

-- 1. Sacar la ciudad y el teléfono de las oficinas de Estados Unidos.

```
MariaDB [jardineria]> SELECT Ciudad, Telefono
-> FROM Oficinas
-> WHERE Pais="EEUU";
```

Ciudad	Telefono
Boston	+1 215 837 0825
San Francisco	+1 650 219 4782

```
2 rows in set (0.000 sec)
```

-- 2. Sacar el nombre, los apellidos y el email de los empleados a cargo de Alberto Soria.

```
MariaDB [jardineria]> SELECT Nombre, Apellido1, Email
-> FROM Empleados
-> WHERE CodigoJefe = (
->     SELECT CodigoEmpleado
->     FROM Empleados
->     WHERE Nombre = 'Alberto' AND Apellido1 = 'Soria'
-> );
```

Nombre	Apellido1	Email
Felipe	Rosas	frosas@jardineria.es
Juan Carlos	Ortiz	cortiz@jardineria.es
Carlos	Soria	csoria@jardineria.es
Emmanuel	Magaña	manu@jardineria.es
Francois	Fignon	ffignon@gardening.com
Michael	Bolton	mbolton@gardening.com
Hilary	Washington	hWASHINGTON@gardening.com
Nei	Nishikori	nnishikori@gardening.com
Amy	Johnson	ajohnson@gardening.com
Kevin	Fallmer	kfalmer@gardening.com

```
10 rows in set (0.000 sec)
```

-- 3. Sacar el cargo, nombre, apellidos y email del jefe de la empresa.

```
MariaDB [jardineria]> SELECT Puesto, Nombre, Apellido1, Apellido2, Email
-> FROM Empleados
-> WHERE CodigoJefe IS NULL;
```

Puesto	Nombre	Apellido1	Apellido2	Email
Director General	Marcos	Magaña	Perez	marcos@jardineria.es

```
1 row in set (0.000 sec)
```

-- 4. Sacar el nombre, apellidos y cargo de aquellos que no sean representantes de ventas.

```
MariaDB [jardineria]> SELECT Nombre, Apellido1, Apellido2, Puesto
-> FROM Empleados
-> WHERE Puesto NOT LIKE "Representante Ventas";
```

Nombre	Apellido1	Apellido2	Puesto
Marcos	Magaña	Perez	Director General
Ruben	López	Martinez	Subdirector Marketing
Alberto	Soria	Carrasco	Subdirector Ventas
Maria	Solís	Jerez	Secretaria
Carlos	Soria	Jimenez	Director Oficina
Emmanuel	Magaña	Perez	Director Oficina
Francois	Fignon		Director Oficina
Michael	Bolton		Director Oficina
Hilary	Washington		Director Oficina
Nei	Nishikori		Director Oficina
Amy	Johnson		Director Oficina
Kevin	Fallmer		Director Oficina

```
12 rows in set (0.000 sec)
```

-- 5. Sacar el número de clientes que tiene la empresa.

```
MariaDB [jardineria]> SELECT COUNT(*) AS "Numero Total Clientes"
-> FROM Clientes;
```

Numero Total Clientes
36

```
1 row in set (0.002 sec)
```

-- 6. Sacar el nombre de los clientes españoles.

```
MariaDB [jardineria]> SELECT NombreCliente
-> FROM Clientes
-> WHERE Pais="España" OR Pais="Spain";
```

NombreCliente
Lasas S.A.
Beragua
Club Golf Puerta del hierro
Naturagua
DaraDistribuciones
Madrileña de riegos
Lasas S.A.
Camunas Jardines S.L.
Dardena S.A.
Jardin de Flores
Flores Marivi
Flowers, S.A
Naturajardin
Golf S.A.
AYMERICH GOLF MANAGEMENT, SL
Aloha
El Prat
Sotogrande
Vivero Humanes
Fuenla City
Jardines y Mansiones CACTUS SL
Jardinerías Matías SL
Agrojardin
Top Campo
Jardineria Sara
Campohermoso
FLORES S.L.

