| | | | | | | | build | values | | | | | | | diff | | | |
| MEDIAN of timing | | | | | | | master | | | | saop | | | | | | | |
rows	dataset	ndistinct	scan	step	type	machine	1	10	100	1000	1	10	100	1000	1	10	100	1000
1000000	correlated	100	bitmapscan	1	bigint	i5	2.5	9.9	74.7		2.4	9.8	74.2		98%	98%	99%	
						xeon	2.7	11.1	86.3		2.5	10.9	82.8		95%	98%	96%	
					int	i5	2.5	9.9	74.7		2.5	9.8	74.1		98%	99%	99%	
						xeon	2.6	11.0	84.6		2.5	10.8	83.2		95%	98%	98%	
				5	bigint	i5		14.9				14.5				97%		
						xeon		19.6				19.0				97%		
					int	i5		14.7				14.6				99%		
						xeon		19.3				19.3				100%		
				10	bigint	i5		18.5				18.2				98%		
						xeon		23.0				22.8				99%		
					int	i5		18.5				18.2				98%		
						xeon		23.2				22.7				98%		
			indexonlyscan	1	bigint	i5	0.9	5.1	44.5		0.9	5.1	43.2		101%	99%	97%	
						xeon	0.9	5.2	44.7		0.9	5.0	42.9		96%	98%	96%	
					int	i5	0.9	5.1	43.3		0.9	5.0	42.9		99%	98%	99%	
						xeon	0.9	5.1	43.7		0.9	4.9	43.6		96%	97%	100%	
				5	bigint	i5		5.1				5.0				97%		
						xeon		5.4				5.1				96%		
					int	i5		5.0				4.9				99%		
						xeon		5.2				5.0				97%		
				10	bigint	i5		4.7				4.6				98%		
						xeon		4.8				4.7				98%		
					int	i5		4.6				4.5				98%		
						xeon		4.8				4.6				96%		
			indexscan	1	bigint	i5	2.1	12.4	100.7		2.1	12.4	103.4		101%	101%	103%	
						xeon	2.9	16.7	131.2		2.9	16.4	128.3		101%	98%	98%	
					int	i5	2.1	12.3	100.4		2.1	12.8	103.7		101%	104%	103%	
						xeon	2.9	16.8	129.3		2.8	16.4	129.4		97%	98%	100%	
				5	bigint	i5		14.6				14.6				100%		
						xeon		19.5				19.0				97%		
					int	i5		14.4				14.7				102%		
						xeon		18.2				19.4				106%		
				10	bigint	i5		15.3				15.5				101%		
						xeon		19.2				18.9				98%		
					int	i5		15.2				15.4				101%		
						xeon		19.5				19.2				98%		
		10000	bitmapscan	1	bigint	i5	0.4	0.7	1.7	12.1	0.4	0.6	1.6	11.1	96%	94%	94%	92%
						xeon	0.5	0.7	1.9	13.9	0.4	0.7	1.8	12.8	94%	90%	94%	92%
					int	i5	0.4	0.6	1.6	11.0	0.4	0.6	1.5	9.9	97%	100%	93%	91%
						xeon	0.5	0.7	1.7	12.0	0.5	0.6	1.6	11.4	100%	93%	92%	95%
				5	bigint	i5		0.7	2.3	18.1		0.7	2.2	17.7		103%	95%	98%
						xeon		0.8	2.8	29.8		0.8	2.7	29.2		99%	95%	98%
					int	i5		0.6	2.2	17.1		0.6	2.1	16.7		100%	96%	98%
						xeon		0.6	2.4	22.0		0.6	2.5	27.9		99%	105%	127%

		10	bigint	i5		0.7	2.9	24.5		0.7	2.9	24.3		99%	100%	99%
				xeon		0.8	3.4	40.4		0.8	3.4	38.7		96%	101%	96%
			int	i5		0.7	2.9	23.6		0.7	2.8	23.3		106%	98%	99%
				xeon		0.8	2.9	28.8		0.8	3.0	37.2		100%	104%	129%
	indexonlyscan	1	bigint	i5	0.3	0.5	1.2	8.4	0.4	0.5	1.1	7.4	107%	99%	92%	87%
				xeon	0.4	0.5	1.3	9.0	0.3	0.5	1.1	7.8	98%	99%	91%	87%
			int	i5	0.3	0.5	1.1	7.3	0.3	0.5	1.0	6.2	101%	103%	91%	86%
				xeon	0.3	0.4	1.2	7.5	0.4	0.5	1.0	6.4	103%	103%	90%	85%
		5	bigint	i5		0.5	1.3	8.9		0.5	1.2	8.3		103%	94%	93%
				xeon		0.5	1.3	9.7		0.5	1.2	9.3		97%	93%	96%
			int	i5		0.5	1.2	7.7		0.5	1.1	7.1		100%	96%	93%
				xeon		0.4	1.2	8.0		0.5	1.2	7.8		108%	96%	98%
		10	bigint	i5		0.5	1.3	9.2		0.5	1.3	9.2		103%	101%	99%
				xeon		0.5	1.4	10.0		0.5	1.4	10.2		94%	101%	102%
			int	i5		0.4	1.2	8.0		0.4	1.2	8.0		103%	101%	99%
				xeon		0.5	1.3	8.4		0.5	1.3	8.8		103%	97%	105%
	indexscan	1	bigint	i5	0.4	0.7	2.7	22.4	0.4	0.7	2.6	21.2	107%	99%	96%	94%
				xeon	0.5	0.9	3.9	27.8	0.5	1.0	3.8	28.4	103%	101%	98%	102%
			int	i5	0.4	0.7	2.7	21.2	0.4	0.7	2.6	20.1	103%	96%	95%	95%
				xeon	0.5	0.8	3.2	24.0	0.5	0.8	3.1	27.0	104%	97%	97%	113%
		5	bigint	i5		0.7	3.1	26.5		0.7	3.1	25.9		99%	98%	98%
				xeon		1.0	4.8	37.7		1.0	4.9	37.7		101%	101%	100%
			int	i5		0.7	3.0	25.3		0.7	3.0	24.7		99%	98%	98%
				xeon		0.8	3.9	28.5		0.8	4.7	35.7		99%	122%	125%
		10	bigint	i5		0.7	3.4	29.2		0.7	3.4	29.1		102%	100%	100%
				xeon		1.1	5.1	41.8		1.1	5.3	41.1		99%	103%	98%
			int	i5		0.7	3.3	28.1		0.7	3.3	28.0		100%	100%	100%
				xeon		0.9	4.0	30.0		0.9	5.3	40.4		98%	132%	135%
1000000	bitmapscan	1	bigint	i5	0.4	0.4	0.7	3.7	0.3	0.4	0.6	2.6	94%	95%	84%	71%
				xeon	0.3	0.4	0.8	3.9	0.3	0.4	0.7	2.8	90%	96%	82%	73%
			int	i5	0.3	0.4	0.6	2.4	0.4	0.4	0.5	1.4	106%	98%	82%	58%
				xeon	0.3	0.4	0.7	2.6	0.3	0.4	0.5	1.5	104%	96%	77%	58%
		5	bigint	i5		0.4	0.7	3.7		0.4	0.6	2.8		102%	88%	76%
				xeon		0.4	0.8	4.0		0.4	0.7	3.1		95%	85%	77%
			int	i5		0.4	0.6	2.5		0.4	0.5	1.6		96%	82%	64%
				xeon		0.4	0.7	2.7		0.4	0.6	1.8		102%	84%	66%
		10	bigint	i5		0.4	0.7	3.9		0.4	0.7	3.1		89%	90%	79%
				xeon		0.4	0.8	4.2		0.4	0.7	3.4		104%	95%	81%
			int	i5		0.4	0.6	2.6		0.4	0.5	1.9		91%	86%	71%
				xeon		0.4	0.7	2.9		0.4	0.6	2.0		99%	91%	70%
	indexonlyscan	1	bigint	i5	0.3	0.4	0.7	3.6	0.3	0.4	0.6	2.5	98%	94%	85%	70%
				xeon	0.3	0.4	0.8	3.8	0.4	0.4	0.7	2.7	101%	94%	89%	71%
			int	i5	0.3	0.4	0.6	2.4	0.3	0.4	0.5	1.4	99%	97%	82%	58%
				xeon	0.3	0.4	0.6	2.5	0.3	0.4	0.5	1.4	99%	95%	81%	57%
		5	bigint	i5		0.4	0.7	3.7		0.4	0.6	2.8		95%	89%	76%
				xeon		0.4	0.8	3.9		0.4	0.7	2.9		100%	90%	75%
			int	i5		0.4	0.6	2.5		0.4	0.5	1.5		100%	82%	63%

		scan	n	type	cpu												
					xeon		0.4	0.7	2.5		0.4	0.6	1.6		101%	87%	63%
			10	bigint	i5		0.4	0.7	3.7		0.4	0.6	2.9		98%	87%	79%
					xeon		0.4	0.8	3.9		0.4	0.7	3.2		108%	89%	81%
				int	i5		0.4	0.6	2.5		0.4	0.5	1.7		105%	86%	67%
					xeon		0.4	0.7	2.6		0.4	0.5	1.8		98%	76%	67%
		indexscan	1	bigint	i5	0.4	0.4	0.7	3.9	0.3	0.4	0.6	2.8	91%	93%	83%	72%
					xeon	0.3	0.4	0.8	3.8	0.4	0.4	0.7	2.9	107%	104%	84%	75%
				int	i5	0.3	0.4	0.6	2.5	0.4	0.4	0.5	1.6	122%	94%	82%	62%
					xeon	0.3	0.4	0.7	2.6	0.4	0.4	0.6	1.6	105%	95%	91%	60%
			5	bigint	i5		0.4	0.7	4.0		0.4	0.6	3.0		96%	85%	77%
					xeon		0.5	0.8	3.9		0.4	0.7	3.2		99%	90%	81%
				int	i5		0.4	0.6	2.7		0.4	0.5	1.8		98%	85%	65%
					xeon		0.4	0.7	2.8		0.4	0.7	2.0		98%	90%	70%
			10	bigint	i5		0.4	0.7	4.0		0.4	0.7	3.3		96%	90%	81%
					xeon		0.4	0.9	4.2		0.4	0.7	3.5		101%	85%	84%
				int	i5		0.4	0.6	2.8		0.4	0.5	1.9		95%	86%	70%
					xeon		0.4	0.7	2.9		0.4	0.7	2.2		92%	90%	76%
cycle	100	bitmapscan	1	bigint	i5	8.0	15.4	78.8		7.7	15.0	78.2		95%	97%	99%	
					xeon	7.8	17.0	92.4		7.8	16.7	90.9		100%	98%	98%	
				int	i5	8.0	15.3	78.9		7.7	15.0	78.1		96%	97%	99%	
					xeon	7.7	17.1	92.3		7.9	17.4	91.0		102%	102%	99%	
			5	bigint	i5		17.4				17.1				98%		
					xeon		23.6				22.7				97%		
				int	i5		17.5				17.2				98%		
					xeon		23.4				23.2				99%		
			10	bigint	i5		17.8				17.4				98%		
					xeon		25.6				24.6				96%		
				int	i5		17.7				17.4				98%		
					xeon		25.3				25.0				99%		
		indexonlyscan	1	bigint	i5	0.9	5.1	46.6		0.9	5.0	45.6		99%	98%	98%	
					xeon	0.9	5.2	46.3		0.9	5.0	46.2		97%	96%	100%	
				int	i5	0.9	5.0	45.7		0.9	5.0	45.5		100%	99%	100%	
					xeon	0.9	5.2	46.0		0.8	5.0	46.3		95%	97%	101%	
			5	bigint	i5		5.2				5.1				99%		
					xeon		5.2				5.1				98%		
				int	i5		5.1				5.0				99%		
					xeon		5.3				5.1				97%		
			10	bigint	i5		5.1				5.1				99%		
					xeon		5.2				5.1				99%		
				int	i5		5.1				5.0				98%		
					xeon		5.2				5.1				98%		
		indexscan	1	bigint	i5	5.5	30.9	274.5		5.3	29.2	258.8		96%	94%	94%	
					xeon	5.5	29.1	242.6		5.5	28.5	243.2		99%	98%	100%	
				int	i5	5.5	31.0	274.6		5.3	29.2	257.8		96%	94%	94%	
					xeon	5.6	29.4	245.1		5.5	29.2	244.8		99%	99%	100%	
			5	bigint	i5		33.0				31.2				95%		
					xeon		31.3				30.7				98%		

size	scan	par	type	cpu												
			int	i5			33.0				31.1			94%		
				xeon			31.7				32.0			101%		
		10	bigint	i5			33.0				31.2			95%		
				xeon			31.7				31.1			98%		
			int	i5			33.1				31.3			94%		
				xeon			31.8				31.8			100%		
10000	bitmapscan	1	bigint	i5	0.8	1.0	1.9	12.3	0.8	0.9	1.9	11.4	103%	98%	96%	93%
				xeon	0.8	1.0	2.1	14.6	0.9	1.0	2.0	13.2	102%	103%	98%	91%
			int	i5	0.8	0.9	1.9	11.2	0.8	0.9	1.8	10.1	101%	99%	96%	90%
				xeon	0.8	1.0	2.0	12.2	0.8	1.0	1.9	11.4	96%	101%	96%	94%
		5	bigint	i5		1.0	2.5	17.6		1.0	2.5	17.0		103%	97%	96%
				xeon		1.0	2.7	31.0		1.1	2.9	28.9		104%	107%	93%
			int	i5		1.0	2.5	16.6		1.0	2.4	15.9		101%	97%	96%
				xeon		1.0	2.6	22.1		1.0	2.6	21.2		99%	100%	96%
		10	bigint	i5		1.0	3.1	22.1		1.0	3.0	21.6		101%	99%	98%
				xeon		1.1	3.3	40.2		1.1	3.5	39.7		104%	105%	99%
			int	i5		1.0	3.0	21.0		1.0	2.9	20.6		102%	97%	98%
				xeon		1.0	3.2	29.6		1.1	3.2	28.5		102%	101%	96%
	indexonlyscan	1	bigint	i5	0.4	0.4	1.2	8.4	0.4	0.5	1.1	7.4	96%	105%	91%	88%
				xeon	0.3	0.5	1.2	8.9	0.4	0.5	1.2	7.8	112%	96%	95%	88%
			int	i5	0.3	0.4	1.1	7.2	0.4	0.4	1.0	6.1	106%	100%	92%	85%
				xeon	0.3	0.4	1.1	7.4	0.4	0.5	1.0	6.3	113%	108%	92%	85%
		5	bigint	i5		0.5	1.3	8.8		0.5	1.2	8.2		100%	95%	93%
				xeon		0.5	1.3	9.7		0.5	1.3	9.3		104%	96%	96%
			int	i5		0.4	1.1	7.6		0.4	1.1	7.0		95%	100%	93%
				xeon		0.4	1.2	7.9		0.5	1.2	7.4		111%	98%	93%
		10	bigint	i5		0.5	1.3	9.1		0.5	1.3	9.1		103%	99%	100%
				xeon		0.5	1.3	10.3		0.5	1.4	10.5		108%	107%	101%
			int	i5		0.5	1.2	8.0		0.4	1.2	7.8		97%	99%	97%
				xeon		0.4	1.2	8.4		0.5	1.3	8.2		104%	104%	98%
	indexscan	1	bigint	i5	0.8	1.1	4.3	35.0	0.8	1.1	4.1	32.9	103%	101%	96%	94%
				xeon	0.9	1.3	4.5	37.0	0.9	1.4	5.0	36.5	103%	109%	110%	99%
			int	i5	0.8	1.1	4.2	33.9	0.8	1.1	4.0	31.9	100%	99%	96%	94%
				xeon	0.9	1.2	4.4	32.0	0.9	1.2	4.3	31.0	94%	103%	99%	97%
		5	bigint	i5		1.2	4.8	39.2		1.2	4.6	37.6		101%	97%	96%
				xeon		1.4	5.3	47.2		1.4	6.5	47.5		103%	122%	101%
			int	i5		1.1	4.7	38.3		1.1	4.5	36.6		100%	97%	96%
				xeon		1.4	5.2	37.6		1.3	5.1	36.9		96%	98%	98%
		10	bigint	i5		1.2	5.0	41.1		1.2	4.9	39.8		100%	98%	97%
				xeon		1.4	5.4	51.1		1.7	6.9	50.8		125%	127%	99%
			int	i5		1.1	4.9	40.0		1.2	4.8	38.8		102%	98%	97%
				xeon		1.4	5.4	39.3		1.4	5.5	39.0		98%	101%	99%
1000000	bitmapscan	1	bigint	i5	0.4	0.4	0.7	3.6	0.4	0.4	0.6	2.7	101%	97%	85%	73%
				xeon	0.4	0.4	0.8	3.9	0.4	0.4	0.6	2.8	98%	103%	80%	72%
			int	i5	0.3	0.4	0.6	2.4	0.4	0.4	0.5	1.4	103%	97%	84%	58%
				xeon	0.3	0.4	0.6	2.5	0.4	0.4	0.5	1.5	107%	97%	80%	58%
		5	bigint	i5		0.4	0.7	3.7		0.4	0.6	2.9		101%	88%	77%

