

- - Table: public.s2i

- - DROP TABLE IF EXISTS public.s2i;

CREATE TABLE IF NOT EXISTS public.s2i (

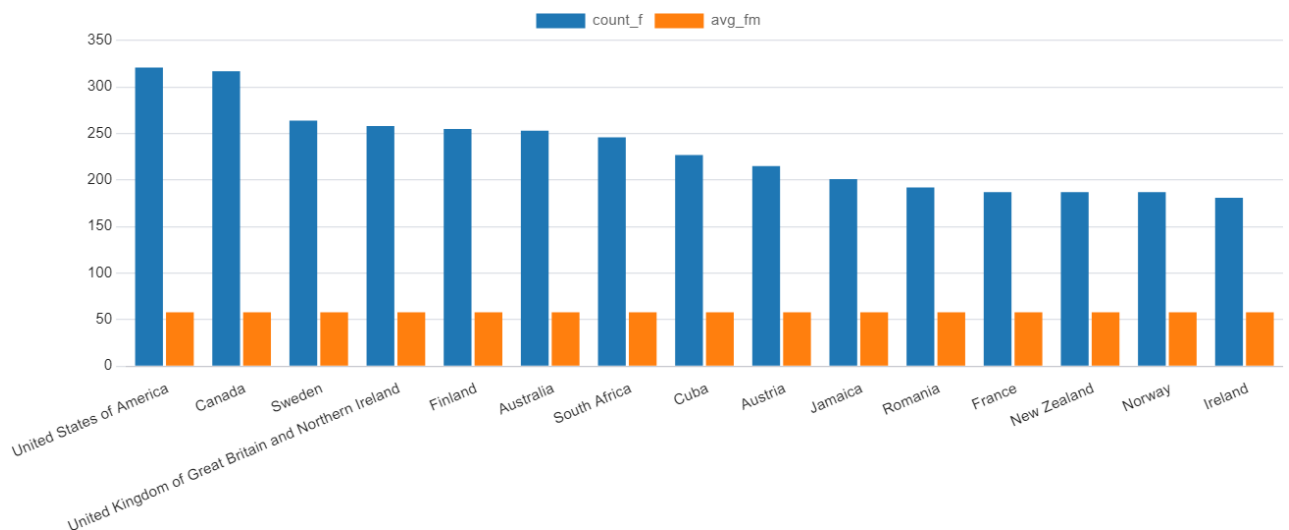
whole year,
cname_send character varying(100) COLLATE pg_catalog."default", main_posting
integer,
full title,
gender whole,
cname_receive character varying(100) COLLATE pg_catalog."default", ccode_send
integer,
ccodealp_send character varying(100) COLLATE pg_catalog."default", ccodecow_send
integer,
region_send integer,
gme_send integer,
v2lgfemleg_send numeric(1000,2), ffp_send
integer,
ccode_receive integer,
ccodealp_receive character varying(10000) COLLATE pg_catalog."default", ccodecow_receive
integer,
region_receive integer,
gme_receive integer,
ffp_receive integer
)

TABLESPACE pg_default;

ALTER TABLE IF EXISTS public.s2i
OWNER to postgres;

-- Which are the 15 countries that have sent above-average female diplomatic personnel? --

```
WITH gender_counts AS (  
  SELECT  
    cname_send,  
    SUM(CASE WHEN gender = 99 THEN 1 ELSE 0 END) AS  
    count_nogender,  
    SUM(CASE WHEN gender = 1 THEN 1 ELSE 0 END) AS count_f, SUM(CASE  
    WHEN gender = 0 THEN 1 ELSE 0 END) AS count_m FROM s2i  
  
  GROUP BY cname_send  
)  
,  
avg_female AS (  
  SELECT ROUND(AVG(count_f),0) AS avg_fm FROM  
  gender_counts  
)  
SELECT  
  gender_counts.cname_send,  
  gender_counts.count_f,  
  avg_female.avg_fm  
FROM gender_counts, avg_female  
WHERE gender_counts.count_f > avg_female.avg_fm ORDER BY  
count_f DESC  
LIMIT 15;
```



-- After calculating the average number of female diplomats sent, I selected the 15 countries that exceed this average and sorted them based on the number of female diplomats sent in descending order. The United States, Canada, Sweden are the top 3 countries in this ranking; New Zealand, Norway and Ireland are the latest. This query does not consider a specific period, but analyzes the entire time period present in the dataset --