27 rows in set (0.000 sec)

-- 7. Sacar cuántos clientes tiene cada país.

```
MariaDB [jardineria]> SELECT Pais, COUNT(*) AS "Clientes Totales"
-> FROM Clientes
-> GROUP BY Pais;
```

Pais	Clientes Totales
Australia	2
España	23
France	2
Spain	4
United Kingdom	1
USA	4

6 rows in set (0.001 sec)

-- 8. Sacar cuántos clientes tiene la ciudad de Madrid.

```
MariaDB [jardineria]> SELECT COUNT(*) AS "Clientes de Madrid"
-> FROM Clientes
-> WHERE Ciudad="Madrid";
+-----+
| Clientes de Madrid |
+-----+
|                  11 |
+-----+
1 row in set (0.000 sec)
```

-- 9. Sacar cuántos clientes tienen las ciudades que empiezan por M.

```
MariaDB [jardineria]> SELECT COUNT(*) AS "Clientes de Ciudad que empieza por M"
-> FROM Clientes
-> WHERE Ciudad LIKE "M%" OR Ciudad LIKE "m%";
+-----+
| Clientes de Ciudad que empieza por M |
+-----+
|                  14 |
+-----+
1 row in set (0.000 sec)
```

-- 10. Sacar el código de empleado y el número de clientes al que atiende cada representante de ventas.

```
MariaDB [jardineria]> SELECT CodigoEmpleadoRepVentas AS "Codigo Empleado", COUNT(*) AS "Total Clientes"
-> FROM Clientes
-> GROUP BY CodigoEmpleadoRepVentas;
+-----+-----+
| Codigo Empleado | Total Clientes |
+-----+-----+
|          5 |          5 |
|          8 |          4 |
|          9 |          2 |
|         11 |          5 |
|         12 |          5 |
|         16 |          2 |
|         18 |          2 |
|         19 |          2 |
|         22 |          2 |
|         30 |          5 |
|         31 |          2 |
+-----+-----+
11 rows in set (0.000 sec)
```

-- 11. Sacar el número de clientes que no tiene asignado representante de ventas.

```
MariaDB [jardineria]> SELECT COUNT(*) AS "Clientes sin Rep. Ventas"
-> FROM Clientes
-> WHERE CodigoEmpleadoRepVentas is NULL;
+-----+
| Clientes sin Rep. Ventas |
+-----+
| 0 |
+-----+
1 row in set (0.001 sec)
```

-- 12. Sacar cuál fue el primer y último pago que hizo algún cliente.

```
MariaDB [jardineria]> SELECT MAX(FechaPago) AS "Último Pago", MIN(FechaPago) AS "Primer Pago"
-> FROM Pagos;
+-----+-----+
| Último Pago | Primer Pago |
+-----+-----+
| 2009-03-26 | 2006-01-18 |
+-----+-----+
1 row in set (0.000 sec)
```

-- 13. Sacar el código de cliente de aquellos clientes que hicieron pagos en 2008.

```
MariaDB [jardineria]> SELECT CodigoCliente, FechaPago
-> FROM Pagos
-> WHERE YEAR(FechaPago)=2008;
+-----+-----+
| CodigoCliente | FechaPago |
+-----+-----+
| 1 | 2008-11-10 |
| 1 | 2008-12-10 |
| 13 | 2008-08-04 |
| 14 | 2008-07-15 |
| 26 | 2008-03-18 |
+-----+-----+
5 rows in set (0.000 sec)
```

-- 14. Sacar los distintos estados por los que puede pasar un pedido.

```
MariaDB [jardineria]> SELECT DISTINCT Estado AS "Estados de los pedidos"
-> FROM Pedidos;
+-----+
| Estados de los pedidos |
+-----+
| Entregado |
| Rechazado |
| Pendiente |
| Pediente |
+-----+
4 rows in set (0.001 sec)
```

-- 15. Sacar el número de pedido, código de cliente, fecha requerida y fecha de entrega de los pedidos que no han sido entregados a tiempo.

```
MariaDB [jardineria]> SELECT CódigoPedido, CódigoCliente, FechaEsperada, FechaEntrega
-> FROM Pedidos
-> WHERE (FechaEntrega <= FechaEsperada);
```

CódigoPedido	CódigoCliente	FechaEsperada	FechaEntrega
1	5	2006-01-19	2006-01-19
2	5	2007-10-28	2007-10-26
8	1	2008-11-14	2008-11-14
15	7	2009-01-12	2009-01-11
21	9	2009-01-09	2009-01-09
24	14	2008-07-31	2008-07-25
29	14	2008-09-01	2008-09-01
30	13	2008-09-03	2008-08-31
34	4	2008-06-28	2008-06-28
36	14	2008-12-15	2008-12-10
41	19	2009-03-13	2009-03-13
47	23	2009-03-17	2009-03-17
48	26	2008-03-30	2008-03-29
51	26	2008-10-14	2008-10-14
53	13	2008-11-15	2008-11-09
58	3	2009-01-31	2009-01-30
59	1	2008-11-14	2008-11-14
64	1	2009-01-31	2009-01-30
75	15	2009-01-13	2009-01-13
76	15	2008-11-23	2008-11-23
78	15	2008-12-17	2008-12-17
79	28	2009-01-13	2009-01-13
82	28	2009-01-29	2009-01-29
89	35	2007-12-13	2007-12-10
91	27	2009-03-29	2009-03-27
93	27	2009-05-30	2009-05-17
95	35	2008-01-19	2008-01-19
97	35	2008-11-25	2008-11-25
100	16	2009-01-15	2009-01-15
102	16	2009-01-08	2009-01-08
104	30	2009-03-06	2009-03-06
107	30	2009-04-10	2009-04-10
108	16	2009-04-15	2009-04-15
109	38	2006-07-28	2006-07-28
110	38	2007-04-24	2007-04-24
111	36	2008-03-30	2008-03-30
116	38	2008-08-01	2008-08-01
119	16	2009-01-15	2009-01-15
121	16	2009-01-08	2009-01-08
122	16	2009-04-15	2009-04-15
124	30	2009-03-06	2009-03-06
127	30	2009-04-10	2009-04-10

