

18 PCSA Physician Standard Report

Included Counties: Chattooga, Floyd, Polk

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Allergy & Immunology	160,504	1	0.6	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.4	2	Deficit: -1	2
Two Mature HMO	1.5	2	Deficit: -1	2
Adjusted FTE	1.4	2	Deficit: -1	2
GMENAC	0.8	1	Adequate 0	1
Kaiser Portland	1.7	3	Deficit: -2	3
7 Kaiser Plans	1.2	2	Deficit: -1	2
GHC Seattle	1.1	2	Deficit: -1	2
Three HMOs				
Goodman	1.3	2	Deficit: -1	2
Hicks & Glenn				
Solucient	1.7	3	Deficit: -2	3
Average Requirement	1.3	2	Deficit: -1	2

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Anesthesiology	160,504	16	10.0	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.0	22	Deficit: -6	23
Two Mature HMO	9.7	16	Adequate 0	16
Adjusted FTE	9.1	15	Surplus: 1	15
GMENAC	8.9	14	Surplus: 2	15
Kaiser Portland	5.9	9	Surplus: 7	10
7 Kaiser Plans	3.9	6	Surplus: 10	6
GHC Seattle	9.0	14	Surplus: 2	15
Three HMOs				
Goodman	7.0	11	Surplus: 5	12
Hicks & Glenn				
Solucient				
Average Requirement	7.6	12	Surplus: 4	13

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Cardiovascular Diseases	160,504	13	8.1	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	7.5	12	Surplus: 1	12
Two Mature HMO	5.4	9	Surplus: 4	9
Adjusted FTE	5.0	8	Surplus: 5	8
GMENAC	3.1	5	Surplus: 8	5
Kaiser Portland	3.0	5	Surplus: 8	5
7 Kaiser Plans	1.8	3	Surplus: 10	3
GHC Seattle	2.9	5	Surplus: 8	5
Three HMOs				
Goodman	3.6	6	Surplus: 7	6
Hicks & Glenn	2.6	4	Surplus: 9	4
Solucient	4.2	7	Surplus: 6	7
Average Requirement	3.5	6	Surplus: 7	6

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Dermatology	160,504	2	1.2	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.7	6	Deficit: -4	6
Two Mature HMO	2.8	4	Deficit: -2	5
Adjusted FTE	2.6	4	Deficit: -2	4
GMENAC	2.8	4	Deficit: -2	5
Kaiser Portland	2.5	4	Deficit: -2	4
7 Kaiser Plans	2.4	4	Deficit: -2	4
GHC Seattle	2.6	4	Deficit: -2	4
Three HMOs	1.6	3	Deficit: -1	3
Goodman	1.4	2	Adequate 0	2
Hicks & Glenn	2.1	3	Deficit: -1	3
Solucient	3.1	5	Deficit: -3	5
Average Requirement	2.4	4	Deficit: -2	4

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Emergency Medicine	160,504	9	5.6	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	10.5	17	Deficit: -8	17
Two Mature HMO	5.5	9	Adequate 0	9
Adjusted FTE	5.2	8	Surplus: 1	9
GMENAC	5.4	9	Adequate 0	9
Kaiser Portland	6.7	11	Deficit: -2	11
7 Kaiser Plans	5.3	9	Adequate 0	9
GHC Seattle				
Three HMOs				
Goodman	2.7	4	Surplus: 5	4
Hicks & Glenn				
Solucient	12.4	20	Deficit: -11	21
Average Requirement	6.2	10	Deficit: -1	10

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Endocrinology, Diabetes & Metabolism	160,504	2	1.2	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.8	3	Deficit: -1	3
Two Mature HMO	1.1	2	Adequate 0	2
Adjusted FTE	1.0	2	Adequate 0	2
GMENAC	0.8	1	Surplus: 1	1
Kaiser Portland	0.9	1	Surplus: 1	1
7 Kaiser Plans	1.1	2	Adequate 0	2
GHC Seattle				
Three HMOs	0.6	1	Surplus: 1	1
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.9	1	Surplus: 1	1

