

Brunswick MSA Physician Standard Report

Included Counties: Brantley, Glynn, McIntosh

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Physician /100k	Population
Allergy & Immunology	97,694	1	1.0	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.4	1	Adequate 0	1
Two Mature HMO	1.5	1	Adequate 0	2
Adjusted FTE	1.4	1	Adequate 0	1
GMENAC	0.8	1	Adequate 0	1
Kaiser Portland	1.7	2	Deficit: -1	2
7 Kaiser Plans	1.2	1	Adequate 0	1
GHC Seattle	1.1	1	Adequate 0	1
Three HMOs				
Goodman	1.3	1	Adequate 0	1
Hicks & Glenn				
Solucient	1.7	2	Deficit: -1	2
Average Requirement	1.3	1	Adequate 0	1

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Physician /100k	Population
Anesthesiology	97,694	6	6.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.0	14	Deficit: -8	14
Two Mature HMO	9.7	9	Deficit: -3	10
Adjusted FTE	9.1	9	Deficit: -3	9
GMENAC	8.9	9	Deficit: -3	9
Kaiser Portland	5.9	6	Adequate 0	6
7 Kaiser Plans	3.9	4	Surplus: 2	4
GHC Seattle	9.0	9	Deficit: -3	9
Three HMOs				
Goodman	7.0	7	Deficit: -1	7
Hicks & Glenn				
Solucient				
Average Requirement	7.6	7	Deficit: -1	8

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Cardiovascular Diseases		97,694	8	8.2	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	7	Surplus: 1	8	
Two Mature HMO	5.4	5	Surplus: 3	5	
Adjusted FTE	5.0	5	Surplus: 3	5	
GMENAC	3.1	3	Surplus: 5	3	
Kaiser Portland	3.0	3	Surplus: 5	3	
7 Kaiser Plans	1.8	2	Surplus: 6	2	
GHC Seattle	2.9	3	Surplus: 5	3	
Three HMOs					
Goodman	3.6	4	Surplus: 4	4	
Hicks & Glenn	2.6	3	Surplus: 5	3	
Solucient	4.2	4	Surplus: 4	4	
Average Requirement	3.5	3	Surplus: 5	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Dermatology		97,694	4	4.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	4	Adequate 0	4	
Two Mature HMO	2.8	3	Surplus: 1	3	
Adjusted FTE	2.6	3	Surplus: 1	3	
GMENAC	2.8	3	Surplus: 1	3	
Kaiser Portland	2.5	2	Surplus: 2	3	
7 Kaiser Plans	2.4	2	Surplus: 2	2	
GHC Seattle	2.6	3	Surplus: 1	3	
Three HMOs	1.6	2	Surplus: 2	2	
Goodman	1.4	1	Surplus: 3	1	
Hicks & Glenn	2.1	2	Surplus: 2	2	
Solucient	3.1	3	Surplus: 1	3	
Average Requirement	2.4	2	Surplus: 2	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Emergency Medicine		97,694	7	7.2	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	10	Deficit: -3	11	
Two Mature HMO	5.5	5	Surplus: 2	6	
Adjusted FTE	5.2	5	Surplus: 2	5	
GMENAC	5.4	5	Surplus: 2	5	
Kaiser Portland	6.7	7	Adequate 0	7	
7 Kaiser Plans	5.3	5	Surplus: 2	5	
GHC Seattle					
Three HMOs					
Goodman	2.7	3	Surplus: 4	3	
Hicks & Glenn					
Solucient	12.4	12	Deficit: -5	13	
Average Requirement	6.2	6	Surplus: 1	6	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Endocrinology, Diabetes & Metabolism		97,694	1	1.0	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	2	Deficit: -1	2	
Two Mature HMO	1.1	1	Adequate 0	1	
Adjusted FTE	1.0	1	Adequate 0	1	
GMENAC	0.8	1	Adequate 0	1	
Kaiser Portland	0.9	1	Adequate 0	1	
7 Kaiser Plans	1.1	1	Adequate 0	1	
GHC Seattle					
Three HMOs	0.6	1	Adequate 0	1	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	1	Adequate 0	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Family Practice		97,694	33	33.8	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	31	Surplus: 2	32	
Two Mature HMO	45.6	45	Deficit: -12	46	
Adjusted FTE	42.6	42	Deficit: -9	43	
GMENAC	25.2	25	Surplus: 8	25	
Kaiser Portland	16.7	16	Surplus: 17	17	
7 Kaiser Plans	11.0	11	Surplus: 22	11	
GHC Seattle					
Three HMOs	9.2	9	Surplus: 24	9	
Goodman					
Hicks & Glenn	16.2	16	Surplus: 17	16	
Solucient	22.5	22	Surplus: 11	23	
Average Requirement	23.6	23	Surplus: 10	24	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Gastroenterology		97,694	4	4.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	4	Adequate 0	4	
Two Mature HMO	3.1	3	Surplus: 1	3	
Adjusted FTE					
GMENAC	3.2	3	Surplus: 1	3	
Kaiser Portland	1.7	2	Surplus: 2	2	
7 Kaiser Plans	1.7	2	Surplus: 2	2	
GHC Seattle					
Three HMOs					
Goodman	1.3	1	Surplus: 3	1	
Hicks & Glenn					
Solucient	3.5	3	Surplus: 1	4	
Average Requirement	2.4	2	Surplus: 2	2	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Hematology/Oncology	97,694	1	1.0	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	3	Deficit: -2	4
Two Mature HMO	2.5	2	Deficit: -1	3
Adjusted FTE	2.4	2	Deficit: -1	2
GMENAC	3.6	4	Deficit: -3	4
Kaiser Portland	2.3	2	Deficit: -1	2
7 Kaiser Plans	1.8	2	Deficit: -1	2
GHC Seattle	1.6	2	Deficit: -1	2
Three HMOs	2.6	3	Deficit: -2	3
Goodman	1.2	1	Adequate 0	1
Hicks & Glenn				
Solucient	1.1	1	Adequate 0	1
Average Requirement	2.1	2	Deficit: -1	2