42 rows in set (0.001 sec)

-- 16. Sacar cuántos productos existen en cada línea de pedido.

```
MariaDB [jardineria]> SELECT Gama, COUNT(*)
-> FROM Productos
-> GROUP BY Gama;
```

Gama	COUNT(*)
Aromáticas	10
Frutales	108
Herramientas	4
Ornamentales	154

4 rows in set (0.002 sec)

-- 17. Sacar un listado de los 20 códigos de productos más pedidos ordenado por cantidad pedida. (pista: Usar el filtro LIMIT de MySQL o el filtro rownum de Oracle).

```
MariaDB [jardineria]> SELECT CodigoProducto
-> FROM DetallePedidos
-> GROUP BY CodigoProducto
-> ORDER BY COUNT(*) DESC
-> LIMIT 20;
+-----+
| CodigoProducto |
+-----+
| 30310          |
| OR-227         |
| 22225         |
| FR-11          |
| 11679         |
| OR-157         |
| 21636         |
| OR-208         |
| AR-009         |
| OR-247         |
| FR-94          |
| FR-85          |
| FR-108         |
| FR-100         |
| AR-006         |
| FR-53          |
| FR-87          |
| FR-1           |
| AR-001         |
| AR-002         |
+-----+
20 rows in set (0.001 sec)
```

-- 18. Sacar el número de pedido, código de cliente, fecha requerida y fecha de entrega de los pedidos cuya fecha de entrega ha sido al menos dos días antes de la
-- fecha requerida. (pista: Usar la función addDate de MySQL o el operador + de Oracle).

```
MariaDB server version for the right syntax to use near ')' at line 3
MariaDB [jardineria]> SELECT CodigoPedido, CodigoCliente, FechaEsperada, FechaEntrega
-> FROM Pedidos
-> WHERE FechaEntrega < DATE_SUB(FechaEsperada, INTERVAL 2 DAY);
+-----+-----+-----+-----+
| CodigoPedido | CodigoCliente | FechaEsperada | FechaEntrega |
+-----+-----+-----+-----+
| 24          | 14          | 2008-07-31    | 2008-07-25    |
| 30          | 13          | 2008-09-03    | 2008-08-31    |
| 36          | 14          | 2008-12-15    | 2008-12-10    |
| 53          | 13          | 2008-11-15    | 2008-11-09    |
| 89          | 35          | 2007-12-13    | 2007-12-10    |
| 93          | 27          | 2009-05-30    | 2009-05-17    |
+-----+-----+-----+-----+
6 rows in set (0.000 sec)
```

-- 19. Sacar la facturación que ha tenido la empresa en toda la historia, indicando la base imponible, el IVA y el total facturado. NOTA: La base imponible se calcula sumando el coste del producto por el número de unidades vendidas. El IVA, es el 18 % de la base imponible, y el total, la suma de los dos campos anteriores.

```
MariaDB [jardineria]> SELECT SUM(Cantidad * PrecioUnidad) AS "Base Imponible", SUM(Cantidad * PrecioUnidad * 0.18) AS IVA, SUM(Cantidad * PrecioUnidad) + SUM(Cantidad * PrecioUnidad * 0.18) AS TOTAL
-> FROM DetallePedidos;
+-----+-----+-----+
| Base Imponible | IVA      | TOTAL      |
+-----+-----+-----+
| 198913.00      | 35804.3400 | 234717.3400 |
+-----+-----+-----+
1 row in set (0.000 sec)
```

-- 20. Sacar la misma información que en la pregunta anterior, pero agrupada por código de producto filtrada por los códigos que empiecen por FR