					xeon		0.4	0.8	4.0		0.4	0.7	3.1			100%	86%	77%
				int	i5		0.4	0.6	2.5		0.4	0.5	1.6			102%	86%	65%
					xeon		0.4	0.7	2.7		0.4	0.6	1.7			105%	90%	64%
			10	bigint	i5		0.4	0.7	3.8		0.4	0.7	3.1			97%	90%	81%
					xeon		0.4	0.8	4.1		0.4	0.7	3.5			109%	92%	84%
				int	i5		0.4	0.6	2.6		0.4	0.6	1.9			102%	88%	73%
					xeon		0.4	0.6	2.8		0.4	0.6	2.1			99%	94%	73%
		indexonlyscan	1	bigint	i5	0.3	0.4	0.7	3.6	0.4	0.4	0.6	2.6	100%	93%	85%	72%	
					xeon	0.4	0.4	0.7	3.8	0.4	0.4	0.6	2.8	98%	116%	81%	73%	
				int	i5	0.3	0.4	0.6	2.4	0.3	0.4	0.5	1.4	100%	99%	81%	59%	
					xeon	0.3	0.4	0.6	2.5	0.3	0.4	0.5	1.4	103%	90%	78%	57%	
			5	bigint	i5		0.4	0.7	3.7		0.4	0.6	2.8		100%	85%	77%	
					xeon		0.4	0.7	3.8		0.4	0.6	3.0		101%	90%	77%	
				int	i5		0.4	0.6	2.5		0.4	0.5	1.6		98%	84%	63%	
					xeon		0.4	0.6	2.6		0.4	0.6	1.7		99%	98%	65%	
			10	bigint	i5		0.4	0.7	3.8		0.4	0.6	3.0		101%	88%	80%	
					xeon		0.4	0.8	3.9		0.4	0.7	3.3		100%	88%	84%	
				int	i5		0.4	0.6	2.5		0.4	0.5	1.8		104%	90%	70%	
					xeon		0.4	0.7	2.6		0.4	0.6	1.9		107%	85%	73%	
		indexscan	1	bigint	i5	0.4	0.4	0.7	3.7	0.3	0.4	0.6	2.7	98%	93%	84%	73%	
					xeon	0.4	0.4	0.8	3.7	0.3	0.4	0.7	2.7	90%	100%	84%	73%	
				int	i5	0.3	0.4	0.6	2.5	0.4	0.4	0.5	1.5	112%	95%	85%	59%	
					xeon	0.4	0.4	0.7	2.4	0.4	0.4	0.5	1.4	103%	102%	77%	59%	
			5	bigint	i5		0.4	0.7	3.8		0.4	0.6	2.9		98%	87%	75%	
					xeon		0.4	0.8	3.9		0.4	0.7	3.1		99%	82%	79%	
				int	i5		0.4	0.6	2.6		0.4	0.5	1.7		97%	83%	64%	
					xeon		0.4	0.7	2.7		0.4	0.6	1.8		99%	83%	67%	
			10	bigint	i5		0.4	0.7	4.0		0.4	0.6	3.2		102%	89%	80%	
					xeon		0.4	0.8	4.0		0.4	0.8	3.4		112%	93%	86%	
				int	i5		0.4	0.6	2.7		0.4	0.5	1.9		101%	88%	72%	
					xeon		0.4	0.7	2.8		0.4	0.7	2.2		102%	93%	77%	
random	100	bitmapscan	1	bigint	i5	7.7	20.4	78.5		7.4	20.1	77.9			96%	98%	99%	
					xeon	7.5	25.4	92.5		7.5	24.8	89.7			100%	98%	97%	
				int	i5	7.7	20.4	78.4		7.5	20.1	77.6			97%	98%	99%	
					xeon	7.5	24.4	92.8		7.7	25.2	90.0			103%	103%	97%	
			5	bigint	i5		20.5				20.1				98%			
					xeon		25.1				24.6				98%			
				int	i5		20.4				20.1				99%			
					xeon		25.2				25.4				101%			
			10	bigint	i5		20.0				19.7				98%			
					xeon		24.4				23.9				98%			
				int	i5		19.9				19.7				99%			
					xeon		24.3				24.5				101%			
		indexonlyscan	1	bigint	i5	0.9	5.1	46.3		0.9	5.0	45.5			97%	99%	98%	
					xeon	0.9	5.2	46.2		0.9	5.0	45.2			97%	96%	98%	
				int	i5	0.9	5.1	45.6		0.9	4.9	45.2			99%	98%	99%	
					xeon	0.9	5.1	47.1		0.9	5.0	46.0			97%	98%	98%	

	scan	rows	type	cpu												
		5	bigint	i5		5.2				5.1				98%		
				xeon		5.3				5.2				98%		
			int	i5		5.0				5.0				99%		
				xeon		5.2				5.1				97%		
		10	bigint	i5		4.9				4.8				98%		
				xeon		5.0				4.9				97%		
			int	i5		4.8				4.8				99%		
				xeon		5.0				4.9				97%		
	indexscan	1	bigint	i5	5.3	30.8	272.6		5.2	29.3	259.6		99%	95%	95%	
				xeon	5.4	32.0	267.0		5.3	31.4	264.4		99%	98%	99%	
			int	i5	5.2	30.9	275.3		5.2	29.6	260.6		99%	96%	95%	
				xeon	5.4	32.6	278.6		5.4	32.8	277.4		100%	100%	100%	
		5	bigint	i5		30.7				29.4				96%		
				xeon		32.1				31.5				98%		
			int	i5		30.9				29.5				95%		
				xeon		32.6				32.3				99%		
		10	bigint	i5		29.6				28.3				96%		
				xeon		28.9				28.6				99%		
			int	i5		29.7				28.3				95%		
				xeon		29.4				29.3				100%		
10000	bitmapscan	1	bigint	i5	0.8	2.8	8.1	24.1	0.8	2.7	7.7	22.9	104%	99%	95%	95%
				xeon	0.8	2.7	8.0	29.4	0.8	2.7	8.7	35.6	103%	100%	109%	121%
			int	i5	0.8	2.7	8.0	23.0	0.8	2.8	7.6	21.6	105%	101%	95%	94%
				xeon	0.8	2.7	7.9	27.7	0.8	2.6	7.8	26.6	92%	96%	98%	96%
		5	bigint	i5		2.7	8.2	24.5		2.7	7.8	23.8		101%	95%	97%
				xeon		2.6	8.1	29.3		2.8	8.7	38.5		104%	107%	132%
			int	i5		2.7	8.1	23.4		2.8	7.7	22.7		102%	95%	97%
				xeon		2.7	8.0	28.9		2.7	7.7	28.3		100%	96%	98%
		10	bigint	i5		2.8	8.2	24.8		2.7	7.9	24.6		98%	97%	99%
				xeon		2.7	8.1	30.1		2.8	9.1	38.9		104%	112%	129%
			int	i5		2.8	8.1	23.8		2.8	7.8	23.3		100%	95%	98%
				xeon		2.7	7.9	29.6		2.6	7.8	28.6		99%	99%	97%
	indexonlyscan	1	bigint	i5	0.4	0.5	1.2	8.4	0.4	0.5	1.1	7.3	97%	103%	90%	87%
				xeon	0.4	0.4	1.3	8.9	0.3	0.5	1.2	7.9	95%	102%	90%	89%
			int	i5	0.4	0.4	1.1	7.2	0.4	0.4	1.0	6.2	100%	95%	93%	85%
				xeon	0.3	0.4	1.1	7.6	0.3	0.5	1.0	6.3	97%	112%	92%	83%
		5	bigint	i5		0.5	1.3	8.9		0.5	1.2	8.3		103%	97%	93%
				xeon		0.4	1.3	9.3		0.5	1.3	9.5		105%	96%	103%
			int	i5		0.5	1.2	7.6		0.5	1.1	7.1		101%	95%	93%
				xeon		0.5	1.2	8.1		0.5	1.1	7.4		102%	96%	92%
		10	bigint	i5		0.5	1.3	9.2		0.5	1.3	9.1		102%	101%	99%
				xeon		0.5	1.4	9.6		0.6	1.4	10.4		120%	101%	108%
			int	i5		0.5	1.2	8.0		0.5	1.2	8.0		102%	103%	100%
				xeon		0.5	1.3	8.4		0.5	1.2	8.2		104%	98%	98%
	indexscan	1	bigint	i5	0.8	2.4	7.3	48.6	0.8	2.4	6.8	43.0	96%	100%	93%	89%
				xeon	0.9	2.4	6.9	44.3	1.0	2.6	8.1	53.8	109%	107%	118%	122%
			int	i5	0.8	2.4	7.3	47.4	0.8	2.4	6.8	42.0	100%	100%	93%	89%

					xeon	0.9	2.4	6.8	42.9	0.8	2.3	6.6	41.7	93%	98%	98%	97%
			5	bigint	i5		2.3	7.4	49.1		2.4	6.9	43.9		103%	93%	89%
					xeon		2.4	7.2	44.4		2.6	8.5	56.0		110%	118%	126%
				int	i5		2.3	7.3	47.8		2.4	6.8	43.2		104%	93%	90%
					xeon		2.4	7.0	43.5		2.4	6.9	43.2		99%	98%	99%
			10	bigint	i5		2.4	7.3	49.6		2.4	7.1	45.2		100%	96%	91%
					xeon		2.5	7.2	43.6		2.7	8.5	54.1		110%	118%	124%
				int	i5		2.4	7.4	48.2		2.4	6.9	43.9		100%	93%	91%
					xeon		2.4	6.9	43.4		2.4	7.0	42.1		98%	101%	97%
	1000000	bitmapscan	1	bigint	i5	0.4	0.5	1.1	5.7	0.4	0.4	1.0	4.8	98%	91%	89%	83%
					xeon	0.4	0.5	1.2	6.3	0.4	0.4	1.1	5.2	105%	95%	92%	82%
				int	i5	0.3	0.4	1.0	4.6	0.4	0.4	0.9	3.5	105%	96%	88%	76%
					xeon	0.4	0.5	1.1	5.0	0.4	0.4	1.0	3.8	102%	88%	90%	76%
			5	bigint	i5		0.5	1.1	5.9		0.5	1.0	5.0		100%	92%	85%
					xeon		0.5	1.2	6.4		0.5	1.1	5.5		103%	89%	87%
				int	i5		0.4	1.0	4.7		0.4	0.9	3.7		98%	90%	80%
					xeon		0.4	1.1	4.9		0.5	1.0	3.9		101%	90%	78%
			10	bigint	i5		0.5	1.1	5.9		0.4	1.0	5.1		92%	93%	86%
					xeon		0.5	1.2	6.5		0.5	1.2	5.6		98%	93%	86%
				int	i5		0.5	1.0	4.6		0.4	0.9	3.9		90%	91%	84%
					xeon		0.4	1.1	5.0		0.4	1.0	4.1		100%	94%	82%
		indexonlyscan	1	bigint	i5	0.3	0.4	0.7	3.6	0.4	0.4	0.6	2.5	102%	100%	83%	71%
					xeon	0.3	0.4	0.8	3.8	0.4	0.4	0.7	2.7	104%	100%	85%	71%
				int	i5	0.3	0.4	0.6	2.4	0.4	0.4	0.5	1.4	105%	96%	79%	56%
					xeon	0.4	0.4	0.7	2.5	0.3	0.4	0.5	1.4	92%	100%	72%	56%
			5	bigint	i5		0.4	0.7	3.6		0.4	0.6	2.7		97%	88%	75%
					xeon		0.4	0.8	3.9		0.4	0.7	2.9		107%	93%	75%
				int	i5		0.4	0.6	2.5		0.4	0.5	1.5		98%	85%	62%
					xeon		0.3	0.7	2.5		0.4	0.5	1.6		101%	79%	64%
			10	bigint	i5		0.4	0.7	3.7		0.4	0.6	2.9		98%	87%	80%
					xeon		0.4	0.8	4.0		0.4	0.7	3.1		102%	96%	79%
				int	i5		0.4	0.6	2.5		0.4	0.5	1.7		98%	85%	67%
					xeon		0.4	0.7	2.6		0.4	0.6	1.8		108%	82%	69%
		indexscan	1	bigint	i5	0.4	0.5	1.1	5.5	0.4	0.4	1.0	4.5	97%	94%	88%	81%
					xeon	0.4	0.5	1.4	5.9	0.4	0.6	1.2	4.6	96%	103%	84%	78%
				int	i5	0.3	0.4	0.9	4.4	0.4	0.4	0.8	3.2	104%	96%	89%	73%
					xeon	0.3	0.5	1.3	4.7	0.3	0.5	1.2	3.4	92%	92%	90%	74%
			5	bigint	i5		0.5	1.1	5.7		0.5	1.0	4.7		99%	92%	83%
					xeon		0.5	1.4	6.0		0.5	1.3	4.8		105%	92%	79%
				int	i5		0.4	1.0	4.4		0.4	0.9	3.5		90%	90%	78%
					xeon		0.5	1.3	4.7		0.4	1.2	3.5		91%	91%	75%
			10	bigint	i5		0.5	1.1	5.7		0.5	1.0	4.9		100%	91%	86%
					xeon		0.5	1.4	6.1		0.5	1.3	5.0		90%	89%	82%
				int	i5		0.4	1.0	4.5		0.4	0.9	3.6		100%	92%	80%
					xeon		0.5	1.3	4.7		0.5	1.2	3.8		108%	90%	81%
sequential	100	bitmapscan	1	bigint	i5	1.1	8.3	77.3		1.1	8.3	76.5		100%	99%	99%	
					xeon	1.2	9.1	87.8		1.3	9.1	86.2		101%	100%	98%	

		N	type	cpu												
			int	i5	1.2	8.2	77.4		1.2	8.3	76.6		99%	100%	99%	
				xeon	1.3	9.2	87.9		1.3	9.0	85.7		101%	98%	98%	
		5	bigint	i5	8.4				8.3				99%			
				xeon	9.2				9.3				100%			
			int	i5	8.4				8.3				99%			
				xeon	9.1				9.1				101%			
		10	bigint	i5	8.0				8.0				99%			
				xeon	8.7				8.6				99%			
			int	i5	8.0				7.9				100%			
				xeon	8.8				8.7				99%			
	indexonlyscan	1	bigint	i5	0.9	5.2	46.6		0.9	5.1	45.5		103%	98%	98%	
				xeon	0.9	5.2	46.9		0.8	5.0	46.2		93%	96%	98%	
			int	i5	0.9	5.0	45.5		0.9	5.0	45.3		99%	100%	100%	
				xeon	0.9	5.1	46.0		0.8	5.0	45.5		98%	97%	99%	
		5	bigint	i5	5.2				5.1				99%			
				xeon	5.2				5.1				99%			
			int	i5	5.1				5.0				98%			
				xeon	5.2				5.0				96%			
		10	bigint	i5	4.9				4.8				98%			
				xeon	5.0				4.9				99%			
			int	i5	4.9				4.8				98%			
				xeon	5.0				4.8				97%			
	indexscan	1	bigint	i5	1.4	9.9	89.3		1.4	10.3	92.5		102%	104%	104%	
				xeon	1.7	12.2	106.3		1.7	11.9	103.8		100%	98%	98%	
			int	i5	1.3	9.8	88.6		1.4	10.2	92.9		103%	104%	105%	
				xeon	1.7	12.2	105.8		1.7	11.9	103.9		98%	97%	98%	
		5	bigint	i5	9.9				10.4				105%			
				xeon	12.1				11.9				99%			
			int	i5	9.8				10.3				105%			
				xeon	12.1				12.1				100%			
		10	bigint	i5	9.4				9.7				104%			
				xeon	10.5				10.6				101%			
			int	i5	9.4				9.7				104%			
				xeon	10.6				10.5				99%			
10000	bitmapscan	1	bigint	i5	0.4	0.5	1.5	11.5	0.4	0.5	1.4	10.6	101%	101%	94%	92%
				xeon	0.4	0.5	1.7	12.7	0.3	0.6	1.5	12.1	99%	106%	93%	96%
			int	i5	0.3	0.4	1.4	10.4	0.4	0.5	1.3	9.4	105%	102%	95%	91%
				xeon	0.4	0.5	1.5	11.6	0.4	0.5	1.5	10.5	103%	103%	95%	91%
		5	bigint	i5	0.5	1.7	13.7		0.5	1.6	13.2		98%	97%	97%	
				xeon	0.6	1.9	15.7		0.6	1.9	17.0		102%	101%	108%	
			int	i5	0.5	1.6	12.6		0.5	1.6	12.0		98%	96%	95%	
				xeon	0.5	1.7	14.2		0.5	1.7	13.6		104%	100%	95%	
		10	bigint	i5	0.5	1.8	14.9		0.6	1.8	14.9		105%	100%	100%	
				xeon	0.6	2.0	16.4		0.6	2.0	18.8		91%	102%	115%	
			int	i5	0.5	1.7	13.9		0.5	1.7	13.8		97%	100%	99%	
				xeon	0.5	1.9	15.4		0.5	1.9	15.4		100%	101%	100%	
	indexonlyscan	1	bigint	i5	0.4	0.5	1.2	8.5	0.4	0.5	1.1	7.4	100%	106%	92%	87%