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Infectious Disease	97,694	1	1.0	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.2	2	Deficit: -1	2
Two Mature HMO	0.7	1	Adequate 0	1
Adjusted FTE	0.6	1	Adequate 0	1
GMENAC	0.9	1	Adequate 0	1
Kaiser Portland	1.2	1	Adequate 0	1
7 Kaiser Plans	0.7	1	Adequate 0	1
GHC Seattle	0.6	1	Adequate 0	1
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.8	1	Adequate 0	1

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Internal Medicine	97,694	14	14.3	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	53.1	52	Deficit: -38	54
Two Mature HMO	21.4	21	Deficit: -7	22
Adjusted FTE	20.0	20	Deficit: -6	20
GMENAC	28.8	28	Deficit: -14	29
Kaiser Portland	28.1	27	Deficit: -13	28
7 Kaiser Plans	30.3	30	Deficit: -16	31
GHC Seattle				
Three HMOs	16.7	16	Deficit: -2	17
Goodman				
Hicks & Glenn	11.3	11	Surplus: 3	11
Solucient	19.0	19	Deficit: -5	19
Average Requirement	22.0	21	Deficit: -7	22

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Nephrology	97,694	3	3.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.6	3	Adequate 0	3
Two Mature HMO	1.4	1	Surplus: 2	1
Adjusted FTE	1.3	1	Surplus: 2	1
GMENAC	1.1	1	Surplus: 2	1
Kaiser Portland	0.8	1	Surplus: 2	1
7 Kaiser Plans	0.7	1	Surplus: 2	1
GHC Seattle	0.9	1	Surplus: 2	1
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient	0.7	1	Surplus: 2	1
Average Requirement	1.0	1	Surplus: 2	1

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Neurological Surgery	97,694	4	4.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.9	2	Surplus: 2	2
Two Mature HMO	1.1	1	Surplus: 3	1
Adjusted FTE	1.0	1	Surplus: 3	1
GMENAC	1.1	1	Surplus: 3	1
Kaiser Portland	1.4	1	Surplus: 3	1
7 Kaiser Plans				
GHC Seattle	0.4	0	Surplus: 4	0
Three HMOs				
Goodman	0.7	1	Surplus: 3	1
Hicks & Glenn				
Solucient				
Average Requirement	1.0	1	Surplus: 3	1

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Neurology	97,694	3	3.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	5.0	5	Deficit: -2	5
Two Mature HMO	2.4	2	Surplus: 1	2
Adjusted FTE	2.3	2	Surplus: 1	2
GMENAC	3.3	3	Adequate 0	3
Kaiser Portland	1.3	1	Surplus: 2	1
7 Kaiser Plans	1.7	2	Surplus: 1	2
GHC Seattle	1.2	1	Surplus: 2	1
Three HMOs				
Goodman	2.1	2	Surplus: 1	2
Hicks & Glenn	1.4	1	Surplus: 2	1
Solucient	1.8	2	Surplus: 1	2
Average Requirement	1.9	2	Surplus: 1	2