(66 registros)

```
MariaDB [jardineria]> SELECT CodigoProducto, SUM(Cantidad * PrecioUnidad) AS "Base Imponible", SUM(Cantidad * PrecioUnidad * 0.18) AS IVA, SUM(Cantidad * PrecioUnidad) + SUM(Cantidad * PrecioUnidad * 0.18) AS TOTAL
-> FROM DetallePedidos
-> WHERE CodigoProducto LIKE "FR%"
-> GROUP BY CodigoProducto
-> ORDER BY TOTAL DESC;
+-----+-----+-----+
| CodigoProducto | Base Imponible | IVA      | TOTAL      |
+-----+-----+-----+
| FR-11          | 13092.00      | 2356.5600 | 15448.5600 |
| FR-85          | 5320.00       | 957.6000  | 6277.6000  |
| FR-4           | 2552.00       | 459.3600  | 3011.3600  |
| FR-91          | 2250.00       | 405.0000  | 2655.0000  |
| FR-69          | 1911.00       | 343.9800  | 2254.9800  |
| FR-67          | 1750.00       | 315.0000  | 2065.0000  |
| FR-94          | 1649.00       | 296.8200  | 1945.8200  |
| FR-57          | 1624.00       | 292.3200  | 1916.3200  |
| FR-87          | 1584.00       | 285.1200  | 1869.1200  |
| FR-100         | 1209.00       | 217.6200  | 1426.6200  |
| FR-107         | 1100.00       | 198.0000  | 1298.0000  |
| FR-48          | 1080.00       | 194.4000  | 1274.4000  |
| FR-77          | 1035.00       | 186.3000  | 1221.3000  |
| FR-82          | 980.00        | 176.4000  | 1156.4000  |
| FR-29          | 960.00        | 172.8000  | 1132.8000  |
| FR-79          | 946.00        | 170.2800  | 1116.2800  |
| FR-17          | 846.00        | 152.2800  | 998.2800   |
| FR-53          | 744.00        | 133.9200  | 877.9200   |
| FR-13          | 741.00        | 133.3800  | 874.3800   |
| FR-106         | 673.00        | 121.1400  | 794.1400   |
| FR-102         | 668.00        | 120.2400  | 788.2400   |
| FR-12          | 668.00        | 120.2400  | 788.2400   |
| FR-36          | 621.00        | 111.7800  | 732.7800   |
| FR-58          | 561.00        | 100.9800  | 661.9800   |
| FR-3           | 497.00        | 89.4600   | 586.4600   |
| FR-108         | 468.00        | 84.2400   | 552.2400   |
| FR-89          | 450.00        | 81.0000   | 531.0000   |
| FR-47          | 440.00        | 79.2000   | 519.2000   |
| FR-40          | 434.00        | 78.1200   | 512.1200   |
| FR-22          | 350.00        | 63.0000   | 413.0000   |
| FR-104         | 340.00        | 61.2000   | 401.2000   |
| FR-10          | 330.00        | 59.4000   | 389.4000   |
| FR-103         | 320.00        | 57.6000   | 377.6000   |
| FR-101         | 310.00        | 55.8000   | 365.8000   |
| FR-105         | 300.00        | 54.0000   | 354.0000   |
| FR-109         | 290.00        | 52.2000   | 342.2000   |
| FR-110         | 280.00        | 50.4000   | 330.4000   |
| FR-111         | 270.00        | 48.6000   | 318.6000   |
| FR-112         | 260.00        | 46.8000   | 306.8000   |
| FR-113         | 250.00        | 45.0000   | 295.0000   |
| FR-114         | 240.00        | 43.2000   | 283.2000   |
| FR-115         | 230.00        | 41.4000   | 271.4000   |
| FR-116         | 220.00        | 39.6000   | 259.6000   |
| FR-117         | 210.00        | 37.8000   | 247.8000   |
| FR-118         | 200.00        | 36.0000   | 236.0000   |
| FR-119         | 190.00        | 34.2000   | 224.2000   |
| FR-120         | 180.00        | 32.4000   | 212.4000   |
| FR-121         | 170.00        | 30.6000   | 201.6000   |
| FR-122         | 160.00        | 28.8000   | 189.8000   |
| FR-123         | 150.00        | 27.0000   | 177.0000   |
| FR-124         | 140.00        | 25.2000   | 165.2000   |
| FR-125         | 130.00        | 23.4000   | 153.4000   |
| FR-126         | 120.00        | 21.6000   | 141.6000   |
| FR-127         | 110.00        | 19.8000   | 129.8000   |
| FR-128         | 100.00        | 18.0000   | 118.0000   |
| FR-129         | 90.00         | 16.2000   | 106.2000   |
| FR-130         | 80.00         | 14.4000   | 94.4000    |
| FR-131         | 70.00         | 12.6000   | 82.6000    |
| FR-132         | 60.00         | 10.8000   | 70.8000    |
| FR-133         | 50.00         | 9.0000    | 59.0000    |
| FR-134         | 40.00         | 7.2000    | 47.2000    |