				xeon	0.4	0.5	1.2	8.7	0.4	0.5	1.1	7.7	98%	100%	92%	89%
			int	i5	0.4	0.5	1.1	7.2	0.3	0.4	1.0	6.2	93%	93%	94%	86%
				xeon	0.3	0.4	1.1	7.4	0.3	0.5	1.0	6.3	101%	101%	91%	85%
		5	bigint	i5		0.5	1.2	8.8		0.5	1.2	8.3		103%	97%	94%
				xeon		0.4	1.3	9.2		0.5	1.3	9.1		106%	99%	99%
			int	i5		0.4	1.1	7.6		0.5	1.1	7.1		100%	98%	93%
				xeon		0.5	1.2	7.9		0.5	1.1	7.2		104%	96%	91%
		10	bigint	i5		0.5	1.3	9.2		0.5	1.3	9.2		107%	101%	100%
				xeon		0.5	1.4	9.5		0.5	1.4	10.0		105%	101%	105%
			int	i5		0.5	1.2	8.0		0.5	1.2	8.0		102%	101%	100%
				xeon		0.5	1.2	8.2		0.5	1.2	8.1		99%	100%	99%
	indexscan	1	bigint	i5	0.4	0.5	1.7	13.2	0.4	0.5	1.6	12.5	98%	102%	98%	95%
				xeon	0.4	0.6	2.1	14.5	0.4	0.6	2.1	14.7	111%	104%	101%	102%
			int	i5	0.4	0.5	1.6	11.7	0.4	0.5	1.5	11.3	98%	98%	98%	96%
				xeon	0.4	0.5	2.0	13.4	0.3	0.5	1.9	11.9	93%	104%	95%	89%
		5	bigint	i5		0.5	1.9	14.8		0.6	1.9	15.3		106%	102%	103%
				xeon		0.6	2.5	16.8		0.7	2.7	19.9		109%	111%	118%
			int	i5		0.5	1.7	13.3		0.5	1.8	14.1		103%	104%	106%
				xeon		0.6	2.4	16.3		0.6	2.3	15.2		101%	98%	94%
		10	bigint	i5		0.5	2.0	16.0		0.6	2.1	17.0		106%	106%	106%
				xeon		0.7	2.6	16.6		0.7	3.0	19.2		105%	115%	116%
			int	i5		0.5	1.8	14.6		0.5	2.0	15.7		103%	107%	108%
				xeon		0.6	2.5	16.0		0.7	2.6	15.7		104%	102%	98%
1000000	bitmapscan	1	bigint	i5	0.4	0.4	0.7	3.6	0.3	0.4	0.6	2.6	88%	99%	83%	73%
				xeon	0.4	0.4	0.8	3.9	0.3	0.4	0.7	2.8	89%	98%	86%	73%
			int	i5	0.3	0.4	0.6	2.4	0.4	0.4	0.5	1.4	102%	102%	83%	57%
				xeon	0.4	0.4	0.7	2.5	0.3	0.4	0.5	1.5	98%	101%	72%	59%
		5	bigint	i5		0.4	0.7	3.7		0.4	0.6	2.9		100%	89%	78%
				xeon		0.4	0.8	4.0		0.4	0.7	3.1		99%	90%	77%
			int	i5		0.4	0.6	2.5		0.4	0.5	1.6		99%	86%	65%
				xeon		0.4	0.7	2.7		0.4	0.5	1.8		100%	80%	68%
		10	bigint	i5		0.4	0.7	3.8		0.4	0.7	3.1		100%	89%	81%
				xeon		0.4	0.8	4.1		0.4	0.7	3.5		101%	88%	85%
			int	i5		0.4	0.6	2.6		0.4	0.6	1.9		99%	91%	73%
				xeon		0.4	0.7	2.8		0.4	0.6	2.1		103%	90%	75%
	indexonlyscan	1	bigint	i5	0.3	0.4	0.7	3.6	0.4	0.4	0.6	2.6	106%	104%	85%	72%
				xeon	0.3	0.4	0.7	3.8	0.4	0.4	0.7	2.8	119%	98%	89%	72%
			int	i5	0.3	0.4	0.6	2.4	0.4	0.4	0.5	1.4	103%	95%	80%	59%
				xeon	0.3	0.4	0.7	2.5	0.4	0.3	0.5	1.4	105%	87%	76%	58%
		5	bigint	i5		0.4	0.7	3.7		0.4	0.6	2.8		97%	88%	75%
				xeon		0.4	0.8	3.9		0.4	0.7	3.0		96%	86%	77%
			int	i5		0.4	0.6	2.5		0.4	0.5	1.6		97%	84%	63%
				xeon		0.4	0.6	2.6		0.4	0.6	1.6		116%	100%	63%
		10	bigint	i5		0.4	0.7	3.7		0.4	0.6	3.0		102%	90%	81%
				xeon		0.4	0.7	3.9		0.4	0.7	3.2		102%	101%	83%
			int	i5		0.4	0.6	2.5		0.4	0.5	1.8		94%	88%	71%
				xeon		0.4	0.7	2.6		0.4	0.6	1.9		98%	89%	74%

rows	dist	grp	scan	sel	type	cpu												
			indexscan	1	bigint	i5	0.4	0.4	0.7	3.8	0.4	0.4	0.6	2.7	96%	105%	86%	70%
						xeon	0.4	0.5	0.8	3.6	0.4	0.4	0.6	2.7	103%	91%	81%	75%
					int	i5	0.3	0.4	0.6	2.4	0.4	0.4	0.5	1.5	107%	94%	82%	59%
						xeon	0.4	0.4	0.7	2.4	0.4	0.4	0.5	1.5	99%	94%	77%	62%
				5	bigint	i5		0.4	0.7	3.8		0.4	0.6	2.9		92%	86%	76%
						xeon		0.4	0.8	3.9		0.4	0.7	3.1		103%	85%	78%
					int	i5		0.4	0.6	2.6		0.4	0.5	1.7		97%	88%	64%
						xeon		0.4	0.7	2.7		0.4	0.6	1.9		98%	90%	71%
				10	bigint	i5		0.4	0.7	3.9		0.4	0.6	3.2		97%	86%	81%
						xeon		0.4	0.8	4.0		0.4	0.8	3.5		97%	90%	87%
					int	i5		0.4	0.6	2.6		0.4	0.5	1.9		108%	87%	72%
						xeon		0.4	0.7	2.8		0.4	0.7	2.2		104%	93%	80%
10000000	correlated	100	bitmapscan	1	bigint	i5	20.7	90.6	717.2		19.7	88.9	710.0		95%	98%	99%	
						xeon	34.2	118.9	879.5		25.6	103.8	796.4		75%	87%	91%	
					int	i5	21.0	89.7	718.2		19.6	87.4	710.4		94%	97%	99%	
						xeon	26.2	104.7	822.8		26.1	103.0	797.8		99%	98%	97%	
				5	bigint	i5		136.9				129.7				95%		
						xeon		252.1				189.4				75%		
					int	i5		135.6				129.5				96%		
						xeon		187.8				187.3				100%		
				10	bigint	i5		175.6				166.3				95%		
						xeon		309.1				225.1				73%		
					int	i5		175.8				166.1				94%		
						xeon		228.1				225.8				99%		
			indexonlyscan	1	bigint	i5	5.1	45.8	417.0		5.1	46.4	415.8		101%	101%	100%	
						xeon	5.3	47.0	427.0		5.0	45.1	401.6		94%	96%	94%	
					int	i5	5.0	44.9	406.6		5.0	44.5	405.1		100%	99%	100%	
						xeon	5.2	46.7	416.1		5.0	44.0	406.5		95%	94%	98%	
				5	bigint	i5		45.7				46.3				101%		
						xeon		48.1				45.2				94%		
					int	i5		45.1				44.7				99%		
						xeon		46.0				43.8				95%		
				10	bigint	i5		41.4				41.9				101%		
						xeon		43.5				40.7				94%		
					int	i5		40.9				40.5				99%		
						xeon		41.8				40.5				97%		
			indexscan	1	bigint	i5	17.1	138.6	1277.1		16.9	139.8	1288.0		99%	101%	101%	
						xeon	32.2	247.7	1820.6		23.2	195.4	1711.4		72%	79%	94%	
					int	i5	17.2	138.5	1277.9		17.0	138.2	1295.3		99%	100%	101%	
						xeon	24.1	192.0	2385.5		22.4	192.3	1694.4		93%	100%	71%	
				5	bigint	i5		146.7				146.0				100%		
						xeon		271.0				197.6				73%		
					int	i5		147.1				146.1				99%		
						xeon		198.9				198.4				100%		
				10	bigint	i5		141.0				140.1				99%		
						xeon		272.4				193.0				71%		
					int	i5		141.0				139.3				99%		

				xeon		197.0				192.2				98%		
10000	bitmapscan	1	bigint	i5	1.2	2.6	10.6	85.1	1.1	2.5	10.2	83.4	95%	94%	96%	98%
				xeon	1.2	2.8	13.3	101.3	1.2	3.1	13.2	98.8	102%	114%	99%	98%
			int	i5	1.1	2.6	10.4	85.1	1.1	2.5	10.1	83.1	96%	95%	97%	98%
				xeon	1.3	3.1	13.2	100.7	1.2	3.1	13.2	97.9	98%	98%	100%	97%
		5	bigint	i5		2.9	15.6	139.3		2.8	15.2	133.3		96%	97%	96%
				xeon		3.2	27.8	260.8		3.4	27.6	265.6		107%	99%	102%
			int	i5		2.9	15.4	140.0		2.7	14.8	133.3		95%	96%	95%
				xeon		3.1	26.7	251.3		3.4	27.3	262.9		110%	102%	105%
		10	bigint	i5		3.3	21.9	202.4		3.0	20.6	192.7		94%	94%	95%
				xeon		3.8	36.5	354.1		3.8	35.5	361.1		98%	97%	102%
			int	i5		3.2	21.5	202.6		3.0	20.6	193.4		95%	96%	95%
				xeon		3.6	36.6	355.1		3.8	36.1	359.2		105%	99%	101%
	indexonlyscan	1	bigint	i5	0.4	0.9	5.5	48.7	0.4	0.9	5.3	47.3	94%	99%	98%	97%
				xeon	0.4	1.0	5.5	50.6	0.4	1.0	5.5	49.4	105%	99%	100%	98%
			int	i5	0.4	0.9	5.2	47.5	0.4	0.9	5.1	46.0	98%	98%	98%	97%
				xeon	0.4	1.0	5.4	50.2	0.4	0.9	5.3	48.5	107%	97%	98%	97%
		5	bigint	i5		0.9	5.6	50.0		1.0	5.7	49.8		103%	101%	100%
				xeon		0.9	5.7	54.8		1.0	5.8	54.3		103%	101%	99%
			int	i5		0.9	5.4	48.7		0.9	5.4	48.4		101%	100%	99%
				xeon		1.0	5.6	54.2		0.9	5.7	53.8		95%	102%	99%
		10	bigint	i5		0.9	5.6	50.0		1.0	5.7	49.9		102%	101%	100%
				xeon		1.0	5.9	52.7		1.0	6.0	53.0		102%	102%	101%
			int	i5		0.9	5.4	49.2		0.9	5.6	48.9		98%	102%	99%
				xeon		1.0	5.8	51.4		1.0	5.8	52.6		101%	101%	102%
	indexscan	1	bigint	i5	0.9	3.3	22.5	216.6	0.9	3.2	23.1	213.7	97%	96%	103%	99%
				xeon	1.4	5.0	31.7	264.9	1.4	4.9	32.2	263.8	105%	99%	102%	100%
			int	i5	0.9	3.3	24.1	220.9	0.9	3.1	23.3	212.0	99%	94%	97%	96%
				xeon	1.5	4.9	31.7	263.7	1.4	4.9	32.5	263.7	97%	100%	103%	100%
		5	bigint	i5		3.4	26.5	248.1		3.3	25.4	239.6		95%	96%	97%
				xeon		4.9	39.6	358.9		5.5	40.0	361.9		111%	101%	101%
			int	i5		3.4	26.2	247.2		3.3	25.4	238.1		97%	97%	96%
				xeon		5.3	38.7	356.3		5.4	38.6	361.3		101%	100%	101%
		10	bigint	i5		3.5	28.3	262.6		3.4	27.1	253.0		96%	96%	96%
				xeon		5.6	44.8	403.3		5.6	43.1	407.3		101%	96%	101%
			int	i5		3.5	28.4	261.7		3.4	27.1	252.2		96%	95%	96%
				xeon		5.5	43.2	401.8		5.6	44.6	406.6		103%	103%	101%
1000000	bitmapscan	1	bigint	i5	0.4	0.5	0.9	4.6	0.4	0.5	0.8	3.6	100%	99%	89%	78%
				xeon	0.4	0.6	1.0	5.0	0.4	0.5	0.9	3.9	96%	90%	89%	78%
			int	i5	0.4	0.5	0.9	3.3	0.4	0.5	0.8	2.3	103%	96%	89%	70%
				xeon	0.4	0.5	0.9	3.6	0.4	0.5	0.8	2.6	103%	109%	91%	72%
		5	bigint	i5		0.5	1.0	5.3		0.5	0.9	4.5		94%	89%	85%
				xeon		0.6	1.1	5.9		0.6	1.0	5.1		111%	91%	86%
			int	i5		0.5	0.9	4.1		0.5	0.8	3.2		93%	90%	78%
				xeon		0.5	1.0	4.6		0.6	0.9	3.8		104%	94%	83%
		10	bigint	i5		0.5	1.0	6.0		0.5	1.0	5.3		97%	94%	89%
				xeon		0.6	1.1	6.8		0.6	1.1	6.3		99%	96%	92%

		scan	n	dtype	cpu												
				int	i5		0.5	0.9	4.8		0.5	0.9	4.2		97%	95%	87%
					xeon		0.5	1.0	5.5		0.5	0.9	4.7		98%	95%	86%
		indexonlyscan	1	bigint	i5	0.4	0.4	0.8	4.1	0.4	0.4	0.6	3.1	95%	96%	83%	74%
					xeon	0.4	0.4	0.8	4.3	0.4	0.4	0.7	3.2	103%	103%	89%	74%
				int	i5	0.4	0.4	0.7	2.9	0.4	0.4	0.5	1.8	99%	92%	80%	64%
					xeon	0.3	0.4	0.6	3.0	0.3	0.4	0.6	1.9	110%	90%	100%	65%
			5	bigint	i5		0.4	0.8	4.2		0.4	0.7	3.3		103%	89%	80%
					xeon		0.4	0.8	4.4		0.4	0.7	3.6		95%	89%	82%
				int	i5		0.4	0.7	3.0		0.4	0.6	2.1		91%	89%	71%
					xeon		0.4	0.7	3.0		0.4	0.6	2.2		103%	82%	73%
			10	bigint	i5		0.4	0.8	4.3		0.4	0.7	3.8		96%	91%	87%
					xeon		0.4	0.8	4.6		0.4	0.8	4.0		103%	94%	87%
				int	i5		0.4	0.7	3.1		0.4	0.6	2.5		98%	91%	80%
					xeon		0.4	0.8	3.2		0.4	0.7	2.7		101%	93%	84%
		indexscan	1	bigint	i5	0.4	0.5	1.1	6.6	0.4	0.5	1.0	5.5	96%	99%	90%	83%
					xeon	0.4	0.6	1.4	7.4	0.4	0.6	1.2	5.8	98%	102%	88%	78%
				int	i5	0.4	0.5	1.0	5.4	0.4	0.5	0.9	4.3	93%	95%	87%	80%
					xeon	0.4	0.6	1.2	6.1	0.4	0.6	1.1	4.7	100%	106%	89%	77%
			5	bigint	i5		0.5	1.1	7.1		0.5	1.0	6.2		89%	92%	87%
					xeon		0.6	1.4	8.2		0.6	1.3	7.1		105%	90%	86%
				int	i5		0.5	1.0	5.9		0.5	1.0	5.0		95%	94%	85%
					xeon		0.6	1.3	7.0		0.6	1.2	5.9		96%	96%	85%
			10	bigint	i5		0.5	1.2	7.4		0.5	1.1	6.9		93%	95%	92%
					xeon		0.7	1.5	9.0		0.6	1.4	8.0		95%	96%	89%
				int	i5		0.5	1.1	6.2		0.5	1.0	5.6		95%	94%	90%
					xeon		0.5	1.4	7.6		0.6	1.3	6.4		104%	90%	84%
cycle	100	bitmapscan	1	bigint	i5	76.5	153.9	838.5		69.8	147.1	845.5			91%	96%	101%
					xeon	108.8	259.4	1004.0		85.6	194.1	948.2			79%	75%	94%
				int	i5	77.0	155.4	862.2		69.5	147.6	843.7			90%	95%	98%
					xeon	86.8	197.9	976.1		109.6	250.1	946.3			126%	126%	97%
			5	bigint	i5		173.3				166.4				96%		
					xeon		325.3				245.4				75%		
				int	i5		175.5				166.1				95%		
					xeon		250.6				245.8				98%		
			10	bigint	i5		175.5				168.2				96%		
					xeon		354.1				261.2				74%		
				int	i5		177.4				167.8				95%		
					xeon		266.8				262.5				98%		
		indexonlyscan	1	bigint	i5	5.1	46.0	441.0		5.1	46.2	439.4			100%	100%	100%
					xeon	5.5	46.4	451.7		5.1	44.6	440.3			93%	96%	97%
				int	i5	5.1	45.1	430.0		5.1	44.7	428.8			101%	99%	100%
					xeon	5.3	47.7	439.7		5.2	44.7	431.4			100%	94%	98%
			5	bigint	i5		45.9				46.6				101%		
					xeon		48.2				45.0				93%		
				int	i5		45.1				44.8				99%		
					xeon		48.3				44.2				92%		
			10	bigint	i5		45.9				46.6				101%		