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		160,504	91	56.7	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	51	Surplus: 40	52	
Two Mature HMO	45.6	73	Surplus: 18	76	
Adjusted FTE	42.6	68	Surplus: 23	71	
GMENAC	25.2	40	Surplus: 51	42	
Kaiser Portland	16.7	27	Surplus: 64	28	
7 Kaiser Plans	11.0	18	Surplus: 73	18	
GHC Seattle					
Three HMOs	9.2	15	Surplus: 76	15	
Goodman					
Hicks & Glenn	16.2	26	Surplus: 65	27	
Solucient	22.5	36	Surplus: 55	38	
Average Requirement	23.6	38	Surplus: 53	39	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Gastroenterology		160,504	7	4.4	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	7	Adequate 0	7	
Two Mature HMO	3.1	5	Surplus: 2	5	
Adjusted FTE					
GMENAC	3.2	5	Surplus: 2	5	
Kaiser Portland	1.7	3	Surplus: 4	3	
7 Kaiser Plans	1.7	3	Surplus: 4	3	
GHC Seattle					
Three HMOs					
Goodman	1.3	2	Surplus: 5	2	
Hicks & Glenn					
Solucient	3.5	6	Surplus: 1	6	
Average Requirement	2.4	4	Surplus: 3	4	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Infectious Disease	160,504	1	0.6	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.2	4	Deficit: -3	4
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	2	Deficit: -1	2
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

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Internal Medicine	160,504	42	26.2	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	53.1	85	Deficit: -43	88
Two Mature HMO	21.4	34	Surplus: 8	36
Adjusted FTE	20.0	32	Surplus: 10	33
GMENAC	28.8	46	Deficit: -4	48
Kaiser Portland	28.1	45	Deficit: -3	47
7 Kaiser Plans	30.3	49	Deficit: -7	50
GHC Seattle				
Three HMOs	16.7	27	Surplus: 15	28
Goodman				
Hicks & Glenn	11.3	18	Surplus: 24	19
Solucient	19.0	31	Surplus: 11	32
Average Requirement	22.0	35	Surplus: 7	37

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Nephrology	160,504	5	3.1	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.6	4	Surplus: 1	4
Two Mature HMO	1.4	2	Surplus: 3	2
Adjusted FTE	1.3	2	Surplus: 3	2
GMENAC	1.1	2	Surplus: 3	2
Kaiser Portland	0.8	1	Surplus: 4	1
7 Kaiser Plans	0.7	1	Surplus: 4	1
GHC Seattle	0.9	1	Surplus: 4	1
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient	0.7	1	Surplus: 4	1
Average Requirement	1.0	2	Surplus: 3	2

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Neurological Surgery	160,504	3	1.9	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.9	3	Adequate 0	3
Two Mature HMO	1.1	2	Surplus: 1	2
Adjusted FTE	1.0	2	Surplus: 1	2
GMENAC	1.1	2	Surplus: 1	2
Kaiser Portland	1.4	2	Surplus: 1	2
7 Kaiser Plans				
GHC Seattle	0.4	1	Surplus: 2	1
Three HMOs				
Goodman	0.7	1	Surplus: 2	1
Hicks & Glenn				
Solucient				
Average Requirement	1.0	2	Surplus: 1	2