| FR-135         | 30.00         | 5.4000    | 35.4000    |
| FR-136         | 20.00         | 3.6000    | 23.6000    |
| FR-137         | 10.00         | 1.8000    | 11.8000    |
| FR-138         | 0.00          | 0.0000    | 0.0000     |
| FR-139         | 0.00          | 0.0000    | 0.0000     |
| FR-140         | 0.00          | 0.0000    | 0.0000     |
| FR-141         | 0.00          | 0.0000    | 0.0000     |
| FR-142         | 0.00          | 0.0000    | 0.0000     |
| FR-143         | 0.00          | 0.0000    | 0.0000     |
| FR-144         | 0.00          | 0.0000    | 0.0000     |
| FR-145         | 0.00          | 0.0000    | 0.0000     |
| FR-146         | 0.00          | 0.0000    | 0.0000     |
| FR-147         | 0.00          | 0.0000    | 0.0000     |
| FR-148         | 0.00          | 0.0000    | 0.0000     |
| FR-149         | 0.00          | 0.0000    | 0.0000     |
| FR-150         | 0.00          | 0.0000    | 0.0000     |
| FR-151         | 0.00          | 0.0000    | 0.0000     |
| FR-152         | 0.00          | 0.0000    | 0.0000     |
| FR-153         | 0.00          | 0.0000    | 0.0000     |
| FR-154         | 0.00          | 0.0000    | 0.0000     |
| FR-155         | 0.00          | 0.0000    | 0.0000     |
| FR-156         | 0.00          | 0.0000    | 0.0000     |
| FR-157         | 0.00          | 0.0000    | 0.0000     |
| FR-158         | 0.00          | 0.0000    | 0.0000     |
| FR-159         | 0.00          | 0.0000    | 0.0000     |
| FR-160         | 0.00          | 0.0000    | 0.0000     |
| FR-161         | 0.00          | 0.0000    | 0.0000     |
| FR-162         | 0.00          | 0.0000    | 0.0000     |
| FR-163         | 0.00          | 0.0000    | 0.0000     |
| FR-164         | 0.00          | 0.0000    | 0.0000     |
| FR-165         | 0.00          | 0.0000    | 0.0000     |
| FR-166         | 0.00          | 0.0000    | 0.0000     |
| FR-167         | 0.00          | 0.0000    | 0.0000     |
| FR-168         | 0.00          | 0.0000    | 0.0000     |
| FR-169         | 0.00          | 0.0000    | 0.0000     |
| FR-170         | 0.00          | 0.0000    | 0.0000     |
| FR-171         | 0.00          | 0.0000    | 0.0000     |
| FR-172         | 0.00          | 0.0000    | 0.0000     |
| FR-173         | 0.00          | 0.0000    | 0.0000     |
| FR-174         | 0.00          | 0.0000    | 0.0000     |
| FR-175         | 0.00          | 0.0000    | 0.0000     |
| FR-176         | 0.00          | 0.0000    | 0.0000     |
| FR-177         | 0.00          | 0.0000    | 0.0000     |
| FR-178         | 0.00          | 0.0000    | 0.0000     |
| FR-179         | 0.00          | 0.0000    | 0.0000     |
| FR-180         | 0.00          | 0.0000    | 0.0000     |
| FR-181         | 0.00          | 0.0000    | 0.0000     |
| FR-182         | 0.00          | 0.0000    | 0.0000     |
| FR-183         | 0.00          | 0.0000    | 0.0000     |
| FR-184         | 0.00          | 0.0000    | 0.0000     |
| FR-185         | 0.00          | 0.0000    | 0.0000     |
| FR-186         | 0.00          | 0.0000    | 0.0000     |
| FR-187         | 0.00          | 0.0000    | 0.0000     |
| FR-188         | 0.00          | 0.0000    | 0.0000     |
| FR-189         | 0.00          | 0.0000    | 0.0000     |
| FR-190         | 0.00          | 0.0000    | 0.0000     |
| FR-191         | 0.00          | 0.0000    | 0.0000     |
| FR-192         | 0.00          | 0.0000    | 0.0000     |
| FR-193         | 0.00          | 0.0000    | 0.0000     |
| FR-194         | 0.00          | 0.0000    | 0.0000     |
| FR-195         | 0.00          | 0.0000    | 0.0000     |
| FR-196         | 0.00          | 0.0000    | 0.0000     |
| FR-197         | 0.00          | 0.0000    | 0.0000     |
| FR-198         | 0.00          | 0.0000    | 0.0000     |
| FR-199         | 0.00          | 0.0000    | 0.0000     |
| FR-200         | 0.00          | 0.0000    | 0.0000     |
| FR-201         | 0.00          | 0.0000    | 0.0000     |
| FR-202         | 0.00          | 0.0000    | 0.0000     |
