

Papa John's International, Inc.

Comparable Sales Summary

1998 - Present

	North America			INTL	Global
	Corporate	Franchise	Total	Total	Total
Q1-98	13.0%	10.1%	10.9%		
Q2-98	6.3%	7.6%	7.2%		
Q3-98	8.3%	10.1%	9.5%		
Q4-98	8.3%	10.6%	9.9%		
1998	9.0%	10.1%	9.7%		
Q1-99	2.9%	9.2%	7.2%		
Q2-99	4.2%	6.5%	5.8%		
Q3-99	4.5%	6.9%	6.2%		
Q4-99	1.8%	2.1%	2.0%		
1999	3.5%	6.4%	5.5%		
Q1-00	4.0%	2.8%	3.1%		
Q2-00	2.0%	2.1%	2.1%		
Q3-00	2.2%	0.0%	0.6%		
Q4-00	3.3%	1.5%	2.0%		
2000	3.0%	2.1%	2.3%		
Q1-01	3.5%	4.8%	4.5%		
Q2-01	-4.8%	-0.5%	-1.7%		
Q3-01	-3.3%	1.3%	0.0%		
Q4-01	-7.0%	-1.5%	-3.0%		
2001	-2.9%	1.2%	0.0%		
Q1-02	-1.3%	-2.2%	-2.0%		
Q2-02	2.3%	-0.5%	0.2%		
Q3-02	-0.7%	-3.0%	-2.5%		
Q4-02	0.4%	-2.8%	-2.0%		
2002	0.2%	-1.8%	-1.3%		
Q1-03	-5.3%	-4.8%	-4.9%		
Q2-03	-4.7%	-4.8%	-4.8%		
Q3-03	-4.1%	-5.0%	-4.8%		
Q4-03	2.4%	0.2%	0.7%		
2003	-3.0%	-3.6%	-3.5%		
Q1-04	1.3%	0.2%	0.5%		
Q2-04	0.3%	-2.6%	-1.9%		
Q3-04	1.1%	1.2%	1.2%		
Q4-04	-0.8%	1.2%	0.7%		
2004	0.5%	0.0%	0.1%		
Q1-05	3.9%	3.7%	3.8%		
Q2-05	7.6%	5.6%	6.1%		
Q3-05	8.7%	2.3%	3.9%		
Q4-05	9.9%	5.5%	6.4%		
2005	7.4%	4.3%	5.1%		
Q1-06	6.1%	3.7%	4.2%		
Q2-06	4.6%	4.7%	4.7%		
Q3-06	4.3%	4.5%	4.5%		
Q4-06	0.3%	-0.7%	-0.5%		
2006	3.6%	2.9%	3.1%		

