**Stencil Material Table Component Breakdown**

### **1. Table (Main Wrapper)**

* **Props:**
  + bordered?: boolean – Enables or disables borders.
  + striped?: boolean – Enables alternating row colors.
* **Events:** None

### **2. TableHead (Header Section)**

* **Props:** None (just a wrapper)
* **Events:** None

### **3. TableBody (Body Section)**

* **Props:** None (just a wrapper)
* **Events:** None

### **4. TableRow (Row Component)**

* **Props:**
  + selected?: boolean – Marks the row as selected.
  + hover?: boolean – Enables hover effects.
* **Events:**
  + rowClick – Emitted when a row is clicked.

### **5. TableCell (Data Cell)**

* **Props:**
  + align?: "left" | "center" | "right" – Controls text alignment.
  + variant?: "head" | "body" | "footer" – Defines if it's a header, body, or footer cell.
  + sortable?: boolean – Marks if the cell has sorting enabled.
* **Events:** None

### **6. TableFooter (Optional)**

* **Props:** None
* **Events:** None

### **7. TableSortLabel (Sorting Component)**

* **Props:**
  + active?: boolean – Whether the sorting is applied.
  + direction?: "asc" | "desc" – Sorting direction.
* **Events:**
  + sortChange – Emits when sorting order changes.

### **8. TablePagination (Optional)**

* **Props:**
  + rowsPerPage?: number – Number of rows per page.
  + page?: number – Current page index.
  + totalRows?: number – Total number of rows.
* **Events:**
  + pageChange – Emits when the page changes.
  + rowsPerPageChange – Emits when the rows per page changes.

### **9. TableContainer (Optional Wrapper for Responsiveness)**

* **Props:**
  + maxHeight?: string – Maximum height before scrolling.
* **Events:** None