USE dj0803805;

GO

-- This statement shows all the customers affected, how many #2's where ordered,

-- and when they were shipped out.

SELECT

Orders.OrderID AS [Order ID],

Customers.LastName + ', ' + Customers.FirstName AS [Customer Name],

OrderItems.Quantity AS [Quantity Purchased],

Orders.ShipDate AS [Date Shipped]

FROM Orders JOIN OrderItems

ON Orders.OrderID = OrderItems.OrderID

JOIN Customers

ON Orders.CustomerID = Customers.CustomerID

WHERE ProductID = 2

ORDER BY Orders.ShipDate DESC;

-- This one only shows the total number of customers affected,

-- the total number of #2's purchased by them,

-- and the total amount spent this way.

SELECT COUNT(Orders.OrderID) AS [Number of Customers Affected],

SUM(OrderItems.Quantity) AS [Total Amount of #2's purchased],

FORMAT(SUM(OrderItems.ItemPrice \* OrderItems.Quantity), 'C') AS [Total Cost]

FROM Orders JOIN OrderItems

ON Orders.OrderID = OrderItems.OrderID

JOIN Customers

ON Orders.CustomerID = Customers.CustomerID

WHERE ProductID = 2;

-- This one returns the mailing addresses involved.

SELECT

Orders.OrderID AS [Order ID],

Customers.LastName + ', ' + Customers.FirstName AS [Customer Name],

Line1 + ', ' + Line2 + ', ' + City + ', ' + State + ' ' + ZipCode AS [Shipping Address]

FROM Orders JOIN OrderItems

ON Orders.OrderID = OrderItems.OrderID

JOIN Customers

ON Orders.CustomerID = Customers.CustomerID

JOIN Addresses

ON Orders.ShipAddressID = Addresses.AddressID

WHERE OrderItems.ProductID = 2

ORDER BY Orders.ShipDate DESC;