

Index Fragmentation

The Index Fragmentation report shows the most fragmented indexes for your database. You can use the Fragmented Indexes Advisor to defragment these indexes.

Contractions and the second se	y Steve Stedman (@SqlEmt) evaluation cop	oy, unlicensed (e	xpires Satu	irday, Dec	ember 01, 2012)		_		- O X
Connect Debug	Index Fragmentation Fo	r Adventur	eWork	s2012					
Server Health									
i xps420∖sql12								_	
🗄 master			Clustered	Nol ockDe	emo				
i tempdb	PK JobCandidate	lobCandidateID							
🗄 model	IX BillOfMaterials UnitM	-	-						
⊞ msdb			ID O						
ReportServer\$SQL12	AK_BillOfMaterials_	ProductAssembly	ID_Compo	nentID_Sta	irtDate				
ReportServer\$SQL12Ten									
tsql2012	IX_TransactionHistoryArc	hive_ProductD							
Output Demo	_WorkOrder_ProductID								
output_demo	IX_TransactionHistoryArch	ive_ReferenceOr	derID_Refe	renceOrde	rLinelØ				
i analytics_demo i demo	IX TransactionHistory Pro	ductID							
i demo2	IX_Person_LastName_First	Name MiddleNan	ne						
i cte demo	IX TransactionHistory Refer	-		erl inelD					
AdventureWorks2012	AK_SalesOrderDetail_rowguid		0.0.000010						
Backups	PK SalesOrderHeader_SalesO	rdorlD							
CPU by Query		Identi							
Connections	PK_Address_AddressID								
Disk Space	IX_SalesOrderDetail_ProductID								
Index Duplicates	PK_vorkOrder_WorkOrderID								
Index Fragmentation	<u> </u>	\langle				/			
Long Running	0 3	20		40	60				80
Needs Parameters									
One Time Use Queries									
Page Reads by Query	IndexName	Fragmentation	Size	Used	Table	Туре	PK	Uniq	
 Page Writes by Query Plan Cache 	Clustered NoLockDemo	70.7%	8.7MB	8.3MB	[dbo].[NoLockDemo]	Clustered	N	N	
SPs by Logical Writes	PK JobCandidate JobCandidateID	36.4%	216kb	144kb	[HumanResources].[JobCandidate]	Clustered	Y	N	
- Statistics	AK ProductDescription rowquid	33.3%	88.0kb	40.0kb	[Production].[ProductDescription]	Non-Clust	N	N	
Unused Indexes	IX BillOfMaterials UnitMeasureCode	30.0%	136kb	96.0kb	[Production].[BillOfMaterials]	Non-Clust.	N	N	
⊕ pivot	PK DatabaseLog DatabaseLogID	25.0%	88.0kb	48.0kb	[dbo].[DatabaseLog]	Non-Clust	Y	N	
reports_demo	PK_Product_ProductID	15.4%	136kb	120kb	[Production].[Product]	Clustered	Ŷ	N	
Elepoits_dono	AK_BillOfMaterials_ProductAssemblyID	15.0%	200kb	176kb	[Production].[BillOfMaterials]	Clustered	Ň	N	
	IX PurchaseOrderDetail ProductID	15.0%	200kb	176kb	[Purchasing].[PurchaseOrderDetail]	Non-Clust.	N	N	
								N	
		8.9%	1.3MB	1 4MR	[Production] [TransactionHistoryA	Non-Clust	N		
	IX_TransactionHistoryArchive_ProductID	8.9% 8.6%	1.3MB 1.1MB	1.4MB 1.1MB	[Production].[TransactionHistoryA [Production] [WorkOrder]	Non-Clust.	N		
	IX_TransactionHistoryArchive_ProductID IX_WorkOrder_ProductID	8.6%	1.1MB	1.1MB	[Production].[WorkOrder]	Non-Clust.	Ν	Ν	
	IX_TransactionHistoryArchive_ProductID								

Fragmented indexes waste disk space, memory, increase backup size, and slow down index access times. Defragmenting the largest indexes should be a priority if you are looking for optimal performance.