				xeon		48.7				44.4				91%		
			int	i5		45.0				45.1				100%		
				xeon		46.6				44.5				95%		
	indexscan	1	bigint	i5	49.2	348.7	3332.1		45.0	323.0	3059.4		91%	93%	92%	
				xeon	79.1	493.9	3422.6		58.7	370.2	3283.1		74%	75%	96%	
			int	i5	49.2	348.8	3330.5		45.1	317.1	3034.2		91%	91%	91%	
				xeon	59.2	362.5	4405.4		80.3	514.1	3415.5		136%	142%	78%	
		5	bigint	i5		349.1				322.2				92%		
				xeon		397.0				378.7				95%		
			int	i5		349.3				317.9				91%		
				xeon		370.3				384.3				104%		
		10	bigint	i5		349.0				322.2				92%		
				xeon		401.5				375.5				94%		
			int	i5		348.6				317.5				91%		
				xeon		370.1				373.4				101%		
10000	bitmapscan	1	bigint	i5	4.8	5.7	13.5	92.1	4.5	5.4	13.1	90.0	93%	94%	97%	98%
				xeon	5.0	5.9	17.2	116.8	5.3	6.3	17.7	113.3	106%	106%	103%	97%
			int	i5	4.8	5.7	13.6	91.5	4.5	5.4	13.0	89.7	93%	94%	96%	98%
				xeon	5.0	5.8	17.1	115.5	5.2	6.2	17.2	112.8	105%	107%	101%	98%
		5	bigint	i5		6.2	18.9	142.0		5.8	18.2	138.4		95%	96%	97%
				xeon		6.7	31.6	270.5		7.0	32.5	273.4		103%	103%	101%
			int	i5		6.2	18.9	142.2		5.8	18.2	138.8		94%	96%	98%
				xeon		6.7	32.4	267.9		7.2	33.0	272.9		107%	102%	102%
		10	bigint	i5		6.6	23.4	183.7		6.2	22.2	176.0		94%	95%	96%
				xeon		7.2	42.8	377.6		8.1	43.4	385.2		113%	101%	102%
			int	i5		6.5	23.3	182.9		6.2	22.1	176.1		95%	95%	96%
				xeon		7.3	41.9	378.2		7.9	43.4	386.6		108%	104%	102%
	indexonlyscan	1	bigint	i5	0.5	0.9	5.5	49.1	0.4	0.9	5.4	47.8	95%	100%	98%	97%
				xeon	0.4	1.0	5.6	51.2	0.4	1.0	5.6	49.5	99%	98%	99%	97%
			int	i5	0.4	0.9	5.3	47.7	0.4	0.9	5.2	46.6	95%	98%	98%	98%
				xeon	0.4	0.9	5.6	50.5	0.5	0.9	5.4	48.0	112%	100%	96%	95%
		5	bigint	i5		1.0	5.6	50.4		1.0	5.7	50.1		99%	101%	100%
				xeon		0.9	5.9	54.8		1.0	6.0	54.5		103%	102%	99%
			int	i5		0.9	5.4	49.0		0.9	5.5	48.8		100%	101%	100%
				xeon		0.9	5.8	53.4		1.0	5.8	53.7		103%	101%	101%
		10	bigint	i5		1.0	5.7	50.6		1.0	5.7	50.3		99%	100%	99%
				xeon		1.0	6.0	53.6		1.0	6.2	53.2		100%	104%	99%
			int	i5		0.9	5.6	49.0		0.9	5.6	49.5		98%	100%	101%
				xeon		0.9	5.9	52.4		1.0	5.9	52.3		105%	100%	100%
	indexscan	1	bigint	i5	4.3	8.0	42.6	375.4	4.0	7.6	41.2	371.1	93%	95%	97%	99%
				xeon	6.2	9.5	47.0	392.7	6.5	10.3	47.8	394.8	105%	109%	102%	101%
			int	i5	4.3	8.0	42.3	375.9	4.0	7.6	41.6	372.5	93%	95%	98%	99%
				xeon	6.5	9.6	46.7	391.6	6.2	9.7	45.7	393.8	95%	101%	98%	101%
		5	bigint	i5		8.4	46.3	414.3		7.9	44.4	403.3		94%	96%	97%
				xeon		11.5	57.9	501.9		10.9	59.1	511.6		95%	102%	102%
			int	i5		8.3	46.0	414.6		8.0	44.6	405.1		96%	97%	98%
				xeon		11.5	58.9	501.8		11.0	57.8	512.5		96%	98%	102%

				10	bigint	i5		8.5	47.8	427.5		8.0	45.6	410.9		95%	95%	96%
						xeon		11.9	62.8	552.6		11.9	64.6	563.5		100%	103%	102%
					int	i5		8.4	47.3	425.4		8.0	45.8	412.2		96%	97%	97%
						xeon		11.6	63.4	555.1		12.3	64.5	566.4		106%	102%	102%
		1000000	bitmapscan	1	bigint	i5	0.5	0.5	0.9	4.4	0.4	0.5	0.7	3.4	94%	88%	85%	78%
						xeon	0.4	0.5	0.9	4.8	0.4	0.5	0.8	3.8	96%	97%	92%	79%
					int	i5	0.4	0.5	0.8	3.2	0.4	0.5	0.6	2.2	100%	97%	84%	68%
						xeon	0.4	0.4	0.8	3.4	0.5	0.5	0.7	2.4	107%	105%	88%	71%
				5	bigint	i5		0.5	0.9	5.1		0.5	0.8	4.2		96%	89%	83%
						xeon		0.6	1.0	5.9		0.6	0.9	5.1		103%	91%	86%
					int	i5		0.5	0.8	3.9		0.5	0.7	3.0		94%	87%	77%
						xeon		0.5	0.9	4.4		0.5	0.8	3.6		104%	97%	81%
				10	bigint	i5		0.5	1.0	5.6		0.5	0.9	4.9		97%	91%	88%
						xeon		0.5	1.1	7.0		0.5	1.0	6.4		101%	93%	92%
					int	i5		0.5	0.9	4.4		0.5	0.8	3.7		93%	92%	85%
						xeon		0.5	0.9	5.5		0.5	0.9	5.0		107%	100%	92%
			indexonlyscan	1	bigint	i5	0.4	0.4	0.8	4.3	0.4	0.4	0.7	3.4	92%	91%	88%	78%
						xeon	0.4	0.5	0.9	4.6	0.3	0.4	0.8	3.6	92%	94%	89%	78%
					int	i5	0.4	0.4	0.7	3.1	0.3	0.4	0.6	2.2	94%	95%	85%	69%
						xeon	0.4	0.5	0.7	3.2	0.3	0.4	0.6	2.2	88%	89%	81%	69%
				5	bigint	i5		0.4	0.8	4.4		0.4	0.7	3.7		93%	86%	82%
						xeon		0.4	0.9	4.7		0.5	0.8	3.9		120%	90%	83%
					int	i5		0.4	0.7	3.2		0.4	0.6	2.4		93%	85%	75%
						xeon		0.4	0.8	3.3		0.4	0.7	2.5		106%	87%	77%
				10	bigint	i5		0.5	0.8	4.6		0.4	0.7	4.0		93%	91%	88%
						xeon		0.4	0.8	4.9		0.4	0.8	4.4		100%	99%	89%
					int	i5		0.4	0.7	3.3		0.4	0.6	2.8		95%	88%	82%
						xeon		0.5	0.8	3.5		0.5	0.7	3.0		103%	96%	86%
			indexscan	1	bigint	i5	0.5	0.5	1.1	6.5	0.4	0.5	1.0	5.5	88%	95%	88%	85%
						xeon	0.4	0.6	1.2	6.6	0.5	0.6	1.1	5.7	105%	104%	93%	87%
					int	i5	0.4	0.5	1.0	5.4	0.4	0.5	0.8	4.3	100%	97%	86%	80%
						xeon	0.5	0.5	1.1	5.1	0.5	0.6	1.0	4.5	104%	105%	94%	89%
				5	bigint	i5		0.6	1.2	7.1		0.5	1.0	6.3		93%	91%	88%
						xeon		0.6	1.4	8.1		0.6	1.3	7.7		107%	97%	94%
					int	i5		0.5	1.1	5.9		0.5	0.9	5.1		93%	89%	86%
						xeon		0.5	1.3	6.9		0.6	1.2	6.4		105%	96%	93%
				10	bigint	i5		0.5	1.2	7.7		0.5	1.1	7.0		97%	93%	91%
						xeon		0.6	1.5	9.0		0.6	1.5	9.2		96%	97%	102%
					int	i5		0.5	1.1	6.4		0.5	1.0	5.7		95%	91%	89%
						xeon		0.6	1.4	7.7		0.6	1.4	7.7		101%	103%	100%
random		100	bitmapscan	1	bigint	i5		72.8	201.3	827.9		66.8	192.5	833.3		92%	96%	101%
						xeon		83.4	262.1	951.6		82.4	256.8	925.1		99%	98%	97%
					int	i5		73.1	202.3	834.4		66.1	188.7	805.4		90%	93%	97%
						xeon		83.3	273.9	917.6		84.2	257.3	980.4		101%	94%	107%
				5	bigint	i5		200.9				192.1				96%		
						xeon		261.8				258.2				99%		
					int	i5		202.4				188.7				93%		

				xeon		341.7				258.8				76%		
		10	bigint	i5		196.4				187.9				96%		
				xeon		254.9				251.2				99%		
			int	i5		196.9				184.4				94%		
				xeon		333.5				334.6				100%		
	indexonlyscan	1	bigint	i5	5.1	46.1	438.9		5.1	46.1	437.3		100%	100%	100%	
				xeon	5.3	47.6	450.4		5.1	44.6	426.0		96%	94%	95%	
			int	i5	5.1	45.4	428.5		5.1	45.0	427.6		100%	99%	100%	
				xeon	5.3	47.7	447.2		5.1	45.9	447.3		95%	96%	100%	
		5	bigint	i5		45.7				46.4				101%		
				xeon		48.3				45.2				94%		
			int	i5		45.3				45.2				100%		
				xeon		48.5				46.4				96%		
		10	bigint	i5		43.8				44.1				101%		
				xeon		45.8				43.4				95%		
			int	i5		43.0				42.9				100%		
				xeon		46.5				45.2				97%		
	indexscan	1	bigint	i5	46.6	323.6	3076.6		43.5	304.2	2872.8		93%	94%	93%	
				xeon	56.7	354.1	3400.1		55.9	362.6	3235.5		99%	102%	95%	
			int	i5	47.5	332.1	3150.9		43.7	302.1	2875.7		92%	91%	91%	
				xeon	58.8	488.0	3350.7		56.7	353.8	3350.0		96%	73%	100%	
		5	bigint	i5		323.6				304.0				94%		
				xeon		354.8				360.9				102%		
			int	i5		331.6				302.5				91%		
				xeon		376.0				359.7				96%		
		10	bigint	i5		313.0				292.4				93%		
				xeon		339.2				346.2				102%		
			int	i5		319.4				291.8				91%		
				xeon		363.6				366.7				101%		
10000	bitmapscan	1	bigint	i5	4.5	23.5	74.0	215.0	4.2	21.4	68.1	205.6	92%	91%	92%	96%
				xeon	4.5	30.8	104.5	357.5	4.9	31.6	104.9	373.7	109%	103%	100%	105%
			int	i5	4.5	23.6	74.0	214.3	4.1	21.4	68.2	205.6	92%	91%	92%	96%
				xeon	4.5	30.2	105.2	367.7	4.6	26.1	81.6	274.3	101%	86%	78%	75%
		5	bigint	i5		23.6	74.1	216.3		21.4	68.5	208.3		91%	92%	96%
				xeon		31.1	104.9	372.1		31.2	106.1	374.4		100%	101%	101%
			int	i5		23.6	73.9	216.0		21.4	68.4	209.3		91%	93%	97%
				xeon		29.5	104.7	282.6		26.1	81.9	277.0		89%	78%	98%
		10	bigint	i5		23.6	74.2	216.5		21.5	68.6	208.4		91%	92%	96%
				xeon		30.8	105.4	374.2		31.5	106.3	378.9		102%	101%	101%
			int	i5		23.5	74.0	216.9		21.5	68.3	209.1		91%	92%	96%
				xeon		29.8	104.6	373.7		26.0	83.9	311.2		87%	80%	83%
	indexonlyscan	1	bigint	i5	0.4	0.9	5.5	49.5	0.4	0.9	5.4	48.1	103%	100%	98%	97%
				xeon	0.4	1.0	5.8	50.6	0.5	1.0	5.7	48.0	100%	102%	98%	95%
			int	i5	0.4	0.9	5.3	47.9	0.4	0.9	5.2	46.6	105%	98%	97%	97%
				xeon	0.4	1.0	5.7	48.7	0.4	0.9	5.4	47.5	98%	95%	94%	98%
		5	bigint	i5		1.0	5.6	50.6		1.0	5.7	50.2		101%	101%	99%
				xeon		1.0	6.1	52.8		1.0	6.1	51.6		99%	100%	98%

				V1	V2	V3	V4	W1	W2	W3	W4	P1	P2	P3	P4
		int	i5		0.9	5.4	49.2		0.9	5.5	49.2		101%	100%	100%
			xeon		1.0	6.0	54.5		1.0	5.7	50.8		99%	95%	93%
	10	bigint	i5		1.0	5.7	50.3		1.0	5.7	50.1		101%	100%	100%
			xeon		1.0	6.1	52.8		1.0	6.2	52.6		102%	101%	100%
		int	i5		0.9	5.5	49.1		0.9	5.5	49.2		102%	100%	100%
			xeon		1.0	6.0	52.3		1.0	5.7	53.2		100%	95%	102%
	indexscan	1 bigint	i5	4.0	19.7	73.4	577.1	3.7	18.1	64.8	504.3	94%	92%	88%	87%
			xeon	5.0	24.5	87.3	602.2	5.9	25.0	89.1	618.9	117%	102%	102%	103%
		int	i5	3.9	19.8	73.4	579.1	3.7	17.9	64.8	500.5	93%	90%	88%	86%
			xeon	5.6	24.4	88.0	598.6	4.6	20.4	67.1	469.5	83%	84%	76%	78%
		5 bigint	i5		19.8	73.5	580.0		18.0	65.2	508.1		91%	89%	88%
			xeon		24.6	88.6	604.1		25.2	90.7	625.2		102%	102%	103%
		int	i5		19.7	73.3	580.5		17.9	65.5	506.8		91%	89%	87%
			xeon		24.4	88.9	471.1		20.4	68.2	476.1		84%	77%	101%
		10 bigint	i5		19.7	73.7	578.0		18.0	65.4	504.7		92%	89%	87%
			xeon		24.5	88.4	606.1		25.6	91.0	624.0		105%	103%	103%
		int	i5		19.7	73.6	578.9		18.0	65.9	505.4		91%	89%	87%
			xeon		24.4	87.6	604.3		20.5	69.1	553.8		84%	79%	92%
1000000	bitmapscan	1 bigint	i5	0.4	1.0	4.8	26.6	0.4	0.9	4.4	23.3	100%	95%	91%	88%
			xeon	0.4	1.0	5.0	35.2	0.5	1.1	4.9	34.2	102%	102%	96%	97%
		int	i5	0.5	1.0	4.7	25.5	0.4	1.0	4.3	22.1	90%	94%	90%	87%
			xeon	0.5	1.0	4.8	32.2	0.5	1.1	4.9	33.3	100%	103%	103%	104%
		5 bigint	i5		1.0	4.8	26.6		1.0	4.4	23.7		96%	91%	89%
			xeon		1.1	4.9	36.0		1.0	4.8	35.2		97%	98%	98%
		int	i5		1.0	4.7	25.6		0.9	4.2	22.6		93%	91%	88%
			xeon		1.0	4.9	34.0		1.1	5.0	32.9		106%	103%	97%
		10 bigint	i5		1.0	4.9	26.7		1.0	4.4	24.1		97%	91%	90%
			xeon		1.2	5.0	34.7		1.1	5.1	35.5		95%	103%	102%
		int	i5		0.9	4.7	25.6		1.0	4.5	22.8		101%	95%	89%
			xeon		1.0	4.9	34.3		1.0	5.0	35.0		96%	103%	102%
	indexonlyscan	1 bigint	i5	0.4	0.5	0.8	4.3	0.4	0.4	0.7	3.4	101%	87%	87%	78%
			xeon	0.4	0.5	0.9	4.6	0.4	0.4	0.8	3.6	106%	92%	88%	77%
		int	i5	0.4	0.4	0.7	3.1	0.3	0.4	0.6	2.2	93%	98%	84%	72%
			xeon	0.4	0.4	0.7	3.2	0.3	0.4	0.6	2.3	92%	96%	87%	70%
		5 bigint	i5		0.4	0.8	4.5		0.4	0.7	3.7		101%	91%	83%
			xeon		0.4	0.9	4.8		0.4	0.8	4.1		98%	92%	86%
		int	i5		0.4	0.7	3.2		0.4	0.6	2.5		96%	85%	77%
			xeon		0.4	0.7	3.4		0.5	0.7	2.8		107%	87%	81%
		10 bigint	i5		0.4	0.8	4.6		0.4	0.8	4.1		97%	93%	90%
			xeon		0.5	0.9	5.0		0.5	0.9	4.7		98%	98%	94%
		int	i5		0.4	0.7	3.4		0.4	0.7	2.8		98%	91%	84%
			xeon		0.4	0.7	3.7		0.4	0.7	3.4		106%	100%	91%
	indexscan	1 bigint	i5	0.5	1.0	4.4	22.9	0.4	0.9	3.9	19.9	98%	94%	90%	87%
			xeon	0.5	1.3	6.3	27.8	0.5	1.2	5.1	27.1	109%	91%	81%	98%
		int	i5	0.5	1.0	4.3	21.8	0.4	0.9	3.9	18.9	93%	94%	90%	87%
			xeon	0.5	1.3	5.8	26.3	0.5	1.2	5.9	25.9	98%	97%	102%	98%
		5 bigint	i5		1.0	4.5	23.1		0.9	4.1	20.4		96%	91%	88%