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Neurology		160,504	5	3.1	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	8	Deficit: -3	8	
Two Mature HMO	2.4	4	Surplus: 1	4	
Adjusted FTE	2.3	4	Surplus: 1	4	
GMENAC	3.3	5	Adequate 0	5	
Kaiser Portland	1.3	2	Surplus: 3	2	
7 Kaiser Plans	1.7	3	Surplus: 2	3	
GHC Seattle	1.2	2	Surplus: 3	2	
Three HMOs					
Goodman	2.1	3	Surplus: 2	3	
Hicks & Glenn	1.4	2	Surplus: 3	2	
Solucient	1.8	3	Surplus: 2	3	
Average Requirement	1.9	3	Surplus: 2	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
OB/GYN		160,504	14	8.7	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	23	Deficit: -9	23	
Two Mature HMO	12.1	19	Deficit: -5	20	
Adjusted FTE	11.3	18	Deficit: -4	19	
GMENAC	9.9	16	Deficit: -2	16	
Kaiser Portland	11.6	19	Deficit: -5	19	
7 Kaiser Plans	11.5	18	Deficit: -4	19	
GHC Seattle	10.0	16	Deficit: -2	17	
Three HMOs	8.8	14	Adequate 0	15	
Goodman	8.4	13	Surplus: 1	14	
Hicks & Glenn	8.0	13	Surplus: 1	13	
Solucient	10.2	16	Deficit: -2	17	
Average Requirement	10.2	16	Deficit: -2	17	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Ophthalmology		160,504	5	3.1	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	10	Deficit: -5	10	
Two Mature HMO	5.9	9	Deficit: -4	10	
Adjusted FTE	5.5	9	Deficit: -4	9	
GMENAC	4.6	7	Deficit: -2	8	
Kaiser Portland	2.4	4	Surplus: 1	4	
7 Kaiser Plans	3.1	5	Adequate 0	5	
GHC Seattle	5.0	8	Deficit: -3	8	
Three HMOs					
Goodman	3.5	6	Deficit: -1	6	
Hicks & Glenn	3.2	5	Adequate 0	5	
Solucient	4.7	8	Deficit: -3	8	
Average Requirement	4.2	7	Deficit: -2	7	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Orthopedic Surgery		160,504	14	8.7	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	13	Surplus: 1	14	
Two Mature HMO	6.8	11	Surplus: 3	11	
Adjusted FTE	6.4	10	Surplus: 4	11	
GMENAC	6.0	10	Surplus: 4	10	
Kaiser Portland	5.9	9	Surplus: 5	10	
7 Kaiser Plans	4.2	7	Surplus: 7	7	
GHC Seattle	6.7	11	Surplus: 3	11	
Three HMOs	3.0	5	Surplus: 9	5	
Goodman	5.9	9	Surplus: 5	10	
Hicks & Glenn	4.2	7	Surplus: 7	7	
Solucient	6.1	10	Surplus: 4	10	
Average Requirement	5.5	9	Surplus: 5	9	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Otolaryngology	160,504	6	3.7	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.4	5	Surplus: 1	6
Two Mature HMO	3.2	5	Surplus: 1	5
Adjusted FTE				
GMENAC	3.2	5	Surplus: 1	5
Kaiser Portland	3.4	5	Surplus: 1	6
7 Kaiser Plans	2.4	4	Surplus: 2	4
GHC Seattle	3.0	5	Surplus: 1	5
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	3.0	5	Surplus: 1	5

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Pathology	160,504	6	3.7	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	6.3	10	Deficit: -4	10
Two Mature HMO	1.9	3	Surplus: 3	3
Adjusted FTE	1.8	3	Surplus: 3	3
GMENAC	6.4	10	Deficit: -4	11
Kaiser Portland	3.3	5	Surplus: 1	5
7 Kaiser Plans	1.8	3	Surplus: 3	3
GHC Seattle				
Three HMOs				
Goodman	4.1	7	Deficit: -1	7
Hicks & Glenn				
Solucient				
Average Requirement	3.2	5	Surplus: 1	5

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Pediatrics		160,504	15	9.3	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	40	Deficit: -25	41	
Two Mature HMO	16.6	27	Deficit: -12	28	
Adjusted FTE	15.5	25	Deficit: -10	26	
GMENAC	12.4	20	Deficit: -5	21	
Kaiser Portland	11.9	19	Deficit: -4	20	
7 Kaiser Plans	16.0	26	Deficit: -11	27	
GHC Seattle					
Three HMOs	9.8	16	Deficit: -1	16	
Goodman					
Hicks & Glenn	7.6	12	Surplus: 3	13	
Solucient	13.9	22	Deficit: -7	23	
Average Requirement	13.0	21	Deficit: -6	22	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Plastic Surgery		160,504	5	3.1	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	4	Surplus: 1	4	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	2	Surplus: 3	2	
Kaiser Portland	0.3	0	Surplus: 5	0	
7 Kaiser Plans					
GHC Seattle	0.4	1	Surplus: 4	1	
Three HMOs					
Goodman	1.1	2	Surplus: 3	2	
Hicks & Glenn	2.3	4	Surplus: 1	4	
Solucient	2.2	4	Surplus: 1	4	
Average Requirement	1.2	2	Surplus: 3	2	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Psychiatry	160,504	24	15.0	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	13.6	22	Surplus: 2	23
Two Mature HMO	7.7	12	Surplus: 12	13
Adjusted FTE	7.2	12	Surplus: 12	12
GMENAC	15.4	25	Deficit: -1	26
Kaiser Portland	5.2	8	Surplus: 16	9
7 Kaiser Plans	4.1	7	Surplus: 17	7
GHC Seattle				
Three HMOs				
Goodman	7.2	12	Surplus: 12	12
Hicks & Glenn	3.9	6	Surplus: 18	6
Solucient	5.7	9	Surplus: 15	10
Average Requirement	7.1	11	Surplus: 13	12

