

	NL	SCH-S	SCH-M	S	U	X	IS	IU	IX	SIU	SIX	UIX	BU	RS-S	RS-U	RI-N	RI-S	RI-U	RI-X	RX-S	RX-U	RX-X
NL																						
SCH-S																						
SCH-M																						
S																						
U																						
X																						
IS																						
IU																						
IX																						
SIU																						
SIX																						
UIX																						
BU																						
RS-S																						
RS-U																						
RI-N																						
RI-S																						
RI-U																						
RI-X																						
RX-S																						
RX-U																						
RX-X																						

SQL Server
Lock Compatibility Chart

Compatible

Incompatible

Illegal

- | | | | | | |
|-------|--------------------------|------|------------------------------|------|---------------------------|
| NL | No Lock | IX | Intent Exclusive | RI-S | Insert Range-Shared |
| SCH-S | Schema Stability Lock | SIU | Share with Intent Update | RI-U | Insert Range-Update |
| SCH-M | Schema Modification Lock | SIX | Share with Intent Exclusive | RI-X | Insert Range-Exclusive |
| S | Shared | UIX | Update with Intent Exclusive | RX-S | Exclusive Range-Shared |
| U | Update | BU | Bulk Update | RX-U | Exclusive Range-Update |
| X | Exclusive | RS-S | Shared Range-Shared | RX-X | Exclusive Range-Exclusive |
| IS | Intent Shared | RS-U | Shared Range-Update | | |
| IU | Intent Update | RI-N | Insert Range-Null | | |