					xeon		1.3	6.1	27.8		1.2	5.3	27.5		93%	88%	99%
				int	i5		1.0	4.2	22.0		0.9	3.9	19.3		94%	92%	87%
					xeon		1.2	6.1	26.6		1.3	6.2	26.3		112%	102%	99%
			10	bigint	i5		1.0	4.5	23.2		0.9	4.1	20.9		96%	90%	90%
					xeon		1.3	5.9	28.2		1.3	6.3	28.2		99%	107%	100%
				int	i5		0.9	4.4	22.2		0.9	4.1	19.6		101%	93%	88%
					xeon		1.2	5.7	26.4		1.3	5.9	27.5		109%	102%	104%
sequential	100	bitmapscan	1	bigint	i5	8.2	76.8	742.5		8.1	75.3	735.3		100%	98%	99%	
					xeon	9.3	89.1	894.1		9.1	82.2	813.8		97%	92%	91%	
				int	i5	8.1	76.1	743.4		8.1	75.1	735.6		100%	99%	99%	
					xeon	9.6	89.5	893.7		9.7	89.0	881.8		102%	99%	99%	
			5	bigint	i5		76.9				75.6				98%		
					xeon		89.0				82.2				92%		
				int	i5		76.7				75.5				99%		
					xeon		89.4				90.0				101%		
			10	bigint	i5		72.8				71.7				99%		
					xeon		85.2				79.1				93%		
				int	i5		72.7				71.9				99%		
					xeon		85.8				86.3				100%		
		indexonlyscan	1	bigint	i5	5.1	45.6	439.0		5.1	46.3	437.5		101%	101%	100%	
					xeon	5.3	48.4	449.1		5.0	45.0	438.3		94%	93%	98%	
				int	i5	5.0	45.0	428.2		5.0	44.7	426.4		100%	99%	100%	
					xeon	5.3	48.0	449.1		5.1	46.4	432.3		96%	97%	96%	
			5	bigint	i5		45.7				46.1				101%		
					xeon		47.3				44.3				94%		
				int	i5		45.1				45.0				100%		
					xeon		48.2				46.7				97%		
			10	bigint	i5		43.5				44.0				101%		
					xeon		46.1				42.2				91%		
				int	i5		42.9				42.6				99%		
					xeon		45.6				44.0				96%		
		indexscan	1	bigint	i5	9.8	88.6	861.9		10.0	91.4	889.6		103%	103%	103%	
					xeon	13.1	114.3	1022.1		12.2	103.6	982.6		93%	91%	96%	
				int	i5	9.7	88.4	862.0		10.0	91.7	893.0		103%	104%	104%	
					xeon	13.1	110.5	1025.1		13.2	111.2	1006.7		100%	101%	98%	
			5	bigint	i5		88.7				91.7				103%		
					xeon		111.8				101.1				90%		
				int	i5		88.3				91.6				104%		
					xeon		111.3				111.1				100%		
			10	bigint	i5		84.2				87.5				104%		
					xeon		105.8				96.5				91%		
				int	i5		84.0				86.9				104%		
					xeon		106.2				104.7				99%		
	10000	bitmapscan	1	bigint	i5	0.5	1.3	8.6	79.7	0.5	1.2	8.5	77.8	103%	95%	99%	98%
					xeon	0.5	1.3	9.9	91.8	0.5	1.5	10.0	90.8	101%	110%	101%	99%
				int	i5	0.5	1.2	8.5	79.5	0.5	1.2	8.5	77.6	102%	100%	99%	98%
					xeon	0.5	1.3	9.6	92.7	0.5	1.4	9.1	82.5	105%	101%	95%	89%

		5	bigint	i5		1.3	9.2	84.6		1.3	9.0	83.3		100%	98%	98%
				xeon		1.4	10.9	105.5		1.5	10.9	105.6		106%	100%	100%
			int	i5		1.3	9.0	84.6		1.2	9.0	83.4		99%	99%	99%
				xeon		1.4	10.6	103.9		1.4	9.9	93.5		97%	94%	90%
		10	bigint	i5		1.3	9.2	85.9		1.3	9.3	84.9		97%	100%	99%
				xeon		1.4	11.0	110.1		1.5	11.0	110.6		104%	100%	100%
			int	i5		1.3	9.1	85.7		1.3	9.1	84.8		100%	100%	99%
				xeon		1.4	10.9	108.0		1.4	10.1	96.5		101%	92%	89%
	indexonlyscan	1	bigint	i5	0.4	1.0	5.5	48.9	0.4	1.0	5.4	47.5	107%	100%	98%	97%
				xeon	0.4	1.0	5.5	50.3	0.4	0.9	5.7	49.2	101%	97%	102%	98%
			int	i5	0.4	0.9	5.3	47.5	0.4	0.9	5.2	46.1	100%	98%	97%	97%
				xeon	0.4	0.9	5.5	50.2	0.4	0.9	5.2	46.4	112%	99%	95%	92%
		5	bigint	i5		1.0	5.6	50.2		0.9	5.6	50.1		99%	101%	100%
				xeon		1.0	5.7	54.6		1.0	6.0	54.9		98%	105%	101%
			int	i5		0.9	5.4	48.8		0.9	5.4	48.6		101%	101%	100%
				xeon		0.9	5.6	52.7		1.0	5.5	50.8		104%	98%	96%
		10	bigint	i5		0.9	5.7	50.7		0.9	5.7	50.3		101%	100%	99%
				xeon		1.0	5.7	55.4		1.0	6.1	55.6		101%	106%	100%
			int	i5		0.9	5.4	49.0		0.9	5.5	49.0		102%	101%	100%
				xeon		1.0	5.7	53.7		1.0	5.5	52.4		100%	98%	98%
	indexscan	1	bigint	i5	0.5	1.5	10.4	92.5	0.5	1.5	10.5	94.4	99%	101%	101%	102%
				xeon	0.6	1.9	14.0	116.7	0.6	1.9	13.5	114.5	104%	101%	97%	98%
			int	i5	0.5	1.4	10.2	90.7	0.5	1.4	10.4	92.9	101%	101%	101%	102%
				xeon	0.5	1.9	13.9	114.9	0.5	1.8	12.4	103.0	103%	92%	89%	90%
		5	bigint	i5		1.5	10.8	98.1		1.6	11.3	103.1		103%	105%	105%
				xeon		2.1	15.4	129.7		2.1	15.8	127.7		101%	102%	99%
			int	i5		1.5	10.6	96.0		1.5	11.2	100.7		102%	106%	105%
				xeon		2.0	15.2	127.9		1.9	13.9	113.1		94%	91%	88%
		10	bigint	i5		1.5	10.8	98.4		1.6	11.3	103.0		103%	104%	105%
				xeon		2.1	15.4	133.4		2.1	15.5	132.8		102%	101%	100%
			int	i5		1.5	10.7	96.2		1.5	11.1	100.9		104%	105%	105%
				xeon		2.0	15.3	131.9		1.9	13.7	115.7		92%	90%	88%
1000000	bitmapscan	1	bigint	i5	0.4	0.4	0.8	4.3	0.4	0.4	0.7	3.3	98%	103%	86%	77%
				xeon	0.4	0.4	0.9	4.7	0.4	0.4	0.7	3.7	101%	93%	83%	79%
			int	i5	0.3	0.4	0.7	3.1	0.3	0.4	0.6	2.1	103%	92%	81%	68%
				xeon	0.4	0.4	0.7	3.3	0.3	0.4	0.6	2.3	86%	95%	83%	71%
		5	bigint	i5		0.4	0.9	4.9		0.5	0.8	4.1		106%	92%	83%
				xeon		0.4	0.9	5.4		0.4	0.9	4.5		111%	90%	84%
			int	i5		0.4	0.7	3.7		0.4	0.7	2.8		92%	90%	78%
				xeon		0.4	0.8	4.0		0.4	0.8	3.2		108%	92%	80%
		10	bigint	i5		0.4	0.9	5.3		0.4	0.8	4.7		103%	93%	89%
				xeon		0.4	1.0	6.0		0.5	0.9	5.3		104%	94%	88%
			int	i5		0.4	0.8	4.0		0.4	0.7	3.4		97%	92%	85%
				xeon		0.4	0.9	4.4		0.4	0.8	3.9		104%	95%	90%
	indexonlyscan	1	bigint	i5	0.4	0.4	0.8	4.1	0.4	0.4	0.7	3.0	99%	96%	85%	74%
				xeon	0.4	0.4	0.8	4.2	0.3	0.4	0.7	3.2	92%	99%	83%	76%
			int	i5	0.4	0.4	0.7	2.9	0.3	0.4	0.5	1.8	94%	103%	80%	62%

rows	dist	sel	scan	par	type	cpu												
						xeon	0.4	0.4	0.7	2.9	0.4	0.4	0.6	1.9	105%	98%	87%	66%
				5	bigint	i5		0.4	0.8	4.2		0.4	0.7	3.4		103%	91%	79%
						xeon		0.5	0.8	4.4		0.4	0.7	3.6		95%	87%	82%
					int	i5		0.4	0.7	3.0		0.4	0.6	2.1		94%	87%	71%
						xeon		0.4	0.7	3.0		0.4	0.6	2.2		95%	85%	74%
				10	bigint	i5		0.4	0.8	4.3		0.4	0.7	3.7		102%	92%	87%
						xeon		0.4	0.8	4.5		0.4	0.7	4.0		94%	87%	88%
					int	i5		0.4	0.7	3.0		0.4	0.6	2.5		89%	87%	82%
						xeon		0.4	0.7	3.1		0.4	0.7	2.7		102%	95%	88%
			indexscan	1	bigint	i5	0.4	0.5	0.8	4.7	0.4	0.4	0.7	3.6	102%	91%	86%	77%
						xeon	0.4	0.4	0.9	5.0	0.4	0.5	0.8	3.8	97%	104%	91%	77%
					int	i5	0.4	0.4	0.7	3.4	0.4	0.4	0.6	2.4	87%	91%	81%	69%
						xeon	0.3	0.4	0.8	3.5	0.4	0.4	0.7	2.6	113%	104%	89%	74%
				5	bigint	i5		0.5	0.9	5.1		0.4	0.8	4.3		97%	92%	83%
						xeon		0.5	1.1	6.1		0.4	1.0	4.8		95%	93%	78%
					int	i5		0.4	0.8	3.8		0.4	0.7	3.0		100%	87%	80%
						xeon		0.4	0.9	4.2		0.4	0.9	3.8		97%	92%	91%
				10	bigint	i5		0.5	0.9	5.4		0.4	0.9	4.9		98%	93%	91%
						xeon		0.5	1.2	6.6		0.5	1.1	5.8		92%	96%	87%
					int	i5		0.4	0.8	4.1		0.4	0.7	3.6		101%	92%	88%
						xeon		0.4	1.0	4.4		0.5	1.0	4.4		106%	103%	101%
100000000	correlated	100	bitmapscan	1	bigint	i5	199.5	1338.9	12380.8		191.5	1329.4	12085.4		96%	99%	98%	
						xeon	320.6	1505.5	11728.1		331.7	1482.9	11987.8		103%	98%	102%	
					int	i5	199.4	1319.4	12197.1		192.4	1314.2	11948.5		97%	100%	98%	
						xeon	269.6	1488.8	11620.3		355.5	1562.4	11715.5		132%	105%	101%	
				5	bigint	i5		5513.6				5521.4				100%		
						xeon		5445.4				5289.7				97%		
					int	i5		5411.6				5444.4				101%		
						xeon		5137.5				5313.8				103%		
				10	bigint	i5		9475.8				9522.2				100%		
						xeon		9685.8				9476.2				98%		
					int	i5		9321.7				9345.8				100%		
						xeon		9105.7				9182.1				101%		
			indexonlyscan	1	bigint	i5	47.8	443.3	4323.2		48.0	437.7	4289.0		100%	99%	99%	
						xeon	48.8	442.0	4041.6		47.4	419.4	4010.0		97%	95%	99%	
					int	i5	47.5	438.1	4256.4		47.4	432.8	4218.8		100%	99%	99%	
						xeon	47.7	439.9	4099.6		46.7	432.4	3974.3		98%	98%	97%	
				5	bigint	i5		455.0				453.1				100%		
						xeon		447.5				425.0				95%		
					int	i5		453.5				449.1				99%		
						xeon		435.0				431.1				99%		
				10	bigint	i5		411.6				409.2				99%		
						xeon		403.9				384.0				95%		
					int	i5		409.6				406.5				99%		
						xeon		395.5				390.8				99%		
			indexscan	1	bigint	i5	265.6	1719.4	14867.0		265.1	1711.4	14832.5		100%	100%	100%	
						xeon	279.9	1894.1	21495.6		272.0	2241.8	20731.9		97%	118%	96%	

				int	i5	266.1	1664.7	14873.2		264.2	1711.7	14872.4		99%	103%	100%	
					xeon	249.5	2317.4	21261.7		316.5	2097.0	17562.6		127%	90%	83%	
			5	bigint	i5		1874.9				1890.5				101%		
					xeon		2032.7				2291.4				113%		
				int	i5		1855.3				1911.7				103%		
					xeon		2883.2				2243.8				78%		
			10	bigint	i5		1928.4				1920.6				100%		
					xeon		1955.2				2443.8				125%		
				int	i5		1930.4				1923.4				100%		
					xeon		2611.3				2222.6				85%		
	10000	bitmapscan	1	bigint	i5	7.6	21.1	95.6	829.8	7.1	20.2	94.9	823.2	94%	96%	99%	99%
					xeon	8.2	27.1	113.4	935.7	8.7	27.1	113.8	934.6	106%	100%	100%	100%
				int	i5	7.6	21.1	96.0	838.7	7.2	20.3	94.3	833.3	95%	96%	98%	99%
					xeon	8.2	27.3	114.4	970.3	9.2	29.8	128.1	981.8	111%	109%	112%	101%
			5	bigint	i5		23.8	148.6	4962.7		22.9	145.4	4983.2		96%	98%	100%
					xeon		29.8	202.8	4792.9		29.7	202.8	4833.9		100%	100%	101%
				int	i5		23.7	148.8	4909.4		22.8	145.7	4916.9		96%	98%	100%
					xeon		30.2	205.5	4610.8		38.3	274.4	4889.3		127%	134%	106%
			10	bigint	i5		27.8	208.5	10539.2		26.4	202.7	10613.0		95%	97%	101%
					xeon		34.0	262.6	10014.8		33.6	265.4	10411.2		99%	101%	104%
				int	i5		28.0	208.6	10393.2		26.4	201.6	10429.5		94%	97%	100%
					xeon		33.2	313.6	9986.0		44.6	365.2	10524.1		134%	116%	105%
		indexonlyscan	1	bigint	i5	0.9	5.2	46.7	460.0	0.9	5.1	46.0	463.4	99%	99%	99%	101%
					xeon	0.9	5.4	47.7	437.0	0.9	5.1	45.7	426.0	97%	95%	96%	97%
				int	i5	0.9	5.1	46.8	456.7	0.9	5.1	45.1	453.2	98%	99%	96%	99%
					xeon	0.9	5.3	47.5	441.1	0.9	5.2	47.4	441.6	96%	98%	100%	100%
			5	bigint	i5		5.3	46.7	471.4		5.2	46.3	467.9		99%	99%	99%
					xeon		5.4	48.1	462.6		5.1	45.9	458.3		95%	96%	99%
				int	i5		5.2	47.2	464.4		5.1	45.6	465.3		99%	97%	100%
					xeon		5.3	46.8	460.1		5.2	47.8	440.6		98%	102%	96%
			10	bigint	i5		5.3	47.2	465.5		5.2	46.9	463.6		99%	99%	100%
					xeon		5.4	47.8	449.6		5.2	46.3	453.0		96%	97%	101%
				int	i5		5.2	47.3	461.2		5.2	45.9	461.1		100%	97%	100%
					xeon		5.3	48.7	449.7		5.2	48.4	457.8		99%	99%	102%
		indexscan	1	bigint	i5	17.3	48.2	339.1	3244.3	16.9	42.7	328.8	3164.6	98%	88%	97%	98%
					xeon	6.6	36.1	300.9	2922.6	8.2	37.5	316.0	2967.4	124%	104%	105%	102%
				int	i5	17.4	48.8	328.7	3298.9	16.9	47.2	314.6	3116.9	97%	97%	96%	94%
					xeon	7.7	38.9	312.4	2887.5	9.0	42.5	406.5	3537.0	117%	109%	130%	122%
			5	bigint	i5		53.9	421.7	3886.7		53.3	361.0	3764.9		99%	86%	97%
					xeon		37.4	311.9	3049.9		39.7	331.5	3033.5		106%	106%	99%
				int	i5		54.4	398.3	3896.7		52.6	396.8	3699.8		97%	100%	95%
					xeon		39.6	335.5	2956.1		49.1	425.7	4184.3		124%	127%	142%
			10	bigint	i5		44.7	484.9	4390.1		60.2	459.6	4220.4		135%	95%	96%
					xeon		38.5	325.4	4106.0		40.7	337.1	3609.7		106%	104%	88%
				int	i5		61.7	485.7	4377.9		60.2	460.9	4205.9		97%	95%	96%
					xeon		41.0	404.4	4171.3		51.3	447.0	3563.9		125%	111%	85%
	1000000	bitmapscan	1	bigint	i5	0.6	1.3	3.0	14.0	0.6	1.2	2.8	12.6	97%	93%	92%	90%

