SQL QUERIES

```
1   ---Basic information
2   SELECT provider_id, agency_name, street_address, city, state, zip_code
    total_hha_medicare_payment_amount_for_lupas
3   | FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013`
    LIMIT 1000
```

Press Alt+F1 for accessibility options.

Query results

SAVE RESULTS ▾   EXPLORE DATA ▾

JOB INFORMATION | RESULTS | CHART PREVIEW | JSON

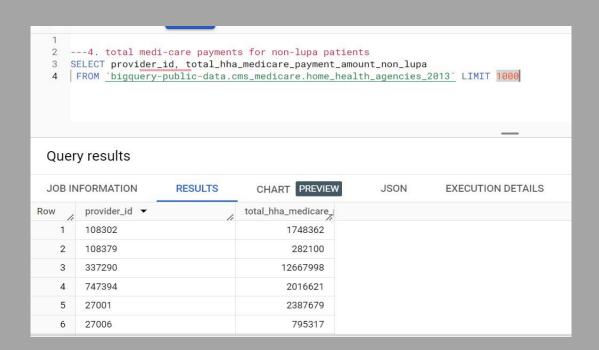| Row	provider_id ▾	agency_name ▾	street_address ▾
1	108302	VIRGIN HEALTH CORPORATIO...	7235 CORPORATE CI
2	108379	PATIENT'S CHOICE HOME HEA...	10300 SUNSET DRIV
3	337290	AMERICARE CERTIFIED SPECI...	5923 STRICKLAND A
4	747394	GRANDCARE HOME HEALTH L...	4701 ARDENWOOD [
5	27001	PROVIDENCE IN HOME SERVIC...	4001 DALE STREET, §
6	27006	FAIRBANKS MEMORIAL HOSPI...	1302 21ST AVENUE,
7	27007	SITKA COMMUNITY HOSPITAL...	209 MOLLER AVENU
8	27032	MAXIM HEALTHCARE SERVICE...	711 H STREET, §

```
1   --count of episodes and distinct users for non lupa
2   SELECT provider_id, total_episodes_non_lupa, distinct_users_non_lupa
3   FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013` LIMIT 1000
```
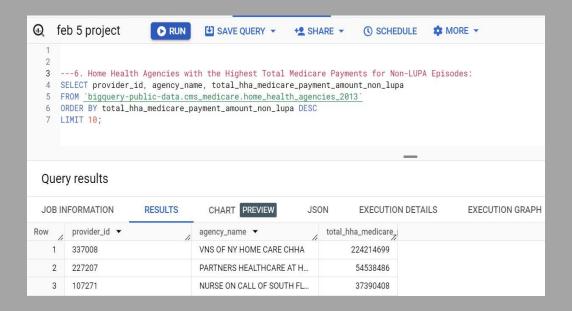
Query results

JOB INFORMATION | RESULTS | CHART PREVIEW | JSON | EXECUTION DETAILS

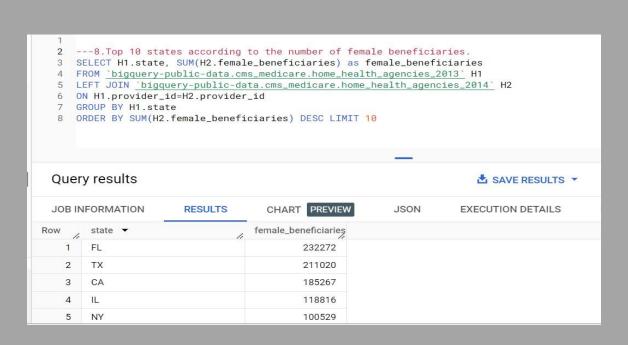| Row	provider_id ▾	total_episodes_non_l	distinct_users_non_l
1	108302	568	202
2	108379	96	38
3	337290	3148	2310
4	747394	773	220
5	27001	688	604
6	27006	285	179

```
1
2    ---3.total charges for non-lupa patients
3    SELECT provider_id, total_hha_charge_amount_non_lupa
4    | FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013` LIMIT 1000
```