- - What is the geographic distribution of the adoption of feminist foreign policies around the world, and how many countries in different regions have implemented such policies regarding sending female diplomatic personnel in 2021? --

```

WITH region_names AS (
  SELECT
    0 AS region_send, 'Africa' AS region_name UNION ALL

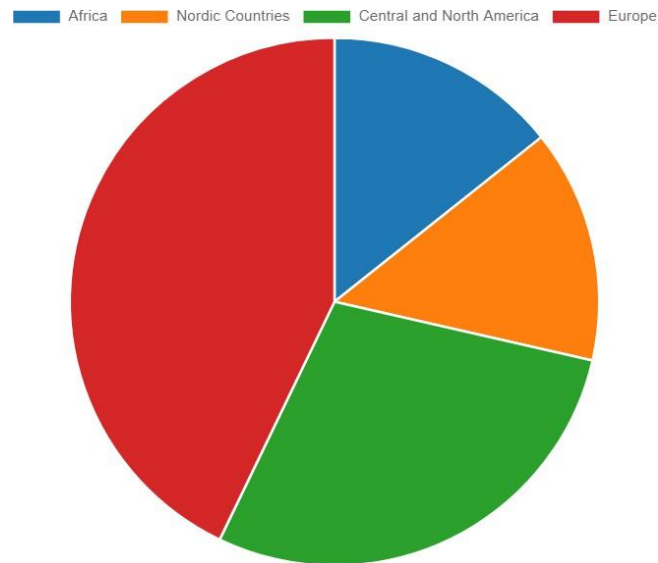
    SELECT
      1, 'Asia'
  UNION ALL
  SELECT
    2, 'Central and North America'
  UNION ALL
  SELECT
    3, 'Europe'
  UNION ALL
  SELECT
    4, 'Middle East'
  UNION ALL
  SELECT
    5, 'Nordic Countries'
  UNION ALL
  SELECT
    6, 'Oceania'
  UNION ALL
  SELECT
    7, 'South America'
)
SELECT region_name, COUNT (DISTINCT cname_send) AS "n°_ffp_send_countries" FROM s2i s

INNER JOIN
region_names rn USING (region_send) WHERE

ffp_send = 1 AND year= 2021 GROUP
BY
rn.region_name
ORDER BY n°_ffp_send_countries;

```

	region_name text	n°_ffp_send_countries bigint
1	Africa	1
2	Nordic Countries	1
3	Central and North America	2
4	Europe	3



-- This query examines the number of countries in the five geographic regions shown in the dataset that have feminist foreign policies, specifically regarding the deployment of female diplomatic personnel in 2021. Using a temporary table to associate the geographic regions with their names, the query counts the number of distinct countries that have adopted such policies in each region. This provides an indication of different regions' commitment to gender equality in foreign policies --

-- What is the difference in the number of female diplomats sent before and after 2000, and can a significant increase in female representation among diplomatic envoys be observed in the years after 2000? -- WITH pre_2000 AS (

```
SELECT cname_send, COUNT(gender) AS dipf_pre2000 FROM s2i
```

```
WHERE year < 2000 AND gender = 1
GROUP BY cname_send
```

)

```
SELECT s2i.cname_send, pre_2000.dipf_pre2000 ,COUNT(s2i.gender) AS dipf_post2000
```

```
FROM s2i
```