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician	/100k	Population
OB/GYN		97,694	14	14.3	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	14	Adequate	0	14
Two Mature HMO	12.1	12	Surplus:	2	12
Adjusted FTE	11.3	11	Surplus:	3	11
GMENAC	9.9	10	Surplus:	4	10
Kaiser Portland	11.6	11	Surplus:	3	12
7 Kaiser Plans	11.5	11	Surplus:	3	12
GHC Seattle	10.0	10	Surplus:	4	10
Three HMOs	8.8	9	Surplus:	5	9
Goodman	8.4	8	Surplus:	6	8
Hicks & Glenn	8.0	8	Surplus:	6	8
Solucient	10.2	10	Surplus:	4	10
Average Requirement	10.2	10	Surplus:	4	10

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician	/100k	Population
Ophthalmology		97,694	7	7.2	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	6	Surplus:	1	6
Two Mature HMO	5.9	6	Surplus:	1	6
Adjusted FTE	5.5	5	Surplus:	2	6
GMENAC	4.6	4	Surplus:	3	5
Kaiser Portland	2.4	2	Surplus:	5	2
7 Kaiser Plans	3.1	3	Surplus:	4	3
GHC Seattle	5.0	5	Surplus:	2	5
Three HMOs					
Goodman	3.5	3	Surplus:	4	4
Hicks & Glenn	3.2	3	Surplus:	4	3
Solucient	4.7	5	Surplus:	2	5
Average Requirement	4.2	4	Surplus:	3	4

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Physician /100k	Population
Orthopedic Surgery	97,694	9	9.2	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	8.3	8	Surplus: 1	8
Two Mature HMO	6.8	7	Surplus: 2	7
Adjusted FTE	6.4	6	Surplus: 3	6
GMENAC	6.0	6	Surplus: 3	6
Kaiser Portland	5.9	6	Surplus: 3	6
7 Kaiser Plans	4.2	4	Surplus: 5	4
GHC Seattle	6.7	7	Surplus: 2	7
Three HMOs	3.0	3	Surplus: 6	3
Goodman	5.9	6	Surplus: 3	6
Hicks & Glenn	4.2	4	Surplus: 5	4
Solucient	6.1	6	Surplus: 3	6
Average Requirement	5.5	5	Surplus: 4	6

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Physician /100k	Population
Otolaryngology	97,694	4	4.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.4	3	Surplus: 1	3
Two Mature HMO	3.2	3	Surplus: 1	3
Adjusted FTE				
GMENAC	3.2	3	Surplus: 1	3
Kaiser Portland	3.4	3	Surplus: 1	3
7 Kaiser Plans	2.4	2	Surplus: 2	2
GHC Seattle	3.0	3	Surplus: 1	3
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	3.0	3	Surplus: 1	3

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Physician /100k	Population
Pathology		97,694	5	5.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	6	Deficit: -1	6	
Two Mature HMO	1.9	2	Surplus: 3	2	
Adjusted FTE	1.8	2	Surplus: 3	2	
GMENAC	6.4	6	Deficit: -1	6	
Kaiser Portland	3.3	3	Surplus: 2	3	
7 Kaiser Plans	1.8	2	Surplus: 3	2	
GHC Seattle					
Three HMOs					
Goodman	4.1	4	Surplus: 1	4	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	3	Surplus: 2	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Physician /100k	Population
Pediatrics		97,694	15	15.4	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	24	Deficit: -9	25	
Two Mature HMO	16.6	16	Deficit: -1	17	
Adjusted FTE	15.5	15	Adequate 0	16	
GMENAC	12.4	12	Surplus: 3	13	
Kaiser Portland	11.9	12	Surplus: 3	12	
7 Kaiser Plans	16.0	16	Deficit: -1	16	
GHC Seattle					
Three HMOs	9.8	10	Surplus: 5	10	
Goodman					
Hicks & Glenn	7.6	7	Surplus: 8	8	
Solucient	13.9	14	Surplus: 1	14	
Average Requirement	13.0	13	Surplus: 2	13	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Physician /100k	Population
Plastic Surgery	97,694	6	6.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.4	2	Surplus: 4	2
Two Mature HMO				
Adjusted FTE				
GMENAC	1.1	1	Surplus: 5	1
Kaiser Portland	0.3	0	Surplus: 6	0
7 Kaiser Plans				
GHC Seattle	0.4	0	Surplus: 6	0
Three HMOs				
Goodman	1.1	1	Surplus: 5	1
Hicks & Glenn	2.3	2	Surplus: 4	2
Solucient	2.2	2	Surplus: 4	2
Average Requirement	1.2	1	Surplus: 5	1