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Pulmonary Diseases	160,504	6	3.7	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	6	Adequate 0	6
Two Mature HMO	2.0	3	Surplus: 3	3
Adjusted FTE	1.9	3	Surplus: 3	3
GMENAC	1.4	2	Surplus: 4	2
Kaiser Portland	1.4	2	Surplus: 4	2
7 Kaiser Plans	1.0	2	Surplus: 4	2
GHC Seattle	1.4	2	Surplus: 4	2
Three HMOs				
Goodman	1.4	2	Surplus: 4	2
Hicks & Glenn				
Solucient	1.3	2	Surplus: 4	2
Average Requirement	1.5	2	Surplus: 4	2

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Radiology		160,504	19	11.8	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	18	Surplus: 1	19	
Two Mature HMO	13.6	22	Deficit: -3	23	
Adjusted FTE	13.7	22	Deficit: -3	23	
GMENAC	7.7	12	Surplus: 7	13	
Kaiser Portland	8.5	14	Surplus: 5	14	
7 Kaiser Plans	4.7	8	Surplus: 11	8	
GHC Seattle	7.7	12	Surplus: 7	13	
Three HMOs					
Goodman	8.0	13	Surplus: 6	13	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	15	Surplus: 4	15	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Rheumatology		160,504	2	1.2	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	2	Adequate 0	2	
Two Mature HMO	1.1	2	Adequate 0	2	
Adjusted FTE	1.0	2	Adequate 0	2	
GMENAC	0.7	1	Surplus: 1	1	
Kaiser Portland	0.4	1	Surplus: 1	1	
7 Kaiser Plans	0.7	1	Surplus: 1	1	
GHC Seattle	0.7	1	Surplus: 1	1	
Three HMOs					
Goodman	0.4	1	Surplus: 1	1	
Hicks & Glenn					
Solucient	1.3	2	Adequate 0	2	
Average Requirement	0.8	1	Surplus: 1	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
General Surgery		160,504	8	5.0	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	20	Deficit: -12	21	
Two Mature HMO	9.4	15	Deficit: -7	16	
Adjusted FTE	8.8	14	Deficit: -6	15	
GMENAC	9.7	16	Deficit: -8	16	
Kaiser Portland	7.0	11	Deficit: -3	12	
7 Kaiser Plans	6.2	10	Deficit: -2	10	
GHC Seattle	5.9	9	Deficit: -1	10	
Three HMOs	4.2	7	Surplus: 1	7	
Goodman	9.7	16	Deficit: -8	16	
Hicks & Glenn	4.1	7	Surplus: 1	7	
Solucient	6.0	10	Deficit: -2	10	
Average Requirement	7.1	11	Deficit: -3	12	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Thoracic Surgery		160,504	3	1.9	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	2	Surplus: 1	2	
Two Mature HMO					
Adjusted FTE					
GMENAC	0.8	1	Surplus: 2	1	
Kaiser Portland	0.1	0	Surplus: 3	0	
7 Kaiser Plans					
GHC Seattle					
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.5	1	Surplus: 2	1	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Urology	160,504	7	4.4	166,512
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	6	Surplus: 1	6
Two Mature HMO	3.5	6	Surplus: 1	6
Adjusted FTE	3.3	5	Surplus: 2	5
GMENAC	3.1	5	Surplus: 2	5
Kaiser Portland	3.3	5	Surplus: 2	5
7 Kaiser Plans	2.3	4	Surplus: 3	4
GHC Seattle	2.9	5	Surplus: 2	5
Three HMOs				
Goodman	2.6	4	Surplus: 3	4
Hicks & Glenn	1.9	3	Surplus: 4	3
Solucient	2.9	5	Surplus: 2	5
Average Requirement	2.9	5	Surplus: 2	5

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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- (5) Hart, L., E. Wagner, J. Parzada, A.Nelson, and R.Rosenblah. 1997. Physician Staffing Ratios in Staff- Model HMO's: A Cautionary Tale, Health Affairs 16, no. 1:55-70.
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