| FR-203         | 0.00          | 0.0000    | 0.0000     |
| FR-204         | 0.00          | 0.0000    | 0.0000     |
| FR-205         | 0.00          | 0.0000    | 0.0000     |
| FR-206         | 0.00          | 0.0000    | 0.0000     |
| FR-207         | 0.00          | 0.0000    | 0.0000     |
| FR-208         | 0.00          | 0.0000    | 0.0000     |
| FR-209         | 0.00          | 0.0000    | 0.0000     |
| FR-210         | 0.00          | 0.0000    | 0.0000     |
| FR-211         | 0.00          | 0.0000    | 0.0000     |
| FR-212         | 0.00          | 0.0000    | 0.0000     |
| FR-213         | 0.00          | 0.0000    | 0.0000     |
| FR-214         | 0.00          | 0.0000    | 0.0000     |
| FR-215         | 0.00          | 0.0000    | 0.0000     |
| FR-216         | 0.00          | 0.0000    | 0.0000     |
| FR-217         | 0.00          | 0.0000    | 0.0000     |
| FR-218         | 0.00          | 0.0000    | 0.0000     |
| FR-219         | 0.00          | 0.0000    | 0.0000     |
| FR-220         | 0.00          | 0.0000    | 0.0000     |
| FR-221         | 0.00          | 0.0000    | 0.0000     |
| FR-222         | 0.00          | 0.0000    | 0.0000     |
| FR-223         | 0.00          | 0.0000    | 0.0000     |
| FR-224         | 0.00          | 0.0000    | 0.0000     |
| FR-225         | 0.00          | 0.0000    | 0.0000     |
| FR-226         | 0.00          | 0.0000    | 0.0000     |
| FR-227         | 0.00          | 0.0000    | 0.0000     |
| FR-228         | 0.00          | 0.0000    | 0.0000     |
| FR-229         | 0.00          | 0.0000    | 0.0000     |
| FR-230         | 0.00          | 0.0000    | 0.0000     |
| FR-231         | 0.00          | 0.0000    | 0.0000     |
| FR-232         | 0.00          | 0.0000    | 0.0000     |
| FR-233         | 0.00          | 0.0000    | 0.0000     |
| FR-234         | 0.00          | 0.0000    | 0.0000     |
| FR-235         | 0.00          | 0.0000    | 0.0000     |
| FR-236         | 0.00          | 0.0000    | 0.0000     |
| FR-237         | 0.00          | 0.0000    | 0.0000     |
| FR-238         | 0.00          | 0.0000    | 0.0000     |
| FR-239         | 0.00          | 0.0000    | 0.0000     |
| FR-240         | 0.00          | 0.0000    | 0.0000     |
| FR-241         | 0.00          | 0.0000    | 0.0000     |
| FR-242         | 0.00          | 0.0000    | 0.0000     |
| FR-243         | 0.00          | 0.0000    | 0.0000     |
| FR-244         | 0.00          | 0.0000    | 0.0000     |
| FR-245         | 0.00          | 0.0000    | 0.0000     |
| FR-246         | 0.00          | 0.0000    | 0.0000     |
| FR-247         | 0.00          | 0.0000    | 0.0000     |
| FR-248         | 0.00          | 0.0000    | 0.0000     |
| FR-249         | 0.00          | 0.0000    | 0.0000     |
| FR-250         | 0.00          | 0.0000    | 0.0000     |
| FR-251         | 0.00          | 0.0000    | 0.0000     |
| FR-252         | 0.00          | 0.0000    | 0.0000     |
| FR-253         | 0.00          | 0.0000    | 0.0000     |
| FR-254         | 0.00          | 0.0000    | 0.0000     |
| FR-255         | 0.00          | 0.0000    | 0.0000     |
| FR-256         | 0.00          | 0.0000    | 0.0000     |
| FR-257         | 0.00          | 0.0000    | 0.0000     |
| FR-258         | 0.00          | 0.0000    | 0.0000     |
| FR-259         | 0.00          | 0.0000    | 0.0000     |
| FR-260         | 0.00          | 0.0000    | 0.0000     |
| FR-261         | 0.00          | 0.0000    | 0.0000     |
| FR-262         | 0.00          | 0.0000    | 0.0000     |
| FR-263         | 0.00          | 0.0000    | 0.0000     |
| FR-264         | 0.00          | 0.0000    | 0.0000     |
| FR-265         | 0.00          | 0.0000    | 0.0000     |
| FR-266         | 0.00          | 0.0000    | 0.0000     |
| FR-267         | 0.00          | 0.0000    | 0.0000     |
| FR-268         | 0.00          | 0.0000    | 0.0000     |
| FR-269         | 0.00          | 0.0000    | 0.0000     |
| FR-270         | 0.00          | 0.0000    | 0.0000     |