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Physician /100k	Population
Psychiatry	97,694	24	24.6	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	13.6	13	Surplus: 11	14
Two Mature HMO	7.7	8	Surplus: 16	8
Adjusted FTE	7.2	7	Surplus: 17	7
GMENAC	15.4	15	Surplus: 9	16
Kaiser Portland	5.2	5	Surplus: 19	5
7 Kaiser Plans	4.1	4	Surplus: 20	4
GHC Seattle				
Three HMOs				
Goodman	7.2	7	Surplus: 17	7
Hicks & Glenn	3.9	4	Surplus: 20	4
Solucient	5.7	6	Surplus: 18	6
Average Requirement	7.1	7	Surplus: 17	7

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician	/100k	Population
Pulmonary Diseases		97,694	4	4.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	3	Surplus: 1	4	
Two Mature HMO	2.0	2	Surplus: 2	2	
Adjusted FTE	1.9	2	Surplus: 2	2	
GMENAC	1.4	1	Surplus: 3	1	
Kaiser Portland	1.4	1	Surplus: 3	1	
7 Kaiser Plans	1.0	1	Surplus: 3	1	
GHC Seattle	1.4	1	Surplus: 3	1	
Three HMOs					
Goodman	1.4	1	Surplus: 3	1	
Hicks & Glenn					
Solucient	1.3	1	Surplus: 3	1	
Average Requirement	1.5	1	Surplus: 3	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician	/100k	Population
Radiology		97,694	5	5.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	11	Deficit: -6	12	
Two Mature HMO	13.6	13	Deficit: -8	14	
Adjusted FTE	13.7	13	Deficit: -8	14	
GMENAC	7.7	8	Deficit: -3	8	
Kaiser Portland	8.5	8	Deficit: -3	9	
7 Kaiser Plans	4.7	5	Adequate 0	5	
GHC Seattle	7.7	8	Deficit: -3	8	
Three HMOs					
Goodman	8.0	8	Deficit: -3	8	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	9	Deficit: -4	9	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Physician /100k	Population
Rheumatology		97,694	2	2.0	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	1	Surplus: 1	2	
Two Mature HMO	1.1	1	Surplus: 1	1	
Adjusted FTE	1.0	1	Surplus: 1	1	
GMENAC	0.7	1	Surplus: 1	1	
Kaiser Portland	0.4	0	Surplus: 2	0	
7 Kaiser Plans	0.7	1	Surplus: 1	1	
GHC Seattle	0.7	1	Surplus: 1	1	
Three HMOs					
Goodman	0.4	0	Surplus: 2	0	
Hicks & Glenn					
Solucient	1.3	1	Surplus: 1	1	
Average Requirement	0.8	1	Surplus: 1	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Physician /100k	Population
General Surgery		97,694	9	9.2	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	12	Deficit: -3	13	
Two Mature HMO	9.4	9	Adequate 0	10	
Adjusted FTE	8.8	9	Adequate 0	9	
GMENAC	9.7	9	Adequate 0	10	
Kaiser Portland	7.0	7	Surplus: 2	7	
7 Kaiser Plans	6.2	6	Surplus: 3	6	
GHC Seattle	5.9	6	Surplus: 3	6	
Three HMOs	4.2	4	Surplus: 5	4	
Goodman	9.7	9	Adequate 0	10	
Hicks & Glenn	4.1	4	Surplus: 5	4	
Solucient	6.0	6	Surplus: 3	6	
Average Requirement	7.1	7	Surplus: 2	7	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Urology	97,694	5	5.1	101,078
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	3	Surplus: 2	4
Two Mature HMO	3.5	3	Surplus: 2	4
Adjusted FTE	3.3	3	Surplus: 2	3
GMENAC	3.1	3	Surplus: 2	3
Kaiser Portland	3.3	3	Surplus: 2	3
7 Kaiser Plans	2.3	2	Surplus: 3	2
GHC Seattle	2.9	3	Surplus: 2	3
Three HMOs				
Goodman	2.6	3	Surplus: 2	3
Hicks & Glenn	1.9	2	Surplus: 3	2
Solucient	2.9	3	Surplus: 2	3
Average Requirement	2.9	3	Surplus: 2	3

Report created by Georgia Board for Physician Workforce, State of Georgia

*Standards are presented as rates per 100,000 population

- (1) McClendon, B., R.Polizer, E. Christain, and E. Fernandez. 1997. Downsizing the Physician Workforce. Public Health Reports. May/June 112:231-239.
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