rows	scan	n	type	cpu												
				xeon	0.8	1.3	3.4	16.2	0.7	1.3	3.0	14.9	96%	99%	88%	92%
			int	i5	0.6	1.2	2.9	12.8	0.6	1.1	2.7	11.3	98%	97%	93%	88%
				xeon	0.7	1.2	3.1	15.4	0.7	1.3	2.9	13.4	97%	106%	95%	87%
		5	bigint	i5		1.2	3.3	19.6		1.2	3.1	18.5		97%	94%	94%
				xeon		1.3	3.6	30.5		1.3	3.3	25.7		98%	94%	84%
			int	i5		1.2	3.2	18.4		1.2	3.0	17.3		99%	95%	94%
				xeon		1.3	3.5	24.9		1.3	3.3	24.4		102%	94%	98%
		10	bigint	i5		1.2	3.7	25.9		1.2	3.5	25.1		98%	95%	97%
				xeon		1.3	4.3	40.5		1.4	3.9	33.3		101%	91%	82%
			int	i5		1.2	3.6	24.7		1.1	3.5	24.1		93%	96%	98%
				xeon		1.3	3.9	32.4		1.3	3.8	32.7		102%	97%	101%
	indexonlyscan	1	bigint	i5	0.4	0.5	1.3	8.5	0.4	0.5	1.1	7.3	116%	102%	88%	86%
				xeon	0.4	0.5	1.3	8.9	0.3	0.5	1.1	7.6	84%	89%	89%	85%
			int	i5	0.4	0.5	1.2	7.4	0.4	0.5	1.0	6.0	115%	96%	85%	81%
				xeon	0.4	0.5	1.2	7.5	0.4	0.5	1.0	6.2	90%	102%	89%	83%
		5	bigint	i5		0.5	1.3	9.3		0.5	1.3	8.7		101%	96%	93%
				xeon		0.5	1.4	9.6		0.5	1.3	9.6		96%	94%	100%
			int	i5		0.5	1.2	8.1		0.5	1.2	7.3		101%	96%	90%
				xeon		0.5	1.3	8.7		0.5	1.2	8.2		102%	94%	94%
		10	bigint	i5		0.5	1.4	10.1		0.5	1.4	10.0		106%	100%	99%
				xeon		0.6	1.4	10.4		0.5	1.4	11.3		91%	99%	109%
			int	i5		0.5	1.3	8.9		0.4	1.3	8.6		92%	99%	97%
				xeon		0.5	1.4	9.8		0.5	1.4	9.7		103%	100%	99%
	indexscan	1	bigint	i5	0.6	1.2	4.9	37.8	0.6	1.1	4.5	35.5	95%	97%	91%	94%
				xeon	0.8	1.5	6.0	36.9	0.8	1.4	4.9	34.6	95%	94%	82%	94%
			int	i5	0.6	1.1	4.8	37.1	0.6	1.1	4.6	34.2	103%	97%	95%	92%
				xeon	0.8	1.5	5.5	38.9	0.8	1.4	5.1	33.5	101%	93%	92%	86%
		5	bigint	i5		1.2	5.3	41.5		1.1	4.7	38.5		96%	89%	93%
				xeon		1.6	5.9	47.2		1.5	5.7	41.0		90%	96%	87%
			int	i5		1.2	5.0	40.3		1.1	4.7	38.1		92%	94%	95%
				xeon		1.5	6.2	40.9		1.5	5.6	40.2		95%	90%	98%
		10	bigint	i5		1.2	5.6	43.8		1.1	5.0	41.6		93%	89%	95%
				xeon		1.6	6.8	51.8		1.6	6.3	45.5		99%	92%	88%
			int	i5		1.2	5.2	42.8		1.1	5.0	40.4		93%	96%	95%
				xeon		1.5	6.6	46.3		1.5	6.2	44.4		97%	93%	96%
100000000	bitmapscan	1	bigint	i5	0.4	0.5	0.8	4.0	0.4	0.5	0.7	2.7	101%	99%	83%	67%
				xeon	0.4	0.4	0.9	4.2	0.4	0.4	0.7	3.0	102%	103%	82%	71%
			int	i5	0.4	0.4	0.7	2.8	0.4	0.4	0.6	1.5	103%	91%	85%	53%
				xeon	0.4	0.4	0.8	2.9	0.3	0.4	0.7	1.6	91%	103%	82%	57%
		5	bigint	i5		0.5	0.8	4.1		0.4	0.7	2.9		96%	86%	71%
				xeon		0.5	0.9	4.3		0.5	0.8	3.2		99%	85%	75%
			int	i5		0.4	0.7	2.9		0.4	0.6	1.7		99%	84%	60%
				xeon		0.4	0.8	3.0		0.4	0.7	1.9		104%	84%	61%
		10	bigint	i5		0.4	0.8	4.2		0.4	0.7	3.1		100%	87%	74%
				xeon		0.5	0.9	4.5		0.5	0.8	3.5		98%	92%	77%
			int	i5		0.4	0.7	3.0		0.4	0.6	1.9		95%	87%	65%
				xeon		0.4	0.8	3.1		0.4	0.7	2.1		103%	80%	68%

		scan	n	type	cpu												
		indexonlyscan	1	bigint	i5	0.3	0.4	0.7	3.9	0.4	0.4	0.6	2.6	110%	103%	86%	66%
					xeon	0.4	0.5	0.8	4.0	0.4	0.4	0.6	2.8	99%	97%	85%	70%
				int	i5	0.3	0.4	0.7	2.7	0.4	0.4	0.5	1.4	105%	97%	79%	50%
					xeon	0.4	0.4	0.7	2.6	0.3	0.4	0.5	1.5	91%	91%	71%	56%
			5	bigint	i5		0.4	0.8	4.0		0.5	0.6	2.7		101%	86%	68%
					xeon		0.4	0.8	4.1		0.5	0.6	3.0		119%	84%	73%
				int	i5		0.4	0.7	2.7		0.4	0.5	1.5		103%	77%	56%
					xeon		0.4	0.7	2.8		0.4	0.6	1.6		92%	79%	58%
			10	bigint	i5		0.4	0.8	4.0		0.4	0.6	2.9		96%	85%	72%
					xeon		0.5	0.8	4.1		0.5	0.7	3.2		103%	87%	78%
				int	i5		0.4	0.7	2.8		0.4	0.6	1.7		104%	85%	60%
					xeon		0.4	0.7	2.8		0.4	0.6	1.8		94%	78%	63%
		indexscan	1	bigint	i5	0.4	0.5	0.8	4.3	0.4	0.5	0.7	2.9	100%	99%	85%	67%
					xeon	0.4	0.5	0.9	4.2	0.4	0.4	0.8	3.1	101%	94%	87%	73%
				int	i5	0.4	0.4	0.7	3.0	0.4	0.4	0.6	1.7	107%	96%	84%	57%
					xeon	0.4	0.4	0.8	2.8	0.4	0.4	0.7	1.8	104%	103%	84%	62%
			5	bigint	i5		0.5	0.8	4.4		0.4	0.7	3.0		95%	87%	69%
					xeon		0.5	1.0	4.2		0.5	0.8	3.3		98%	84%	79%
				int	i5		0.4	0.7	3.0		0.4	0.6	1.9		98%	88%	63%
					xeon		0.4	0.8	3.0		0.4	0.7	2.1		94%	90%	68%
			10	bigint	i5		0.5	0.8	4.4		0.5	0.7	3.3		101%	88%	74%
					xeon		0.5	1.0	4.5		0.5	0.9	3.5		98%	92%	79%
				int	i5		0.4	0.7	3.2		0.4	0.7	2.1		92%	91%	65%
					xeon		0.4	0.8	3.1		0.4	0.7	2.2		99%	87%	71%
cycle	100	bitmapscan	1	bigint	i5	8218.9	10141.3	11942.1		8206.3	10182.9	11596.5		100%	100%	97%	
					xeon	7861.4	10184.1	11765.5		7563.9	10012.8	11547.0		96%	98%	98%	
				int	i5	8433.2	9968.4	11921.0		8098.6	9982.7	11504.4		96%	100%	97%	
					xeon	7231.9	9572.8	11250.6		7381.5	9843.3	11378.7		102%	103%	101%	
			5	bigint	i5		10296.5				10329.9				100%		
					xeon		10408.8				10285.5				99%		
				int	i5		10068.1				10146.0				101%		
					xeon		9717.5				9975.0				103%		
			10	bigint	i5		10361.5				10407.5				100%		
					xeon		10278.1				10412.3				101%		
				int	i5		10174.0				10217.4				100%		
					xeon		9749.9				9961.8				102%		
		indexonlyscan	1	bigint	i5	48.7	458.4	4608.5		49.4	455.6	4570.9		101%	99%	99%	
					xeon	49.2	447.7	4403.8		45.3	423.1	4291.7		92%	94%	97%	
				int	i5	48.4	456.1	4539.1		48.6	452.1	4499.3		100%	99%	99%	
					xeon	49.7	435.4	4367.0		48.7	434.4	4252.0		98%	100%	97%	
			5	bigint	i5		460.6				457.7				99%		
					xeon		448.3				424.0				95%		
				int	i5		458.0				454.3				99%		
					xeon		437.5				433.4				99%		
			10	bigint	i5		459.0				455.8				99%		
					xeon		448.1				426.0				95%		
				int	i5		456.0				452.6				99%		

				xeon		437.6				433.4				99%		
	indexscan	1	bigint	i5	1322.4	11649.5	114688.5		1309.9	11564.1	113800.2		99%	99%	99%	
				xeon	640.8	4239.3	44902.9		737.3	5736.8	52322.9		115%	135%	117%	
			int	i5	1320.2	11635.1	114745.0		1308.0	11508.3	113417.7		99%	99%	99%	
				xeon	781.2	5850.7	50613.0		636.5	4495.7	48406.4		81%	77%	96%	
		5	bigint	i5		11659.1				11566.7				99%		
				xeon		4214.4				5753.6				137%		
			int	i5		11624.1				11504.0				99%		
				xeon		5835.3				4558.8				78%		
		10	bigint	i5		11641.3				11561.1				99%		
				xeon		4220.2				5694.1				135%		
			int	i5		11624.3				11500.2				99%		
				xeon		5811.1				4584.8				79%		
10000	bitmapscan	1	bigint	i5	21.9	30.3	110.5	935.5	20.5	29.6	110.0	931.3	93%	98%	100%	100%
				xeon	62.0	77.8	198.7	1156.7	64.4	78.6	201.0	1144.2	104%	101%	101%	99%
			int	i5	21.5	30.3	111.0	949.7	20.9	29.7	110.0	943.5	97%	98%	99%	99%
				xeon	62.0	77.6	195.7	1220.2	63.7	79.1	197.2	1136.1	103%	102%	101%	93%
		5	bigint	i5		34.2	160.0	5583.2		33.8	157.5	5627.4		99%	98%	101%
				xeon		87.9	325.7	5601.1		90.2	328.4	5796.5		103%	101%	103%
			int	i5		34.7	160.1	5519.7		33.3	156.8	5560.1		96%	98%	101%
				xeon		88.6	326.9	5984.1		90.0	328.0	5719.3		102%	100%	96%
		10	bigint	i5		38.5	213.9	10678.2		37.7	207.0	10787.0		98%	97%	101%
				xeon		96.8	425.5	10349.7		98.7	423.3	10866.9		102%	99%	105%
			int	i5		38.1	213.2	10535.1		37.1	205.5	10601.9		97%	96%	101%
				xeon		96.1	427.3	10895.6		98.9	367.6	10662.7		103%	86%	98%
	indexonlyscan	1	bigint	i5	1.0	5.3	47.2	454.9	1.0	5.2	47.2	458.0	98%	100%	100%	101%
				xeon	1.2	5.8	49.1	453.4	1.1	5.9	49.4	446.7	98%	101%	101%	99%
			int	i5	1.0	5.2	47.5	452.4	1.0	5.1	45.7	452.0	100%	99%	96%	100%
				xeon	1.1	5.9	48.5	439.9	1.2	5.8	48.8	444.0	104%	99%	101%	101%
		5	bigint	i5		5.4	48.2	472.5		5.4	48.3	473.4		100%	100%	100%
				xeon		5.9	48.5	460.9		5.9	50.0	460.7		101%	103%	100%
			int	i5		5.3	48.6	470.4		5.3	47.2	470.8		100%	97%	100%
				xeon		5.9	49.1	459.0		5.9	49.3	449.2		99%	100%	98%
		10	bigint	i5		5.4	49.2	472.4		5.4	48.8	472.9		101%	99%	100%
				xeon		5.9	49.8	452.0		5.9	50.0	463.0		100%	100%	102%
			int	i5		5.3	49.3	469.3		5.3	47.5	468.7		99%	96%	100%
				xeon		5.9	49.5	459.9		5.9	46.6	454.1		100%	94%	99%
	indexscan	1	bigint	i5	39.4	91.7	619.0	5713.4	38.9	87.6	574.9	5467.2	99%	96%	93%	96%
				xeon	50.9	89.6	447.9	4108.4	52.2	92.3	464.4	4148.5	103%	103%	104%	101%
			int	i5	39.2	93.1	619.1	5791.8	39.1	88.5	565.4	5556.6	100%	95%	91%	96%
				xeon	51.4	89.4	457.3	4634.3	52.4	92.3	466.3	4113.3	102%	103%	102%	89%
		5	bigint	i5		100.3	714.1	6592.2		95.8	662.1	6301.1		96%	93%	96%
				xeon		89.3	475.7	4392.9		95.7	503.1	4419.8		107%	106%	101%
			int	i5		100.3	716.3	6943.1		95.5	662.8	6180.7		95%	93%	89%
				xeon		92.5	477.0	4583.4		94.7	506.6	4421.0		102%	106%	96%
		10	bigint	i5		108.2	812.4	7521.2		103.0	728.9	6918.1		95%	90%	92%
				xeon		94.8	530.2	5478.5		98.8	504.0	4913.2		104%	95%	90%

