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# Windows Virtual-Key Codes

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The following table shows the symbolic constant names, hexadecimal values, and keyboard (or mouse) equivalents for the virtual-key codes used by the Microsoft Windows operating system version 3.1. The codes are listed in numeric order. Use these codes with the **AddAccelerator** and **RemoveAccelerator** macros.

Symbolic constant name	Hexadecimal value	Keyboard (or mouse) equivalent
VK_LBUTTON	01	Left mouse button
VK_RBUTTON	02	Right mouse button
VK_CANCEL	03	Used for control-break processing
VK_MBUTTON	04	Middle mouse button (three-button mouse)
—	05-07	Undefined
VK_BACK	08	BACKSPACE key
VK_TAB	09	TAB key

–	0A-0B	Undefined
VK_CLEAR	0C	CLEAR key
VK_RETURN	0D	RETURN key
–	0E-0F	Undefined
VK_SHIFT	10	SHIFT key
VK_CONTROL	11	CTRL key
VK_MENU	12	ALT key
VK_PAUSE	13	PAUSE key
VK_CAPITAL	14	CAPITAL key



Symbolic constant name	Hexadecimal value	Keyboard (or mouse) equivalent
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–	15-19	Reserved for Kanji systems
–	1A	Undefined
VK_ESCAPE	1B	ESC key
–	1C-1F	Reserved for Kanji systems
VK_SPACE	20	SPACEBAR
VK_PRIOR	21	PAGE UP key
VK_NEXT	22	PAGE DOWN key
VK_END	23	END key
VK_HOME	24	HOME key

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VK_LEFT	25	Appendix A LEFT ARROW key
VK_UP	26	UP ARROW key
VK_RIGHT	27	RIGHT ARROW key
VK_DOWN	28	DOWN ARROW key
VK_SELECT	29	SELECT key
–	2A	OEM specific
VK_EXECUTE	2B	EXECUTE key
VK_SNAPSHOT	2C	PRINT SCREEN key for Windows version 3.0 or later
VK_INSERT	2D	INS key
VK_DELETE	2E	DEL key

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VK_HELP	2F	HELP key
VK_0	30	0 key
VK_1	31	1 key
VK_2	32	2 key
VK_3	33	3 key
VK_4	34	4 key
VK_5	35	5 key
VK_6	36	6 key
VK_7	37	7 key

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VK_8	38	8 key	
		<b>Appendix A</b>	<b>A-7</b>
VK_9	39	9 key	
–	3A-40	Undefined	

Symbolic constant name	Hexadecimal value	Keyboard (or mouse) equivalent
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VK_A	41	A key
VK_B	42	B key
VK_C	43	C key
VK_D	44	D key
VK_E	45	E key
VK_F	46	F key
VK_G	47	G key
VK_H	48	H key
VK_I	49	I key



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VK	Key	Appendix A	
		A-9	
VK_J	4A	J key	
VK_K	4B	K key	
VK_L	4C	L key	
VK_M	4D	M key	
VK_N	4E	N key	
VK_O	4F	O key	
VK_P	50	P key	
VK_Q	51	Q key	
VK_R	52	R key	
VK_S	53	S key	

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VK_T	54	T key
VK_U	55	U key
VK_V	56	V key
VK_W	57	W key
VK_X	58	X key
VK_Y	59	Y key
VK_Z	5A	Z key
–	5B-5F	Undefined
VK_NUMPAD0	60	Numeric keypad 0 key

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VK_NUMPAD1	61	Numeric keypad 1 key
<b>Appendix A    A-11</b>		
VK_NUMPAD2	62	Numeric keypad 2 key
VK_NUMPAD3	63	Numeric keypad 3 key

Symbolic constant name	Hexadecimal value	Keyboard (or mouse) equivalent
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VK_NUMPAD4	64	Numeric keypad 4 key
VK_NUMPAD5	65	Numeric keypad 5 key
VK_NUMPAD6	66	Numeric keypad 6 key
VK_NUMPAD7	67	Numeric keypad 7 key
VK_NUMPAD8	68	Numeric keypad 8 key
VK_NUMPAD9	69	Numeric keypad 9 key
VK_MULTIPLY	6A	Multiply key
VK_ADD	6B	Add key
VK_SEPARATOR	6C	Separator key

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VK_SUBTRACT	6D	Appendix A Subtract key	A-13
VK_DECIMAL	6E	Decimal key	
VK_DIVIDE	6F	Divide key	
VK_F1	70	F1 key	
VK_F2	71	F2 key	
VK_F3	72	F3 key	
VK_F4	73	F4 key	
VK_F5	74	F5 key	
VK_F6	75	F6 key	
VK_F7	76	F7 key	

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VK_F8	77	F8 key
VK_F9	78	F9 key
VK_F10	79	F10 key
VK_F11	7A	F11 key
VK_F12	7B	F12 key
VK_F13	7C	F13 key
VK_F14	7D	F14 key
VK_F15	7E	F15 key
VK_F16	7F	F16 key

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VK_F17	80	F17 key
<b>Appendix A    A-15</b>		
VK_F18	81	F18 key
VK_F19	82	F19 key

Symbolic constant name	Hexadecimal value	Keyboard (or mouse) equivalent
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VK_F20	83	F20 key
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VK_F21	84	F21 key
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VK_F22	85	F22 key
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VK_F23	86	F23 key
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VK_F24	87	F24 key
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—	88-8F	Unassigned
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VK_NUMLOCK	90	NUM LOCK key
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VK_SCROLL	91	SCROLL LOCK key
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—	92-B9	Unassigned
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–	BA-C0	Appendix A OEM specific	A-17
–	C1-DA	Unassigned	
–	DB-E4	OEM specific	
–	E5	Unassigned	
–	E6	OEM specific	
–	E7-E8	Unassigned	
–	E9-F5	OEM specific	
–	F6-FE	Unassigned	

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