Query results

JOB INFORMATION	RESULTS	CHART PREVIEW	JSON	EXECUTION DETAILS	EXECUTION GRAPH

Row	provider_id ▼	total_hha_charge_am
1	108302	3925897
2	108379	488807
3	337290	14112445
4	747394	2175373
5	27001	2598179
6	27006	772900

```
1
2    ---4. total medi-care payments for non-lupa patients
3    SELECT provider_id, total_hha_medicare_payment_amount_non_lupa
4    | FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013` LIMIT 1000
```

Query results

JOB INFORMATION	RESULTS	CHART PREVIEW	JSON	EXECUTION DETAILS

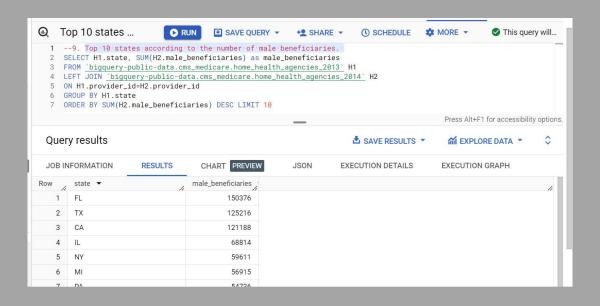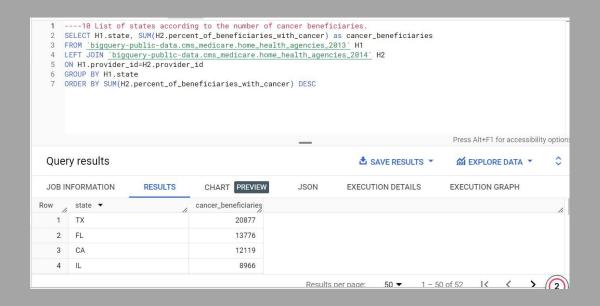| Row	provider_id ▼	total_hha_medicare_
1	108302	1748362
2	108379	282100
3	337290	12667998
4	747394	2016621
5	27001	2387679
6	27006	795317

```
2  ---5. Average medicare payment per epiosde
3  SELECT provider_id, AVG(total_hha_medicare_payment_amount_non_lupa) AS avg_payment_per_episode
4  FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013`
5  WHERE total_episodes_non_lupa>0
6  GROUP BY provider_id limit 1000
```

Query results

| JOB INFORMATION | RESULTS | CHART PREVIEW | JSON | EXECUTION DETAILS | EXECUTION GRAPH |

Row	provider_id ▼	avg_payment_per_ep
1	108302	1748362.0
2	108379	282100.0
3	337290	12667998.0
4	747394	2016621.0
5	27001	2387679.0
6	27006	795317.0

---

feu 5 project ▶ RUN   SAVE QUERY ▼   SHARE ▼   SCHEDULE   MORE ▼

```
1
2
3  ---6. Home Health Agencies with the Highest Total Medicare Payments for Non-LUPA Episodes:
4  SELECT provider_id, agency_name, total_hha_medicare_payment_amount_non_lupa
5  FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013`
6  ORDER BY total_hha_medicare_payment_amount_non_lupa DESC
7  LIMIT 10;
```

Query results

| JOB INFORMATION | RESULTS | CHART PREVIEW | JSON | EXECUTION DETAILS | EXECUTION GRAPH |

Row	provider_id ▼	agency_name ▼	total_hha_medicare
1	337008	VNS OF NY HOME CARE CHHA	224214699
2	227207	PARTNERS HEALTHCARE AT H...	54538486
3	107271	NURSE ON CALL OF SOUTH FL...	37390408

```
1
2    ---7. display the agency name of state AL.
3    SELECT agency_name, state
4    FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013`
5    where state='AL'
```

Query results

JOB INFORMATION | **RESULTS** | CHART PREVIEW | JSON | EXECUTION DETAILS | EXECUTION GRAPH

ow	agency_name ▼	state ▼	
1	ALACARE HOME HEALTH & HO…	AL	
2	AMEDISYS HOME HEALTH OF …	AL	
3	SOUTHEAST ALABAMA HOME…	AL	
4	AMEDISYS HOME HEALTH CARE	AL	
5	SOUTHEAST ALABAMA HOME…	AL	
6	SAAD HEALTHCARE	AL	

```
1
2    ---8.Top 10 states according to the number of female beneficiaries.
3    SELECT H1.state, SUM(H2.female_beneficiaries) as female_beneficiaries
4    FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013` H1
5    LEFT JOIN `bigquery-public-data.cms_medicare.home_health_agencies_2014` H2
6    ON H1.provider_id=H2.provider_id
7    GROUP BY H1.state
8    ORDER BY SUM(H2.female_beneficiaries) DESC LIMIT 10
```