rows	operation	count	type	cpu												
			int	i5		108.1	809.4	7521.9		102.6	708.1	6896.2		95%	87%	92%
				xeon		96.4	490.1	4678.1		98.4	602.4	4949.8		102%	123%	106%
1000000	bitmapscan	1	bigint	i5	0.7	0.8	1.8	12.1	0.7	0.8	1.7	11.0	102%	101%	95%	91%
				xeon	1.3	1.5	2.7	15.1	1.4	1.5	2.6	14.8	106%	104%	97%	98%
			int	i5	0.7	0.8	1.8	11.1	0.7	0.8	1.6	9.8	98%	99%	92%	88%
				xeon	1.4	1.5	2.7	14.0	1.4	1.5	2.5	13.3	100%	105%	95%	96%
		5	bigint	i5		0.9	2.4	17.6		0.9	2.4	16.6		103%	98%	95%
				xeon		1.7	3.8	30.5		1.7	3.8	30.0		99%	100%	98%
			int	i5		0.9	2.4	16.6		0.9	2.3	15.7		97%	94%	94%
				xeon		1.6	3.8	29.0		1.6	3.8	29.1		102%	98%	100%
		10	bigint	i5		0.9	3.0	22.4		0.9	2.9	21.8		100%	98%	97%
				xeon		1.8	4.5	41.2		1.8	4.5	42.4		101%	100%	103%
			int	i5		0.9	2.9	21.5		0.9	2.8	20.7		100%	97%	96%
				xeon		1.7	4.6	40.3		1.7	4.6	40.5		105%	101%	101%
	indexonlyscan	1	bigint	i5	0.5	0.6	1.5	10.4	0.5	0.6	1.4	10.0	104%	102%	96%	96%
				xeon	0.4	0.6	1.6	11.1	0.4	0.6	1.4	9.9	92%	110%	91%	89%
			int	i5	0.5	0.6	1.4	9.3	0.5	0.5	1.3	8.6	98%	93%	94%	92%
				xeon	0.5	0.6	1.5	9.9	0.4	0.6	1.3	8.6	93%	94%	91%	86%
		5	bigint	i5		0.6	1.6	11.2		0.6	1.6	11.2		104%	99%	100%
				xeon		0.6	1.7	12.3		0.6	1.5	12.0		105%	91%	97%
			int	i5		0.6	1.5	10.0		0.5	1.5	9.8		96%	98%	98%
				xeon		0.6	1.5	11.0		0.6	1.5	10.6		95%	96%	97%
		10	bigint	i5		0.6	1.7	11.9		0.6	1.7	12.7		102%	104%	107%
				xeon		0.6	1.7	13.5		0.6	1.7	13.8		102%	99%	102%
			int	i5		0.6	1.6	10.8		0.6	1.6	11.3		99%	101%	105%
				xeon		0.6	1.6	12.2		0.6	1.6	12.4		107%	99%	102%
	indexscan	1	bigint	i5	0.7	1.1	4.4	36.4	0.7	1.1	4.1	33.6	105%	98%	95%	92%
				xeon	1.6	2.0	5.7	38.0	1.7	2.0	5.6	37.2	102%	98%	98%	98%
			int	i5	0.7	1.0	4.2	35.3	0.7	1.1	4.1	32.6	99%	104%	97%	92%
				xeon	1.6	1.9	5.6	37.4	1.6	2.0	5.5	35.9	103%	104%	98%	96%
		5	bigint	i5		1.1	4.9	40.7		1.1	4.6	38.2		102%	94%	94%
				xeon		2.2	7.1	49.8		2.2	7.2	49.0		100%	101%	98%
			int	i5		1.1	4.8	39.4		1.0	4.5	37.3		96%	95%	95%
				xeon		2.1	7.2	49.4		2.1	7.2	47.8		102%	100%	97%
		10	bigint	i5		1.1	5.1	43.4		1.1	4.9	40.7		95%	97%	94%
				xeon		2.2	8.2	55.8		2.3	7.7	57.3		103%	93%	103%
			int	i5		1.1	4.9	43.0		1.2	5.5	39.9		115%	111%	93%
				xeon		2.2	7.8	55.1		2.2	8.0	55.6		96%	103%	101%
100000000	bitmapscan	1	bigint	i5	0.4	0.4	0.7	4.0	0.4	0.4	0.6	2.6	99%	93%	81%	66%
				xeon	0.4	0.4	0.8	4.1	0.4	0.4	0.7	2.8	108%	102%	88%	69%
			int	i5	0.4	0.4	0.7	2.7	0.3	0.4	0.5	1.4	98%	106%	79%	51%
				xeon	0.4	0.4	0.7	2.8	0.4	0.4	0.6	1.5	92%	106%	94%	54%
		5	bigint	i5		0.4	0.8	4.1		0.4	0.6	2.9		101%	84%	71%
				xeon		0.4	0.8	4.3		0.4	0.7	3.1		97%	80%	72%
			int	i5		0.4	0.7	2.9		0.4	0.6	1.7		105%	86%	57%
				xeon		0.4	0.7	2.9		0.4	0.6	1.8		96%	77%	62%
		10	bigint	i5		0.4	0.8	4.1		0.4	0.7	3.1		103%	85%	76%

					xeon		0.5	0.8	4.4		0.4	0.7	3.5		93%	88%	79%
				int	i5		0.4	0.7	2.9		0.4	0.6	1.9		93%	85%	67%
					xeon		0.4	0.7	3.1		0.4	0.6	2.1		105%	82%	69%
		indexonlyscan	1	bigint	i5	0.4	0.4	0.8	4.0	0.4	0.5	0.6	2.6	100%	106%	83%	64%
					xeon	0.4	0.5	0.8	4.1	0.4	0.4	0.7	2.8	106%	94%	88%	69%
				int	i5	0.3	0.4	0.7	2.8	0.4	0.4	0.5	1.4	102%	102%	76%	51%
					xeon	0.3	0.4	0.7	2.7	0.4	0.4	0.6	1.4	110%	87%	81%	53%
			5	bigint	i5		0.4	0.8	4.1		0.4	0.6	2.8		93%	83%	69%
					xeon		0.5	0.8	4.1		0.4	0.7	3.0		83%	88%	73%
				int	i5		0.4	0.6	2.8		0.4	0.5	1.6		99%	83%	57%
					xeon		0.4	0.7	2.7		0.4	0.6	1.7		97%	80%	62%
			10	bigint	i5		0.4	0.8	4.1		0.4	0.7	3.0		94%	85%	74%
					xeon		0.4	0.8	4.2		0.4	0.7	3.3		110%	89%	78%
				int	i5		0.4	0.7	2.9		0.4	0.5	1.8		96%	82%	63%
					xeon		0.4	0.7	2.8		0.4	0.6	2.0		101%	86%	70%
		indexscan	1	bigint	i5	0.3	0.4	0.7	4.1	0.4	0.4	0.6	2.7	107%	107%	83%	66%
					xeon	0.4	0.5	0.8	4.0	0.4	0.4	0.7	2.8	94%	92%	84%	71%
				int	i5	0.4	0.4	0.7	2.8	0.4	0.4	0.5	1.4	96%	101%	79%	51%
					xeon	0.3	0.4	0.7	2.6	0.4	0.4	0.6	1.5	108%	96%	85%	57%
			5	bigint	i5		0.4	0.8	4.2		0.4	0.6	2.9		101%	82%	70%
					xeon		0.4	0.9	4.1		0.4	0.8	3.1		97%	88%	75%
				int	i5		0.4	0.7	3.0		0.4	0.5	1.7		104%	80%	57%
					xeon		0.4	0.8	2.9		0.4	0.6	1.9		103%	76%	64%
			10	bigint	i5		0.4	0.8	4.3		0.4	0.7	3.2		96%	82%	74%
					xeon		0.5	0.9	4.2		0.5	0.7	3.5		95%	82%	82%
				int	i5		0.4	0.7	3.0		0.4	0.6	2.0		107%	83%	65%
					xeon		0.4	0.8	3.1		0.4	0.7	2.2		106%	88%	72%
random	100	bitmapscan	1	bigint	i5	7525.0	10341.0	12088.2		7488.4	10355.2	11809.1		100%	100%	98%	
					xeon	6744.0	10326.9	12299.7		7114.8	10182.5	11735.1		105%	99%	95%	
				int	i5	7760.9	10167.4	12089.7		7411.5	10213.7	11646.8		95%	100%	96%	
					xeon	6659.4	9807.6	12068.7		6708.8	9986.4	11641.3		101%	102%	96%	
			5	bigint	i5		10462.0				10495.7				100%		
					xeon		10777.2				10466.6				97%		
				int	i5		10242.7				10307.7				101%		
					xeon		9848.1				10064.2				102%		
			10	bigint	i5		10509.1				10573.6				101%		
					xeon		10437.3				10474.0				100%		
				int	i5		10331.1				10381.9				100%		
					xeon		10686.2				9909.7				93%		
		indexonlyscan	1	bigint	i5	49.0	458.1	4587.2		49.3	455.5	4546.9		101%	99%	99%	
					xeon	48.8	436.4	4388.8		49.2	420.6	4281.5		101%	96%	98%	
				int	i5	48.8	455.9	4513.7		48.6	452.2	4476.1		100%	99%	99%	
					xeon	51.1	450.8	4455.3		46.9	430.4	4308.2		92%	95%	97%	
			5	bigint	i5		458.1				455.8				99%		
					xeon		447.6				424.8				95%		
				int	i5		455.8				452.5				99%		
					xeon		448.8				430.9				96%		

	scan	n	type	cpu												
		10	bigint	i5		436.1				433.6				99%		
				xeon		425.7				404.6				95%		
			int	i5		433.1				430.0				99%		
				xeon		418.9				409.3				98%		
	indexscan	1	bigint	i5	1209.2	10567.4	103730.4		1201.0	10459.2	102550.2		99%	99%	99%	
				xeon	752.0	5109.3	45997.4		612.3	5304.3	49938.4		81%	104%	109%	
			int	i5	1207.3	10511.7	103266.1		1194.3	10370.7	101940.1		99%	99%	99%	
				xeon	747.0	5594.0	44293.9		753.9	5423.6	44975.5		101%	97%	102%	
		5	bigint	i5		10566.6				10463.8				99%		
				xeon		4079.7				5400.5				132%		
			int	i5		10508.7				10374.4				99%		
				xeon		5487.2				5364.9				98%		
		10	bigint	i5		10287.2				10188.4				99%		
				xeon		4008.5				5234.6				131%		
			int	i5		10231.4				10121.3				99%		
				xeon		3784.4				5322.4				141%		
10000	bitmapscan	1	bigint	i5	20.8	900.7	9982.6	10587.5	19.7	907.8	9750.8	10671.6	95%	101%	98%	101%
				xeon	51.4	1116.1	9350.2	10140.9	58.8	1247.2	9940.9	10666.6	114%	112%	106%	105%
			int	i5	20.9	889.8	9927.9	10444.9	19.7	887.8	9587.4	10485.5	94%	100%	97%	100%
				xeon	56.3	1220.8	9552.7	10761.6	58.4	1226.8	9455.6	10282.5	104%	100%	99%	96%
		5	bigint	i5		928.4	10049.1	10594.4		927.7	9863.6	10686.3		100%	98%	101%
				xeon		1140.9	9289.9	10250.9		1172.1	9799.1	10608.6		103%	105%	103%
			int	i5		911.1	9916.8	10443.5		915.0	9572.6	10489.8		100%	97%	100%
				xeon		1229.9	9855.4	10670.7		1228.3	9754.4	10407.9		100%	99%	98%
		10	bigint	i5		907.3	10157.2	10573.7		918.0	9905.3	10668.0		101%	98%	101%
				xeon		1132.2	9282.8	10207.9		1243.9	9731.9	10639.8		110%	105%	104%
			int	i5		899.8	9837.3	10424.8		891.3	9700.8	10472.6		99%	99%	100%
				xeon		1222.6	10034.7	10780.7		1196.2	9927.0	10299.5		98%	99%	96%
	indexonlyscan	1	bigint	i5	1.0	5.8	49.8	469.2	1.0	5.6	49.3	467.3	98%	97%	99%	100%
				xeon	1.1	5.7	47.9	444.0	1.2	5.7	49.7	434.7	104%	100%	104%	98%
			int	i5	1.0	5.6	48.7	468.0	1.0	5.6	48.6	465.1	102%	100%	100%	99%
				xeon	1.2	5.7	48.3	451.7	1.1	5.7	48.9	431.3	98%	99%	101%	95%
		5	bigint	i5		5.8	50.0	475.0		5.8	50.2	475.2		99%	101%	100%
				xeon		5.7	48.2	449.1		5.8	50.3	446.6		103%	104%	99%
			int	i5		5.8	49.2	471.1		5.7	49.3	470.7		99%	100%	100%
				xeon		5.7	49.1	459.5		5.8	49.6	458.4		101%	101%	100%
		10	bigint	i5		5.8	50.3	473.8		5.7	50.2	474.4		99%	100%	100%
				xeon		5.7	48.9	452.2		5.8	48.3	448.4		102%	99%	99%
			int	i5		5.7	49.5	471.1		5.7	49.1	470.5		100%	99%	100%
				xeon		5.8	49.2	461.2		5.7	50.3	459.8		100%	102%	100%
	indexscan	1	bigint	i5	38.2	304.6	2287.4	21727.1	38.0	299.8	2244.0	21264.9	99%	98%	98%	98%
				xeon	53.2	289.0	1121.5	8951.3	46.4	239.0	891.4	9285.9	87%	83%	79%	104%
			int	i5	38.3	305.8	2292.4	21730.8	37.7	298.9	2239.2	21214.1	99%	98%	98%	98%
				xeon	46.8	238.8	880.7	7003.9	47.0	238.0	892.3	9300.4	101%	100%	101%	133%
		5	bigint	i5		306.7	2281.6	21673.5		301.5	2238.5	21303.0		98%	98%	98%
				xeon		288.0	1112.2	8997.3		239.6	890.2	6768.3		83%	80%	75%
			int	i5		306.8	2284.5	21691.2		300.4	2233.8	21251.0		98%	98%	98%

count	scan	n	type	cpu												
				xeon		240.2	885.0	6995.4		237.8	893.8	7000.3		99%	101%	100%
		10	bigint	i5		309.3	2283.2	21693.0		303.1	2235.6	21241.5		98%	98%	98%
				xeon		288.2	1113.8	8945.1		240.4	1107.9	9279.1		83%	99%	104%
			int	i5		309.3	2283.5	21736.3		303.7	2227.5	21228.4		98%	98%	98%
				xeon		239.7	886.5	6955.1		239.2	895.9	7004.8		100%	101%	101%
1000000	bitmapscan	1	bigint	i5	0.8	3.4	24.7	921.4	0.7	3.3	23.2	926.6	97%	97%	94%	101%
				xeon	1.3	6.7	50.2	1205.7	1.3	7.8	57.3	1152.6	101%	117%	114%	96%
			int	i5	0.7	3.4	24.3	908.5	0.7	3.3	23.1	907.5	97%	98%	95%	100%
				xeon	1.3	6.7	49.5	1205.4	1.3	7.8	58.0	1126.4	101%	116%	117%	93%
		5	bigint	i5		3.4	24.5	926.3		3.2	23.4	931.1		94%	96%	101%
				xeon		7.0	50.7	1209.9		7.8	58.7	1146.2		111%	116%	95%
			int	i5		3.4	24.2	909.9		3.3	23.3	912.6		97%	96%	100%
				xeon		6.8	51.3	1204.5		7.7	54.9	1125.7		114%	107%	93%
		10	bigint	i5		3.4	24.0	923.1		3.4	23.3	933.0		99%	97%	101%
				xeon		7.0	50.9	1208.9		7.7	58.5	1151.3		110%	115%	95%
			int	i5		3.4	24.2	912.9		3.2	23.3	912.7		96%	96%	100%
				xeon		6.9	47.2	1206.1		8.1	57.8	1123.2		118%	122%	93%
	indexonlyscan	1	bigint	i5	0.4	0.6	1.6	10.8	0.4	0.6	1.5	10.3	102%	102%	97%	95%
				xeon	0.4	0.6	1.8	11.8	0.5	0.7	1.7	10.2	107%	111%	97%	87%
			int	i5	0.4	0.6	1.5	9.8	0.4	0.6	1.4	9.1	98%	99%	95%	93%
				xeon	0.4	0.6	1.7	10.5	0.4	0.7	1.6	8.8	99%	108%	93%	83%
		5	bigint	i5		0.6	1.8	12.4		0.6	1.8	12.5		101%	99%	101%
				xeon		0.7	2.0	13.5		0.7	2.1	12.6		110%	106%	93%
			int	i5		0.6	1.7	11.3		0.6	1.7	11.3		103%	101%	100%
				xeon		0.6	1.9	12.3		0.7	1.9	11.0		111%	100%	89%
		10	bigint	i5		0.6	2.0	13.8		0.7	2.1	14.8		108%	104%	107%
				xeon		0.7	2.1	14.6		0.7	2.4	14.2		106%	114%	98%
			int	i5		0.6	1.9	12.7		0.6	1.9	13.4		101%	102%	105%
				xeon		0.6	2.0	13.4		0.7	2.2	12.6		120%	111%	94%
	indexscan	1	bigint	i5	1.0	5.2	40.9	326.9	1.0	5.3	39.6	317.0	95%	102%	97%	97%
				xeon	1.6	7.3	51.0	247.6	1.8	8.7	49.1	299.3	113%	118%	96%	121%
			int	i5	1.0	5.4	40.7	327.2	1.0	5.3	39.8	314.4	93%	98%	98%	96%
				xeon	1.6	7.3	55.7	242.6	1.7	8.7	49.0	297.0	111%	119%	88%	122%
		5	bigint	i5		5.4	41.3	325.7		5.4	40.6	320.0		100%	98%	98%
				xeon		7.4	56.7	249.6		8.7	50.5	300.8		117%	89%	121%
			int	i5		5.5	40.7	325.3		5.4	40.7	316.4		98%	100%	97%
				xeon		7.2	56.3	247.8		8.7	54.0	300.6		120%	96%	121%
		10	bigint	i5		5.4	40.9	328.7		5.4	40.7	318.6		101%	100%	97%
				xeon		7.4	56.5	249.6		8.7	51.1	300.5		117%	90%	120%
			int	i5		5.4	40.9	325.9		5.4	40.6	320.9		101%	99%	98%
				xeon		7.4	56.4	247.5		8.5	49.9	301.1		115%	89%	122%
100000000	bitmapscan	1	bigint	i5	0.4	0.5	1.0	6.3	0.4	0.5	0.9	4.9	107%	102%	89%	79%
				xeon	0.4	0.6	1.8	11.2	0.4	0.6	1.6	10.5	97%	99%	91%	93%
			int	i5	0.4	0.5	0.9	5.1	0.4	0.4	0.8	3.7	95%	93%	86%	72%
				xeon	0.3	0.5	1.6	9.2	0.3	0.5	1.5	9.2	100%	103%	95%	100%
		5	bigint	i5		0.4	1.1	6.3		0.5	0.9	5.1		109%	88%	82%
				xeon		0.5	1.8	11.6		0.6	1.7	10.6		109%	96%	92%