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Q1-07	0.6%	0.1%	0.2%		
Q2-07	-1.5%	-0.9%	-1.1%		
Q3-07	0.5%	0.0%	0.2%		
Q4-07	2.0%	2.2%	2.1%		
2007	0.5%	0.3%	0.4%		
Q1-08	2.6%	1.4%	1.7%		
Q2-08	3.6%	1.9%	2.4%		
Q3-08	1.9%	1.6%	1.7%		
Q4-08	-1.3%	-2.2%	-2.0%		
2008	1.7%	0.6%	0.9%		
Q1-09	0.3%	0.3%	0.3%		
Q2-09	-0.4%	0.2%	0.1%		
Q3-09	-0.6%	0.2%	0.0%		
Q4-09	-1.4%	-0.2%	-0.5%		
2009	-0.5%	0.1%	0.0%		
Q1-10	-1.8%	0.1%	-0.4%	-0.7%	
Q2-10	-1.1%	0.9%	0.4%	0.2%	
Q3-10	-1.6%	-0.3%	-0.6%	5.5%	
Q4-10	2.1%	0.3%	0.7%	5.5%	
2010	-0.6%	0.3%	0.0%	2.6%	
Q1-11	6.7%	5.9%	6.1%	5.6%	
Q2-11	2.1%	-0.1%	0.4%	4.8%	
Q3-11	6.3%	4.9%	5.3%	4.7%	
Q4-11	1.2%	1.8%	1.7%	5.2%	
2011	4.1%	3.1%	3.4%	5.1%	
Q1-12	3.0%	0.5%	1.1%	8.4%	
Q2-12	7.4%	5.1%	5.7%	6.1%	
Q3-12	5.0%	1.7%	2.5%	6.9%	
Q4-12	6.9%	4.6%	5.2%	7.0%	
2012	5.6%	2.9%	3.6%	7.1%	
Q1-13	3.9%	0.8%	1.6%	8.2%	
Q2-13	6.0%	2.6%	3.4%	6.8%	
Q3-13	5.1%	0.6%	1.8%	8.1%	
Q4-13	11.5%	8.1%	9.0%	7.0%	
2013	6.6%	3.1%	4.0%	7.5%	
Q1-14	11.4%	8.9%	9.6%	6.4%	
Q2-14	7.5%	5.4%	6.0%	8.6%	
Q3-14	8.3%	7.1%	7.4%	5.5%	
Q4-14	5.9%	3.4%	4.1%	8.9%	
2014	8.2%	6.2%	6.7%	7.4%	
Q1-15	8.1%	6.0%	6.5%	7.7%	
Q2-15	7.4%	4.8%	5.5%	6.8%	
Q3-15	4.7%	2.4%	3.0%	8.0%	
Q4-15	3.4%	1.3%	1.9%	5.3%	
2015	5.9%	3.6%	4.2%	6.9%	

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	North America			INTL	Global
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Q1-16	1.0%	-0.2%	0.1%	5.7%	
Q2-16	5.6%	4.5%	4.8%	5.3%	
Q3-16	6.3%	5.1%	5.5%	7.6%	
Q4-16	4.8%	3.4%	3.8%	5.6%	
2016	4.4%	3.1%	3.5%	6.0%	
Q1-17	3.0%	1.7%	2.0%	6.0%	
Q2-17	2.3%	1.1%	1.4%	3.9%	
Q3-17	1.7%	0.7%	1.0%	5.3%	
Q4-17	-4.7%	-3.5%	-3.9%	2.6%	
2017	0.4%	-0.1%	0.1%	4.4%	
Q1-18	-6.1%	-5.0%	-5.3%	0.3%	
Q2-18	-7.2%	-5.7%	-6.1%	-0.8%	
Q3-18	-13.2%	-8.6%	-9.8%	-3.3%	
Q4-18	-10.2%	-7.4%	-8.1%	-2.6%	
2018	-9.0%	-6.7%	-7.3%	-1.6%	
Q1-19	-9.0%	-6.1%	-6.9%	-0.1%	
Q2-19	-6.8%	-5.3%	-5.7%	0.3%	
Q3-19	2.2%	0.6%	1.0%	1.6%	
Q4-19	4.1%	3.3%	3.5%	2.4%	
2019	-2.7%	-2.0%	-2.2%	1.1%	
Q1-20	6.1%	5.1%	5.3%	2.3%	
Q2-20	22.6%	29.7%	28.0%	5.3%	22.2%
Q3-20	18.2%	25.6%	23.8%	20.7%	23.0%
Q4-20	10.2%	14.5%	13.5%	21.4%	15.6%
2020	14.2%	18.6%	17.6%	12.6%	16.3%
Q1-21	23.3%	27.1%	26.2%	23.2%	25.4%
Q2-21	5.6%	5.2%	5.2%	21.2%	9.0%
Q3-21	7.4%	6.8%	6.9%	8.3%	7.3%
Q4-21	10.2%	11.3%	11.1%	2.4%	8.6%
2021	11.3%	12.0%	11.8%	13.0%	12.1%
Q1-22	-1.2%	2.8%	1.9%	0.8%	1.6%
Q2-22	-1.5%	1.4%	0.9%	-8.0%	-1.4%
Ytd	-1.3%	2.1%	1.4%	-3.6%	0.1%

Note: "Comparable sales" represents the change in year-over-year sales for the same base of restaurants for the same fiscal periods. 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.

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