Query results

⬇ SAVE RESULTS ▼

JOB INFORMATION | **RESULTS** | CHART PREVIEW | JSON | EXECUTION DETAILS

Row	state ▼	female_beneficiaries
1	FL	232272
2	TX	211020
3	CA	185267
4	IL	118816
5	NY	100529

● RUN   ⬚ SAVE QUERY ▾   ⬧ SHARE ▾   ⏱ SCHEDULE   ⚙ MORE ▾   ✅ This query will…

```sql
1   --9. Top 10 states according to the number of male beneficiaries.
2   SELECT H1.state, SUM(H2.male_beneficiaries) as male_beneficiaries
3   FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013` H1
4   LEFT JOIN `bigquery-public-data.cms_medicare.home_health_agencies_2014` H2
5   ON H1.provider_id=H2.provider_id
6   GROUP BY H1.state
7   ORDER BY SUM(H2.male_beneficiaries) DESC LIMIT 10
```

Press Alt+F1 for accessibility options.

Query results

⬇ SAVE RESULTS ▾   📊 EXPLORE DATA ▾   ⬍

JOB INFORMATION   **RESULTS**   CHART PREVIEW   JSON   EXECUTION DETAILS   EXECUTION GRAPH

Row	state ▾	male_beneficiaries
1	FL	150376
2	TX	125216
3	CA	121188
4	IL	68814
5	NY	59611
6	MI	56915
7	PA	54736

```sql
1   ----10 List of states according to the number of cancer beneficiaries.
2   SELECT H1.state, SUM(H2.percent_of_beneficiaries_with_cancer) as cancer_beneficiaries
3   FROM `bigquery-public-data.cms_medicare.home_health_agencies_2013` H1
4   LEFT JOIN `bigquery-public-data.cms_medicare.home_health_agencies_2014` H2
5   ON H1.provider_id=H2.provider_id
6   GROUP BY H1.state
7   ORDER BY SUM(H2.percent_of_beneficiaries_with_cancer) DESC
```

Press Alt+F1 for accessibility options

Query results

⬇ SAVE RESULTS ▾   📊 EXPLORE DATA ▾   ⬍

JOB INFORMATION   **RESULTS**   CHART PREVIEW   JSON   EXECUTION DETAILS   EXECUTION GRAPH

Row	state ▾	cancer_beneficiaries
1	TX	20877
2	FL	13776
3	CA	12119
4	IL	8966

Results per page: 50 ▾   1 – 50 of 52 |< < > ②

Link to queries

https://console.cloud.google.com/bigquery?sq=1060927630211:b00d711cf3ba46838d0d1f70d7434e0b

https://console.cloud.google.com/bigquery?sq=1060927630211:08a8f5d076f040c3868306a2290c1c0b

https://console.cloud.google.com/bigquery?sq=1060927630211:fbe89fac04ea41708707616b7f984008

https://console.cloud.google.com/bigquery?sq=1060927630211:7370822cae5742b29eaa32c81bb59c32

https://console.cloud.google.com/bigquery?sq=1060927630211:3a669bc65fda4347b2bace7e5428fefe

https://console.cloud.google.com/bigquery?sq=1060927630211:3b858d65a6874187b456f636281447e6

https://console.cloud.google.com/bigquery?sq=1060927630211:8efbe72974674b829ebd98d0d6674d80

https://console.cloud.google.com/bigquery?sq=1060927630211:29b4085124e74b6a825ad00af6734916

https://console.cloud.google.com/bigquery?sq=1060927630211:061d6a19b77f48198e6a189d67ff2d50

https://console.cloud.google.com/bigquery?sq=1060927630211:6b80c8e708474f62b95129289f728032