

Insert test data per index, ms

		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	0.016
		phones	0.096	0.088	0.024	0.016
	Dirty base:	students	11	10	22	38
		subjects	0.128	0.088	0.432	0.224
		phones	0.4816	6.752	4.76	9.776

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	51.028	56.764
Find user by phone number (partial match)	114.73	101.234	2.292	47.605	109.032
Find user with marks by user surname (partial match)	252.084	279.693	227.55	276.27	251.728

Size of created index, MB

Queries	B-tree	Hash	GIN	GIST	No index
100K students	3736.159	2456.789	187836.116	10051.877	1657.2
1K subjects	46.391	32.605	190.049	47.945	20.707
1M marks	65239.112	63055.267	62858.748	67086.858	77484.773