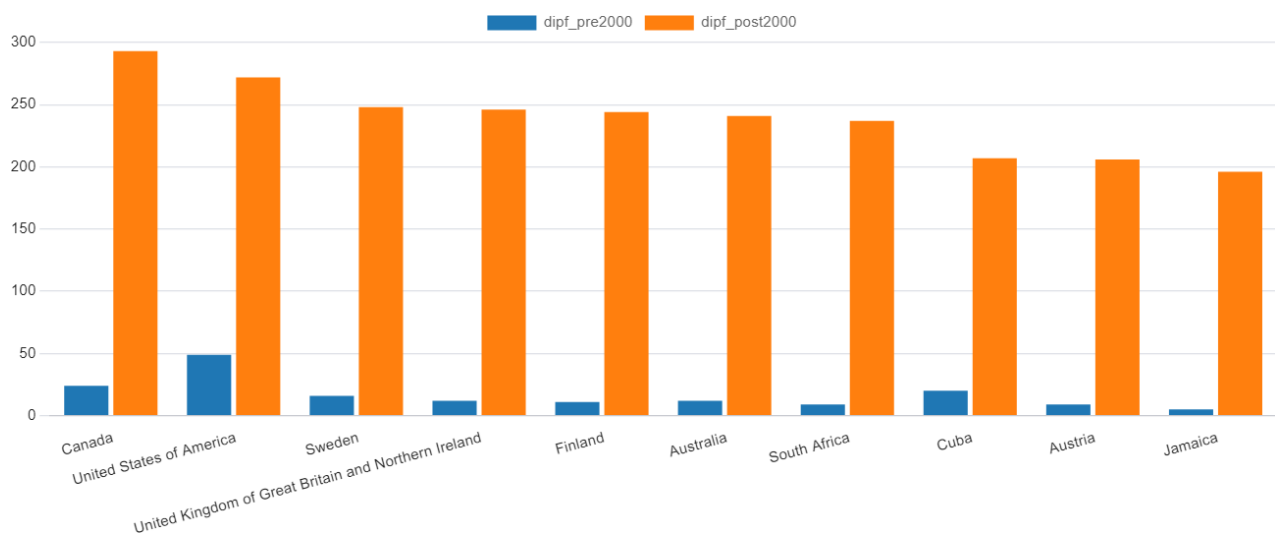
```
JOIN pre_2000 USING (cname_send)
```

```
WHERE year > 2000 AND gender = 1
```

```
GROUP BY s2i.cname_send, pre_2000.dipf_pre2000 ORDER BY
```

```
dipf_post2000 DESC
```

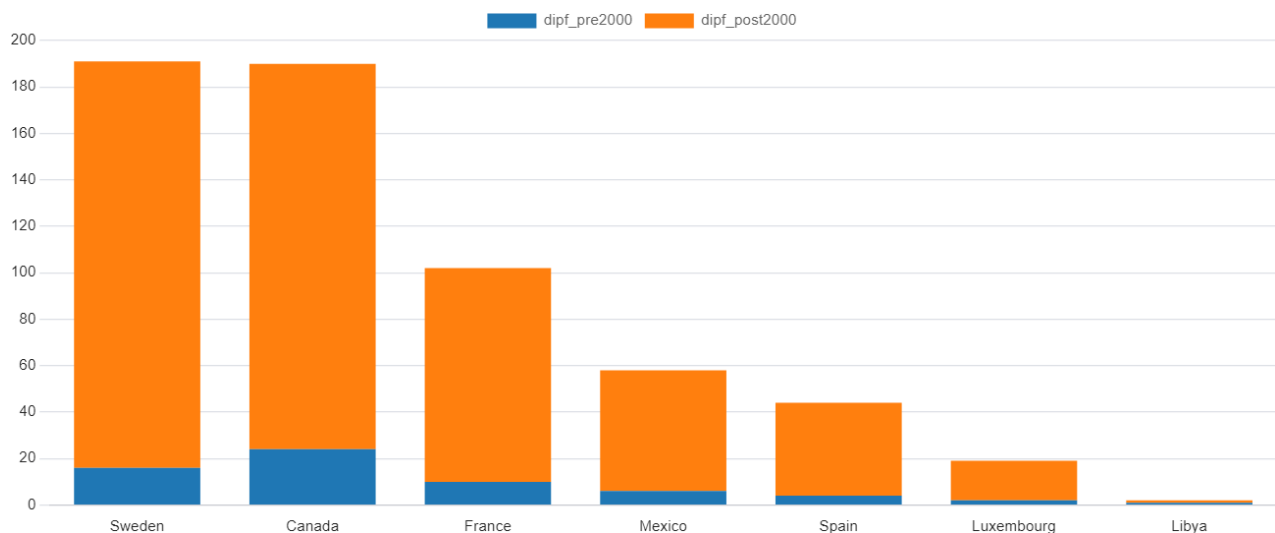
```
LIMIT 10;
```



-- As reported in the table, it can be noted that in the years prior to 2000 the USA led the ranking of female diplomatic corps engaged abroad, with a maximum value of 50. In the years after 2000, however, the country with fewer representatives women employed abroad has a value just below 200. After 2000, the top 10 countries with the highest number of female diplomats on mission all employed at least 200 representatives, while in the years before the new millennium the share was consistently below 50 North American countries steadily lead the ranking --

