.NET Version	CLR Version	IDE Released	Release Date	Key Features
.NET 1.0	1.0	Visual Studio .NET	13-Feb-2002	- DLL libraries - Support for object oriented web app dev
.NET 1.1	1.1	Visual Studio .NET 2003	24-Apr-2003	- Enhancements to ASP.NET and ADO.NET - Support for built-in mobile ASP.NET controls - Security enhancement for WinForm, ASP.NET - Support for ODBC and other databases - Support for IPV6 (Internet Protocol Version 6) - .NET Compact Framework for small devices
.NET 2.0	2.0	Visual Studio 2005	07-Nov-2005	- Generics - Generic collections - Partial class - Nullable types - Anonymous methods - Iterators - Data tables - Membership providers - New controls and features for ASP.NET - Support for 64-bit computing - Microsoft SQL Server integration - .NET Micro Framework for SPOT
.NET 3.0	2.0	Visual Studio 2005	06-Nov-2006	- WPF (Windows Presentation Foundation - WCF (Windows Communication Foundation - WWF (Windows Workflow Foundation) - Windows CardSpace
.NET 3.5	2.0	Visual Studio 2008	19-Nov-2007	- LINQ - Dynamic data - AJAX support - Multi targeting framework
.NET 4.0	4.0	Visual Studio 2010	12-Apr-2010	- MEF (Managed Extensibility Framework) - DLR (Dynamic Language Runtime) - Task parallel library - Support for Coe Contracts
.NET 4.5	4.0	Visual Studio 2012	15-Aug-2012	- CLR 4.0 enhanced - Built-in support to Async - Support for Windows Store (Metro) app dev - WPF, WCF, WWF enhanced - ASP.NET support enhanced - Native support for Zip compression
.NET 4.5.1	4.0	Visual Studio 2013	17-Oct-2013	- Support for automatic binding redirection - Improvements towards performance, debugging - Expanded support for Windows Store app dev

.NET 4.5.2	4.0	Visual Studio 2013	05-May-2014	- Improvements for high DPI scenarios - Higher reliability HTTP header inspection
.NET 4.6	4.0	Visual Studio 2015	20-Jul-2015	- A new JIT compiler named RyuJIT, for 64-bit - Support for code page encodings - Open source .NET framework packages - Event tracing improvements - Support for TLS 1.1 and TLS 1.2
.NET 4.6.1	4.0	Visual Studio 2015 Update 1	17-Nov-2015	- WPF improvements for spell check - Enhanced support for Digital Signature algo - Support for always ON SQL connectivity - Distributed transactions in Azure SQL database - Performance, stability, reliability improvements
.NET 4.6.2 (Preview)	4.0			- TLS 1.1 and TLS 1.2 support for ClickOnce - Support for additional cryptographic standards - Soft keyboard, per monitor DPI support for WPF