

Cont.	Type	Usage	Key Operations	Supports emplace?
vector	Sequential	Dynamic array, fast access	push_back, pop_back, insert, erase, sort, reverse	Yes
list	Sequential	Doubly linked list	push_back, push_front, insert, erase, sort, reverse	Yes
deque	Sequential	Double-ended queue	push_back, push_front, pop_back, pop_front	Yes
stack	Adaptor	LIFO stack	push, pop, top	Yes
queue	Adaptor	FIFO queue	push, pop, front, back	Yes
priority_queue	Adaptor	Heap-based priority queue	push, pop, top	Yes
set	Associative	Unique sorted elements	insert, erase, find, count	Yes
multiset	Associative	Sorted elements (duplicates allowed)	insert, erase, find, count	Yes
map	Associative	Key-value pairs, unique keys	insert, erase, find, access by key	Yes
multimap	Associative	Key-value pairs, duplicate keys	insert, erase, find, equal_range	Yes
unordered_set	Unordered	Hash set (unique elements)	insert, erase, find, count	Yes
unordered_multiset	Unordered	Hash multiset	insert, erase, find, count	Yes
unordered_map	Unordered	Hash map	insert, erase, find, access by key	Yes
unordered_multimap	Unordered	Hash multimap	insert, erase, find, equal_range	Yes