- - How much has the number of female diplomats sent abroad changed in the countries that adopted a feminist policy in the year of data collection (2019)? Is there a significant increase in the presence of women among diplomatic envoys in these countries in the years after 2000? --

```
WITH pre_2000 AS (
  SELECT cname_send, COUNT(gender) AS dipf_pre2000 FROM s2i
  WHERE year < 2000 AND gender = 1
  GROUP BY cname_send
)
SELECT s2i.cname_send, pre_2000.dipf_pre2000 ,COUNT(s2i.gender) AS dipf_post2000
FROM s2i
JOIN pre_2000 USING (cname_send)
WHERE year > 2000 AND gender = 1 AND ffp_send = 1 GROUP BY
s2i.cname_send, pre_2000.dipf_pre2000 ORDER BY dipf_post2000
DESC;
```



- - In almost all countries that have declared a feminist foreign policy, the number of diplomats sent has increased exponentially. In Sweden before 2000 there were fewer than 20 female diplomats abroad, subsequently exceeding 180 units, as well as in Canada which however had a slightly higher number of female diplomats employed before 2000 (above 20). The increase was also marked in France, Mexico and Spain. Considering the population of Luxembourg we can consider the increase of this country significant. Only Libya does not see the number increase significantly. --

-- How did the number of diplomats received before and after 2000 change in the 5 countries that received the most? --

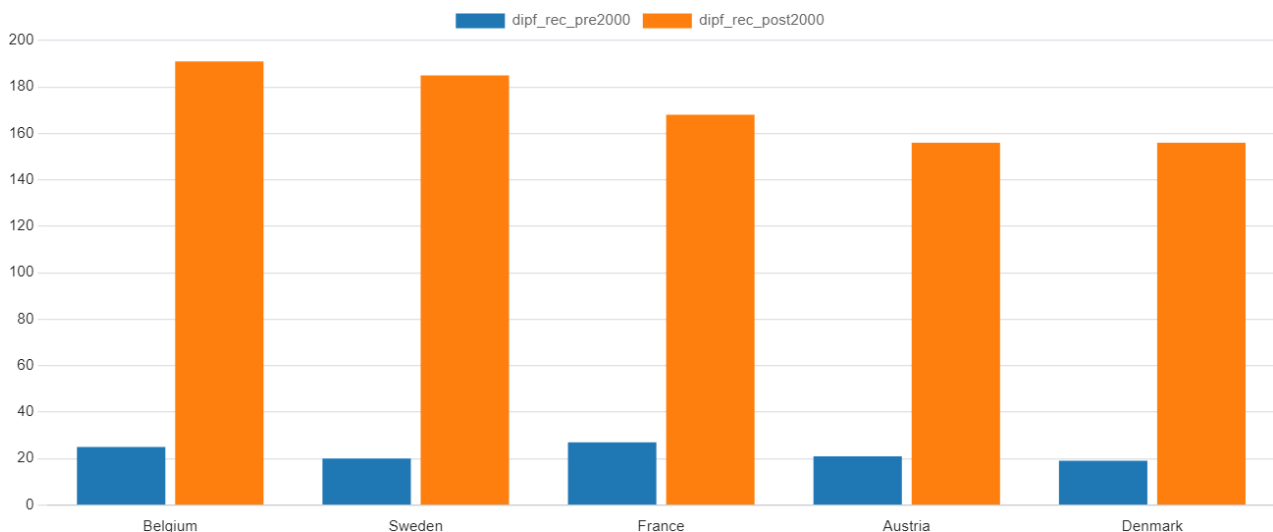
```

WITH pre_2000 AS (
  SELECT
    cname_receive,
    COUNT(cname_receive) AS dipf_rec_pre2000
  FROM
    s2i
  WHERE
    gender = 1 AND year < 2000
  GROUP BY
    cname_receive
  ORDER BY
    Dipf_rec_pre2000 DESC
)
SELECT
  s.cname_receive,
  p.dipf_rec_pre2000,
  COUNT(s.cname_receive) AS dipf_rec_post2000

FROM
  s2i s
JOIN
  pre_2000 p
  USING (cname_receive)
WHERE
  s.cname_receive IN ('France', 'Belgium', 'Austria', 'Sweden', 'Denmark') AND gender = 1

  AND year > 2000
GROUP BY
  s.cname_receive, p.dipf_rec_pre2000
ORDER BY
  dipf_rec_post2000 DESC;

```



-- The 5 countries that had received the most diplomats before 2000 had an exponential increase in diplomats received after 2000. --

