.8%	3.1%
Period 4	-7.3%	-7.3%	-7.3%	6.4%	4.5%	5.0%	-6.9%	-4.8%	-5.3%	7.4%	7.2%	7.3%
Period 5	-2.1%	0.2%	-0.4%	2.0%	-3.0%	-1.8%	-3.1%	1.6%	0.3%	-2.7%	-2.8%	-2.8%
Period 6	-4.6%	-6.6%	-6.1%	-0.8%	-2.8%	-2.3%	-4.3%	1.6%	0.0%	1.7%	1.9%	1.8%
Quarter 2	-4.7%	-4.8%	-4.8%	2.3%	-0.5%	0.2%	-4.8%	-0.5%	-1.7%	2.0%	2.1%	2.1%
Period 7	-2.8%	-5.3%	-4.7%	-2.2%	-3.4%	-3.1%	-3.3%	0.9%	0.0%	0.1%	-1.2%	-0.8%
Period 8	-2.6%	-2.3%	-2.4%	-2.7%	-6.6%	-5.6%	-2.3%	1.5%	0.5%	2.6%	0.4%	1.0%
Period 9	-6.3%	-6.8%	-6.7%	2.0%	-0.1%	0.4%	-4.1%	1.4%	-0.1%	3.4%	0.6%	1.4%
Quarter 3	-4.1%	-5.0%	-4.8%	-0.7%	-3.0%	-2.5%	-3.3%	1.3%	0.0%	2.2%	0.0%	0.6%
Period 10	6.2%	4.1%	4.5%	-2.9%	-4.1%	-3.8%	-8.1%	-2.3%	-3.9%	4.2%	0.0%	1.2%
Period 11	3.5%	0.1%	0.9%	4.7%	0.4%	1.5%	-9.6%	-3.9%	-5.4%	4.0%	1.2%	1.9%
Period 12	-1.2%	-2.9%	-2.5%	-0.3%	-4.5%	-3.5%	-4.1%	1.0%	-0.4%	2.3%	2.7%	2.6%
Quarter 4	2.4%	0.2%	0.7%	0.4%	-2.8%	-2.0%	-7.0%	-1.5%	-3.0%	3.3%	1.5%	2.0%
Full Year	-3.0%	-3.6%	-3.5%	0.2%	-1.8%	-1.3%	-2.9%	1.2%	0.0%	3.0%	2.1%	2.3%

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	1999			1998		
	<u>Company</u>	<u>Franchise</u>	<u>System</u>	<u>Company</u>	<u>Franchise</u>	<u>System</u>
Period 1						
Period 2						
Period 3						
Quarter 1	2.9%	9.2%	7.2%	13.0%	10.1%	10.9%
Period 4						
Period 5						
Period 6						
Quarter 2	4.2%	6.5%	5.8%	6.3%	7.6%	7.2%
Period 7						
Period 8						
Period 9						
Quarter 3	4.5%	6.9%	6.2%	8.3%	10.1%	9.5%
Period 10						
Period 11						
Period 12	4.7%	0.5%	1.7%			
Quarter 4	1.8%	2.1%	2.0%	8.3%	10.6%	9.9%
Full Year	3.5%	6.4%	5.5%	9.0%	10.1%	9.7%

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

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Quarter 1	-0.1%	0.3%	6.0%	5.7%	7.7%	6.4%	8.2%	8.4%	5.6%	-0.7%
Quarter 2	0.3%	-0.8%	3.9%	5.3%	6.8%	8.6%	6.8%	6.1%	4.8%	0.2%
Quarter 3		-3.3%	5.3%	7.6%	8.0%	5.5%	8.1%	6.9%	4.7%	5.5%
Quarter 4		-2.6%	2.6%	5.6%	5.3%	8.9%	7.0%	7.0%	5.2%	5.5%
Year-to-date	0.1%	-1.6%	4.4%	6.0%	6.9%	7.4%	7.5%	7.1%	5.1%	2.6%

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.