				int	i5		0.4	1.0	5.2		0.5	0.9	3.9		104%	87%	74%
					xeon		0.5	1.6	9.3		0.5	1.6	9.6		103%	99%	104%
			10	bigint	i5		0.5	1.1	6.6		0.5	1.0	5.5		104%	92%	83%
					xeon		0.5	1.8	11.8		0.6	1.7	11.1		115%	94%	94%
				int	i5		0.5	1.0	5.3		0.4	0.9	4.2		99%	89%	79%
					xeon		0.4	1.6	9.5		0.5	1.6	9.8		113%	99%	103%
		indexonlyscan	1	bigint	i5	0.4	0.5	0.8	4.2	0.4	0.5	0.7	2.8	104%	96%	87%	68%
					xeon	0.4	0.5	0.9	4.3	0.4	0.5	0.8	3.1	99%	98%	86%	70%
				int	i5	0.4	0.5	0.7	3.0	0.3	0.4	0.6	1.6	92%	96%	79%	54%
					xeon	0.3	0.4	0.8	3.0	0.3	0.5	0.6	1.7	97%	103%	82%	59%
			5	bigint	i5		0.5	0.8	4.3		0.5	0.7	3.1		103%	87%	72%
					xeon		0.5	0.9	4.5		0.4	0.8	3.4		88%	90%	74%
				int	i5		0.5	0.7	3.1		0.4	0.6	1.8		95%	80%	59%
					xeon		0.4	0.7	3.0		0.5	0.6	2.0		105%	88%	67%
			10	bigint	i5		0.5	0.8	4.3		0.5	0.8	3.2		107%	90%	75%
					xeon		0.4	0.9	4.5		0.5	0.8	3.6		109%	85%	80%
				int	i5		0.5	0.8	3.1		0.4	0.6	2.0		88%	84%	64%
					xeon		0.5	0.7	3.1		0.4	0.7	2.3		94%	89%	73%
		indexscan	1	bigint	i5	0.4	0.5	1.3	8.4	0.4	0.6	1.1	7.6	108%	106%	89%	90%
					xeon	0.4	0.7	2.2	11.6	0.4	0.7	2.0	10.7	94%	103%	91%	92%
				int	i5	0.4	0.5	1.1	7.5	0.3	0.5	1.0	6.4	89%	97%	89%	85%
					xeon	0.4	0.5	1.8	9.4	0.4	0.6	2.0	9.7	116%	115%	106%	103%
			5	bigint	i5		0.5	1.4	10.0		0.5	1.0	7.7		109%	73%	76%
					xeon		0.7	2.2	11.8		0.7	2.1	11.1		100%	99%	94%
				int	i5		0.5	1.2	7.6		0.5	0.9	6.7		97%	77%	87%
					xeon		0.6	1.8	9.3		0.6	2.0	9.7		102%	109%	104%
			10	bigint	i5		0.5	1.4	9.6		0.5	1.2	8.2		106%	91%	86%
					xeon		0.6	2.2	11.5		0.6	2.1	11.4		100%	97%	99%
				int	i5		0.5	1.3	8.8		0.5	1.2	6.0		94%	92%	68%
					xeon		0.5	1.9	9.5		0.6	2.1	10.1		113%	112%	106%
sequential	100	bitmapscan	1	bigint	i5	76.1	742.3	11665.0		76.1	738.9	11416.0		100%	100%	98%	
					xeon	88.1	797.8	10938.1		82.4	801.6	11006.3		94%	100%	101%	
				int	i5	76.5	742.3	11685.6		75.8	736.9	11343.3		99%	99%	97%	
					xeon	88.4	864.5	11080.9		88.7	871.5	10867.1		100%	101%	98%	
			5	bigint	i5		740.2				738.4				100%		
					xeon		799.0				804.6				101%		
				int	i5		740.3				737.0				100%		
					xeon		865.7				861.3				99%		
			10	bigint	i5		759.9				756.6				100%		
					xeon		771.0				772.5				100%		
				int	i5		763.2				705.6				92%		
					xeon		825.1				824.4				100%		
		indexonlyscan	1	bigint	i5	47.3	448.4	4571.4		47.2	443.1	4533.7		100%	99%	99%	
					xeon	49.4	430.6	4289.6		45.5	419.1	4235.3		92%	97%	99%	
				int	i5	46.7	444.5	4498.4		46.6	437.7	4457.3		100%	98%	99%	
					xeon	48.2	445.2	4342.4		46.4	431.5	4166.3		96%	97%	96%	
			5	bigint	i5		447.8				443.6				99%		

				xeon		424.7				418.8				99%		
			int	i5		443.3				438.3				99%		
				xeon		447.2				433.1				97%		
		10	bigint	i5		428.8				424.9				99%		
				xeon		404.6				398.2				98%		
			int	i5		425.0				417.2				98%		
				xeon		424.8				411.6				97%		
	indexscan	1	bigint	i5	104.7	1015.9	9535.5		105.0	1021.3	9624.7		100%	101%	101%	
				xeon	115.3	1036.1	10191.2		109.4	1013.2	9990.7		95%	98%	98%	
			int	i5	104.4	1014.6	9545.0		105.2	1016.6	9625.1		101%	100%	101%	
				xeon	113.0	1063.5	9741.2		113.0	1057.5	9899.8		100%	99%	102%	
		5	bigint	i5		995.7				1014.9				102%		
				xeon		986.0				991.5				101%		
			int	i5		985.9				1006.5				102%		
				xeon		1050.8				1049.9				100%		
		10	bigint	i5		936.7				944.3				101%		
				xeon		925.4				944.0				102%		
			int	i5		934.9				924.6				99%		
				xeon		995.5				994.3				100%		
10000	bitmapscan	1	bigint	i5	1.2	8.5	78.5	763.1	1.2	8.5	78.7	757.5	97%	100%	100%	99%
				xeon	1.3	9.5	84.2	805.1	1.4	10.1	89.8	874.8	105%	106%	107%	109%
			int	i5	1.2	8.5	78.5	770.6	1.2	8.3	78.4	767.4	97%	97%	100%	100%
				xeon	1.3	9.7	83.5	838.5	1.4	9.4	90.1	853.2	102%	97%	108%	102%
		5	bigint	i5		8.5	78.9	766.3		8.6	79.0	762.1		101%	100%	99%
				xeon		9.4	87.8	828.2		10.6	93.9	882.8		112%	107%	107%
			int	i5		8.6	78.8	773.2		8.5	78.4	772.9		98%	99%	100%
				xeon		9.6	85.5	835.8		10.0	92.2	878.8		104%	108%	105%
		10	bigint	i5		8.6	79.7	766.7		8.6	79.0	764.2		99%	99%	100%
				xeon		9.7	85.3	844.1		9.9	94.1	855.2		102%	110%	101%
			int	i5		8.6	80.9	776.1		8.6	78.6	773.8		100%	97%	100%
				xeon		9.3	89.9	860.8		10.2	94.1	911.4		109%	105%	106%
	indexonlyscan	1	bigint	i5	0.9	5.3	47.8	456.5	0.9	5.3	47.1	459.8	99%	99%	98%	101%
				xeon	0.9	5.3	47.3	431.4	0.9	5.2	48.0	439.4	92%	98%	102%	102%
			int	i5	0.9	5.3	48.0	451.3	0.9	5.2	46.2	448.6	101%	98%	96%	99%
				xeon	0.9	5.3	47.5	444.1	0.9	5.1	46.7	442.0	94%	96%	98%	100%
		5	bigint	i5		5.3	48.6	458.4		5.3	47.7	464.5		99%	98%	101%
				xeon		5.3	47.9	443.1		5.2	49.8	441.8		98%	104%	100%
			int	i5		5.3	48.1	454.7		5.2	46.9	453.6		99%	97%	100%
				xeon		5.3	47.7	460.4		5.1	48.8	440.1		97%	102%	96%
		10	bigint	i5		5.3	48.5	458.6		5.3	48.0	464.2		100%	99%	101%
				xeon		5.3	47.8	464.1		5.2	49.6	460.8		98%	104%	99%
			int	i5		5.3	48.5	452.5		5.3	46.8	453.0		98%	97%	100%
				xeon		5.3	48.1	464.1		5.2	48.9	441.6		97%	101%	95%
	indexscan	1	bigint	i5	1.6	11.4	103.2	1010.0	1.6	11.5	102.3	1009.2	100%	101%	99%	100%
				xeon	1.8	13.2	110.5	1009.3	1.9	13.6	115.3	1063.9	105%	103%	104%	105%
			int	i5	1.6	11.4	103.8	1002.2	1.6	11.3	103.2	1012.5	106%	100%	99%	101%
				xeon	1.8	12.8	108.1	1045.7	2.0	13.8	114.4	1046.9	109%	108%	106%	100%

rows	operation	parallelism	type	cpu												
		5	bigint	i5		11.6	106.0	999.3		11.8	106.1	1027.3		101%	100%	103%
				xeon		13.0	111.9	996.6		14.3	118.6	1102.7		110%	106%	111%
			int	i5		11.7	105.7	1002.7		11.7	106.9	1032.8		100%	101%	103%
				xeon		12.9	109.7	1023.4		13.1	111.2	1081.5		102%	101%	106%
		10	bigint	i5		11.4	105.5	984.2		11.7	106.8	1025.5		103%	101%	104%
				xeon		13.0	110.0	1029.0		13.7	117.9	1025.2		105%	107%	100%
			int	i5		11.7	105.2	1000.5		11.6	106.5	1016.5		99%	101%	102%
				xeon		12.9	109.1	1025.7		14.1	116.4	1086.7		110%	107%	106%
1000000	bitmapscan	1	bigint	i5	0.4	0.5	1.5	11.9	0.4	0.5	1.4	10.3	96%	100%	92%	87%
				xeon	0.4	0.5	1.7	13.3	0.4	0.5	1.6	11.7	98%	96%	95%	88%
			int	i5	0.4	0.5	1.4	10.5	0.4	0.5	1.3	9.2	104%	101%	92%	88%
				xeon	0.4	0.5	1.6	11.9	0.4	0.6	1.5	10.7	96%	107%	94%	89%
		5	bigint	i5		0.6	1.8	13.9		0.6	1.7	12.9		101%	94%	92%
				xeon		0.6	2.1	16.2		0.7	2.0	17.0		115%	95%	105%
			int	i5		0.5	1.6	12.5		0.5	1.6	11.7		101%	97%	94%
				xeon		0.6	2.0	16.4		0.6	2.0	15.2		104%	99%	93%
		10	bigint	i5		0.6	1.9	14.6		0.6	1.8	14.1		102%	97%	96%
				xeon		0.6	2.2	18.4		0.6	2.2	19.2		109%	102%	104%
			int	i5		0.5	1.7	13.3		0.5	1.7	13.0		102%	100%	98%
				xeon		0.6	2.1	17.4		0.6	2.1	17.0		99%	100%	98%
	indexonlyscan	1	bigint	i5	0.4	0.5	1.3	8.8	0.4	0.5	1.1	7.3	109%	104%	88%	83%
				xeon	0.4	0.5	1.3	8.9	0.4	0.5	1.1	7.3	93%	100%	91%	83%
			int	i5	0.4	0.5	1.1	7.3	0.4	0.5	1.0	6.0	100%	102%	90%	82%
				xeon	0.4	0.5	1.2	7.8	0.4	0.5	1.1	6.4	95%	85%	88%	83%
		5	bigint	i5		0.5	1.4	9.5		0.5	1.3	8.6		105%	92%	90%
				xeon		0.5	1.4	9.6		0.5	1.3	8.8		93%	93%	91%
			int	i5		0.5	1.2	8.0		0.5	1.1	7.2		101%	94%	90%
				xeon		0.5	1.3	8.7		0.5	1.2	8.2		103%	94%	94%
		10	bigint	i5		0.5	1.4	10.1		0.5	1.4	9.8		105%	99%	97%
				xeon		0.6	1.5	10.3		0.6	1.4	10.3		106%	94%	100%
			int	i5		0.5	1.3	8.6		0.5	1.3	8.4		103%	97%	98%
				xeon		0.5	1.4	9.6		0.5	1.4	9.9		101%	102%	103%
	indexscan	1	bigint	i5	0.4	0.6	1.8	14.5	0.4	0.6	1.7	12.6	96%	101%	92%	87%
				xeon	0.4	0.6	2.1	15.7	0.4	0.6	2.1	13.9	90%	98%	98%	88%
			int	i5	0.4	0.5	1.7	12.8	0.4	0.5	1.6	11.3	100%	99%	96%	88%
				xeon	0.4	0.6	2.1	14.3	0.4	0.6	2.0	13.1	101%	103%	93%	92%
		5	bigint	i5		0.7	2.3	17.7		0.6	2.0	18.5		93%	89%	104%
				xeon		0.7	2.9	19.9		0.7	2.8	19.1		104%	97%	96%
			int	i5		0.6	2.0	15.1		0.6	2.0	15.2		106%	100%	101%
				xeon		0.7	2.8	19.3		0.6	2.6	17.8		91%	96%	92%
		10	bigint	i5		0.6	2.3	17.7		0.6	2.2	17.5		101%	94%	99%
				xeon		0.8	3.1	19.8		0.8	3.1	21.2		104%	102%	107%
			int	i5		0.6	1.9	16.9		0.6	2.1	16.8		104%	106%	99%
				xeon		0.7	3.3	20.0		0.7	3.1	19.9		96%	94%	100%
100000000	bitmapscan	1	bigint	i5	0.3	0.4	0.7	4.0	0.4	0.5	0.6	2.6	108%	112%	82%	67%
				xeon	0.4	0.4	0.8	4.1	0.3	0.4	0.7	2.9	86%	100%	83%	69%
			int	i5	0.4	0.4	0.7	2.8	0.4	0.4	0.5	1.4	104%	102%	80%	50%

scan	num	type	cpu												
			xeon	0.4	0.4	0.7	2.8	0.3	0.4	0.5	1.5	95%	101%	74%	52%
	5	bigint	i5		0.4	0.8	4.1		0.4	0.6	2.9		106%	86%	71%
			xeon		0.4	0.8	4.4		0.4	0.7	3.1		91%	82%	72%
		int	i5		0.4	0.7	2.9		0.4	0.6	1.7		110%	83%	58%
			xeon		0.4	0.7	3.0		0.4	0.6	1.8		100%	77%	60%
	10	bigint	i5		0.4	0.8	4.1		0.4	0.7	3.1		99%	89%	76%
			xeon		0.4	0.8	4.4		0.4	0.7	3.5		111%	92%	79%
		int	i5		0.4	0.7	3.0		0.4	0.6	1.9		103%	88%	65%
			xeon		0.4	0.8	3.1		0.4	0.7	2.1		99%	86%	69%
indexonlyscan	1	bigint	i5	0.4	0.4	0.8	4.0	0.4	0.5	0.6	2.6	105%	109%	82%	65%
			xeon	0.4	0.4	0.8	4.1	0.4	0.4	0.7	2.8	105%	102%	85%	68%
		int	i5	0.3	0.4	0.7	2.8	0.4	0.4	0.5	1.4	108%	102%	80%	52%
			xeon	0.3	0.4	0.7	2.7	0.4	0.4	0.5	1.5	104%	105%	73%	54%
	5	bigint	i5		0.4	0.8	4.1		0.5	0.6	2.8		115%	85%	69%
			xeon		0.4	0.8	4.2		0.4	0.7	3.0		98%	82%	72%
		int	i5		0.4	0.7	2.9		0.4	0.5	1.6		111%	83%	55%
			xeon		0.4	0.7	2.8		0.4	0.6	1.7		94%	82%	59%
	10	bigint	i5		0.4	0.8	4.1		0.4	0.7	3.1		102%	88%	74%
			xeon		0.4	0.8	4.2		0.4	0.7	3.3		96%	85%	79%
		int	i5		0.4	0.7	2.9		0.4	0.6	1.8		95%	84%	63%
			xeon		0.4	0.7	2.9		0.4	0.6	2.0		102%	79%	68%
indexscan	1	bigint	i5	0.4	0.4	0.8	4.1	0.4	0.4	0.6	2.7	103%	108%	81%	66%
			xeon	0.3	0.4	0.8	4.0	0.4	0.4	0.6	2.8	108%	100%	78%	70%
		int	i5	0.4	0.4	0.7	2.9	0.4	0.4	0.5	1.5	101%	107%	81%	51%
			xeon	0.3	0.4	0.8	2.6	0.4	0.4	0.6	1.5	114%	101%	79%	58%
	5	bigint	i5		0.4	0.8	4.3		0.4	0.6	2.9		107%	82%	69%
			xeon		0.4	0.8	4.2		0.4	0.7	3.1		92%	83%	76%
		int	i5		0.4	0.7	3.0		0.4	0.5	1.7		109%	82%	58%
			xeon		0.4	0.8	2.9		0.4	0.6	1.9		101%	74%	66%
	10	bigint	i5		0.4	0.8	4.4		0.4	0.7	3.2		107%	88%	74%
			xeon		0.4	0.9	4.3		0.4	0.8	3.5		98%	88%	81%
		int	i5		0.4	0.7	3.1		0.4	0.6	2.0		103%	84%	64%
			xeon		0.4	0.8	3.1		0.4	0.6	2.1		100%	85%	68%