-- Which geographical regions sent the most diplomatic ambassadors before and after 2000? --

```
SELECT region_send, COUNT (title) AS reg_most_f_pre2000 FROM s2i
```

```
WHERE title = 3 AND gender = 1 AND year < 2000 GROUP BY  
region_send  
ORDER BY reg_most_f_pre2000 DESC;
```

```
SELECT region_send, COUNT (title) AS reg_most_f_post2000 FROM s2i
```

```
WHERE title = 3 AND gender = 1 AND year > 2000 GROUP BY  
region_send  
ORDER BY reg_most_f_post2000 DESC;
```

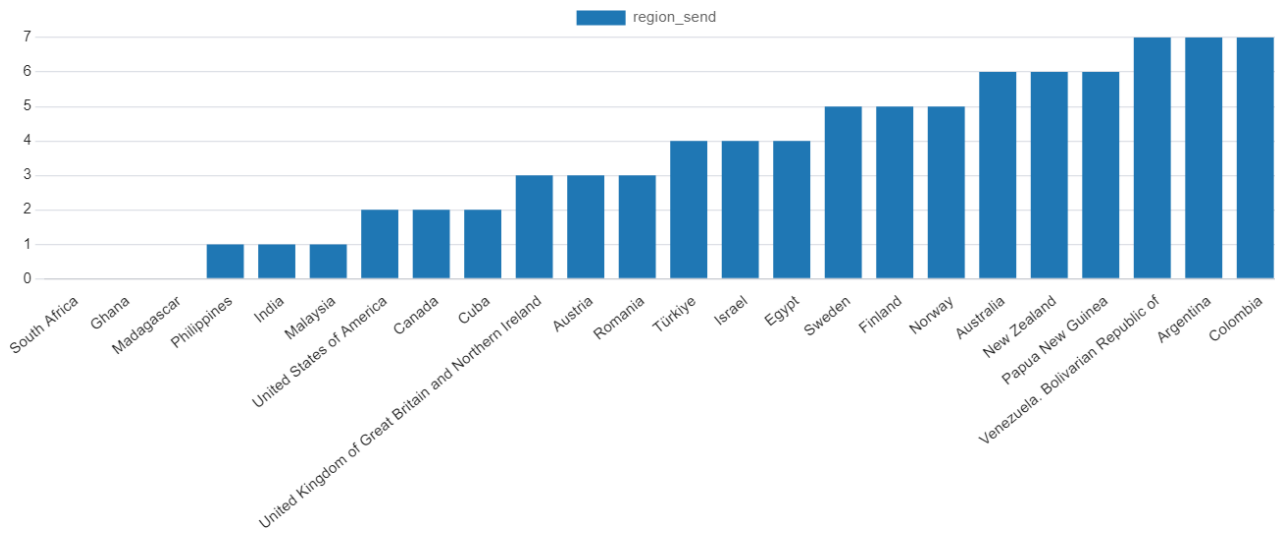
	region_send integer	reg_most_f_pre2000 bigint
1	2	158
2	3	119
3	0	102
4	1	76
5	7	63
6	5	43
7	6	23
8	4	20

	region_send integer	reg_most_f_post2000 bigint
1	3	3561
2	0	2143
3	2	1630
4	1	1157
5	5	944
6	7	688
7	4	469
8	6	467

-- Europe, Central/North America and Africa always remain in the top 3. This is probably linked to a greater openness to the role of women in Western countries (they adopt more ffp), while in Africa the demographic component also comes into play. --

-- Which are the 3 countries for each geographical region that have sent the most diplomats? --




```
SELECT * FROM(  
SELECT region_send, cname_send, COUNT (gender),  
RANK () OVER (PARTITION BY region_send ORDER BY COUNT (gender) DESC) AS rnk FROM s2i  
  
WHERE gender = 1  
GROUP BY region_send, cname_send)  
WHERE rnk <4
```



-- The table indicates for each geographical region the 3 states that have sent the most female diplomatic personnel. --

-- Which are the 10 states with the most female diplomatic personnel sent to the GME? --

```
SELECT * FROM(  
SELECT cname_send, COUNT(gender),  
ROW_NUMBER () OVER (Partition BY GME_send ORDER BY COUNT(gender) DESC) AS rnk  
FROM s2i  
WHERE GME_send = 1 AND gender = 1  
GROUP BY GME_send, cname_send) WHERE  
rnk < 11
```

	cname_send character varying (100) 	count bigint 	rnk bigint 
1	Türkiye	138	1
2	Israel	82	2
3	Egypt	80	3
4	Morocco	79	4
5	Lebanon	44	5
6	Armenia	44	6
7	Tunisia	41	7
8	Georgia	35	8
9	Pakistan	34	9
10	United Arab Emirates	28	10