| FR-271         | 0.00          | 0.0000    | 0.0000     |
| FR-272         | 0.00          | 0.0000    | 0.0000     |
| FR-273         | 0.00          | 0.0000    | 0.0000     |
| FR-274         | 0.00          | 0.0000    | 0.0000     |
| FR-275         | 0.00          | 0.0000    | 0.0000     |
| FR-276         | 0.00          | 0.0000    | 0.0000     |
| FR-277         | 0.00          | 0.0000    | 0.0000     |
| FR-278         | 0.00          | 0.0000    | 0.0000     |
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| FR-280         | 0.00          | 0.0000    | 0.0000     |
| FR-281         | 0.00          | 0.0000    | 0.0000     |
| FR-282         | 0.00          | 0.0000    | 0.0000     |
| FR-283         | 0.00          | 0.0000    | 0.0000     |
| FR-284         | 0.00          | 0.0000    | 0.0000     |
| FR-285         | 0.00          | 0.0000    | 0.0000     |
| FR-286         | 0.00          | 0.0000    | 0.0000     |
| FR-287         | 0.00          | 0.0000    | 0.0000     |
| FR-288         | 0.00          | 0.0000    | 0.0000     |
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| FR-290         | 0.00          | 0.0000    | 0.0000     |
| FR-291         | 0.00          | 0.0000    | 0.0000     |
| FR-292         | 0.00          | 0.0000    | 0.0000     |
| FR-293         | 0.00          | 0.0000    | 0.0000     |
| FR-294         | 0.00          | 0.0000    | 0.0000     |
| FR-295         | 0.00          | 0.0000    | 0.0000     |
| FR-296         | 0.00          | 0.0000    | 0.0000     |
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| FR-298         | 0.00          | 0.0000    | 0.0000     |
| FR-299         | 0.00          | 0.0000    | 0.0000     |
| FR-300         | 0.00          | 0.0000    | 0.0000     |
| FR-301         | 0.00          | 0.0000    | 0.0000     |
| FR-302         | 0.00          | 0.0000    | 0.0000     |
| FR-303         | 0.00          | 0.0000    | 0.0000     |
| FR-304         | 0.00          | 0.0000    | 0.0000     |
| FR-305         | 0.00          | 0.0000    | 0.0000     |
| FR-306         | 0.00          | 0.0000    | 0.0000     |
| FR-307         | 0.00          | 0.0000    | 0.0000     |
| FR-308         | 0.00          | 0.0000    | 0.0000     |
| FR-309         | 0.00          | 0.0000    | 0.0000     |
| FR-310         | 0.00          | 0.0000    | 0.0000     |
| FR-311         | 0.00          | 0.0000    | 0.0000     |
| FR-312         | 0.00          | 0.0000    | 0.0000     |
| FR-313         | 0.00          | 0.0000    | 0.0000     |
| FR-314         | 0.00          | 0.0000    | 0.0000     |
| FR-315         | 0.00          | 0.0000    | 0.0000     |
| FR-316         | 0.00          | 0.0000    | 0.0000     |
| FR-317         | 0.00          | 0.0000    | 0.0000     |
| FR-318         | 0.00          | 0.0000    | 0.0000     |
| FR-319         | 0.00          | 0.0000    | 0.0000     |
| FR-320         | 0.00          | 0.0000    | 0.0000     |
| FR-321         | 0.00          | 0.0000    | 0.0000     |
| FR-322         | 0.00          | 0.0000    | 0.0000     |
| FR-323         | 0.00          | 0.0000    | 0.0000     |
| FR-324         | 0.00          | 0.0000    | 0.0000     |
| FR-325         | 0.00          | 0.0000    | 0.0000     |
| FR-326         | 0.00          | 0.0000    | 0.0000     |
| FR-327         | 0.00          | 0.0000    | 0.0000     |
| FR-328         | 0.00          | 0.0000    | 0.0000     |
| FR-329         | 0.00          | 0.0000    | 0.0000     |
| FR-330         | 0.00          | 0.0000    | 0.0000     |
| FR-331         | 0.00          | 0.0000    | 0.0000     |
| FR-332         | 0.00          | 0.0000    | 0.0000     |
| FR-333         | 0.00          | 0.0000    | 0.0000     |
| FR-334         | 0.00          | 0.0000    | 0.0000     |
| FR-335         | 0.00          | 0.0000    | 0.0000     |
| FR-336         | 0.00          | 0.0000    | 0.0000     |
| FR-337         | 0.00          | 0.0000    | 0.0000     |
| FR-338         | 0.00          | 0.0000    | 0.0000     |
