

Insert test data per index, ms

Data volumes	B-tree	Hash	GIN	GIST	No index
100K students	3736.159	2809.882	190166.981	9491.183	1657.2
1K subjects					
1M marks					

Time execution per index, ms

Queries	B-tree	Hash	GIN	GIST	No index
Find user by name (exact match)	0.587	0.091	36.839	46.839	33.926
Find user by surname (partial match)	55.831	50.336	0.271		56.764
Find user by phone number (partial match)	114.73	101.234			109.032
Find user with marks by user surname (partial match)					

Size of created index, MB

		Tables	B-tree	Hash	GIN	GIST
Size (Mb)	Clean base:	students	0.016	0.044	0.04	0.024
		subjects	0.048	0.04	0.024	
		phones	0.096	0.088		
	Dirty base:	students	11	10	22	
		subjects	0.128	0.088		
		phones	0.4816	6.752		