| FR-339         | 0.00          | 0.0000    | 0.0000     |
| FR-340         | 0.00          | 0.0000    | 0.0000     |
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| FR-342         | 0.00          | 0.0000    | 0.0000     |
| FR-343         | 0.00          | 0.0000    | 0.0000     |
| FR-344         | 0.00          | 0.0000    | 0.0000     |
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| FR-346         | 0.00          | 0.0000    | 0.0000     |
| FR-347         | 0.00          | 0.0000    | 0.0000     |
| FR-348         | 0.00          | 0.0000    | 0.0000     |
| FR-349         | 0.00          | 0.0000    | 0.0000     |
| FR-350         | 0.00          | 0.0000    | 0.0000     |
| FR-351         | 0.00          | 0.0000    | 0.0000     |
| FR-352         | 0.00          | 0.0000    | 0.0000     |
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| FR-354         | 0.00          | 0.0000    | 0.0000     |
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| FR-356         | 0.00          | 0.0000    | 0.0000     |
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| FR-358         | 0.00          | 0.0000    | 0.0000     |
| FR-359         | 0.00          | 0.0000    | 0.0000     |
| FR-360         | 0.00          | 0.0000    | 0.0000     |
| FR-361         | 0.00          | 0.0000    | 0.0000     |
| FR-362         | 0.00          | 0.0000    | 0.0000     |
| FR-363         | 0.00          | 0.0000    | 0.0000     |
| FR-364         | 0.00          | 0.0000    | 0.0000     |
| FR-365         | 0.00          | 0.0000    | 0.0000     |
| FR-366         | 0.00          | 0.0000    | 0.0000     |
| FR-367         | 0.00          | 0.0000    | 0.0000     |
| FR-368         | 0.00          | 0.0000    | 0.0000     |
| FR-369         | 0.00          | 0.0000    | 0.0000     |
| FR-370         | 0.00          | 0.0000    | 0.0000     |
| FR-371         | 0.00          | 0.0000    | 0.0000     |
| FR-372         | 0.00          | 0.0000    | 0.0000     |
| FR-373         | 0.00          | 0.0000    | 0.0000     |
| FR-374         | 0.00          | 0.0000    | 0.0000     |
| FR-375         | 0.00          | 0.0000    | 0.0000     |
| FR-376         | 0.00          | 0.0000    | 0.0000     |
| FR-377         | 0.00          | 0.0000    | 0.0000     |
| FR-378         | 0.00          | 0.0000    | 0.0000     |
| FR-379         | 0.00          | 0.0000    | 0.0000     |
| FR-380         | 0.00          | 0.0000    | 0.0000     |
| FR-381         | 0.00          | 0.0000    | 0.0000     |
| FR-382         | 0.00          | 0.0000    | 0.0000     |
| FR-383         | 0.00          | 0.0000    | 0.0000     |
| FR-384         | 0.00          | 0.0000    | 0.0000     |
| FR-385         | 0.00          | 0.0000    | 0.0000     |
| FR-386         | 0.00          | 0.0000    | 0.0000     |
| FR-387         | 0.00          | 0.0000    | 0.0000     |
| FR-388         | 0.00          | 0.0000    | 0.0000     |
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| FR-394         | 0.00          | 0.0000    | 0.0000     |
| FR-395         | 0.00          | 0.0000    | 0.0000     |
| FR-396         | 0.00          | 0.0000    | 0.0000     |
| FR-397         | 0.00          | 0.0000    | 0.0000     |
| FR-398         | 0.00          | 0.0000    | 0.0000     |
| FR-399         | 0.00          | 0.0000    | 0.0000     |
| FR-400         | 0.00          | 0.0000    | 0.0000     |
| FR-401         | 0.00          | 0.0000    | 0.0000     |
| FR-402         | 0.00          | 0.0000    | 0.0000     |
| FR-403         | 0.00          | 0.0000    | 0.0000     |
| FR-404         | 0.00          | 0.0000    | 0.0000     |
| FR-405         | 0.00          | 0.0000    | 0.0000     |
| FR-406         | 0.00          | 0.0000    | 0.0000     |
| FR-407         | 0.00          | 0.0000    | 0.0000     |
| FR-408         | 0.00          | 0.0000    | 0.0000     |
| FR-409         | 0.00          | 0.0000    | 0.0000     |
| FR-410         | 0.00          | 0.0000    | 0.0000     |
| FR-411
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