

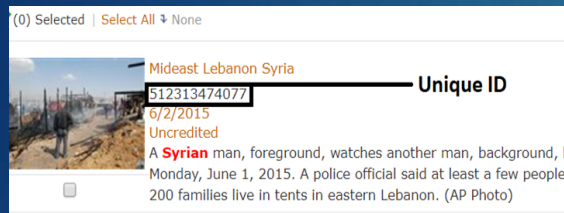
# Tracking Photojournalism & The Syrian Refugee Crisis

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**Q: How has photojournalism in Western media influenced our understanding to the refugee crisis?**

## Methodologies (Right)

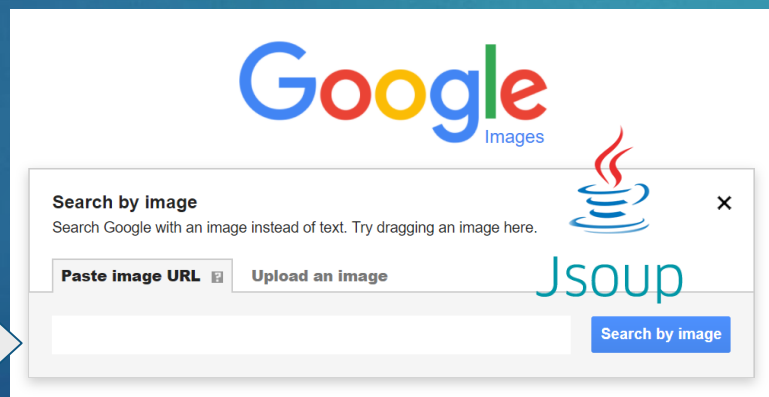
- Use AP Database w/ "Syrian Refugee" query
- Gather all images + metadata
- Webcrawler to reverse Google image search photos
- Record which of 8 news agencies (**The New York Times, The Washington Post, The Wall Street Journal, NBC, CNN, The BBC, The Guardian, and FOX News**) used each photo



id	dsc	photo	url	date
ID: 51080	Syrian ref	Muhamm	http://clas	#####
ID: 16245	The Co-Pri	Geert Van	http://clas	9/1/20
ID: 17041	Young mig	Petros Kar	http://clas	#####
ID: 17035	A Syria m	a Petros Kar	http://clas	2/4/20
ID: 17035	A boy mig	Petros Kar	http://clas	2/4/20
ID: 17035	A boy mig	Petros Kar	http://clas	2/4/20
ID: 16150	FILE - In th	Markus Sc	http://clas	6/8/20
ID: 99048	Refugees l	dpa via AF	http://clas	#####
ID: 16981	A refugee	dpa via AF	http://clas	#####
ID: 16216	CORRECTS	Michael Pi	http://clas	8/4/20
ID: 16216	CORRECTS	Michael Pi	http://clas	8/4/20
ID: 16216	CORRECTS	Michael Pi	http://clas	8/4/20
ID: 16216	CORRECTS	Michael Pi	http://clas	8/4/20

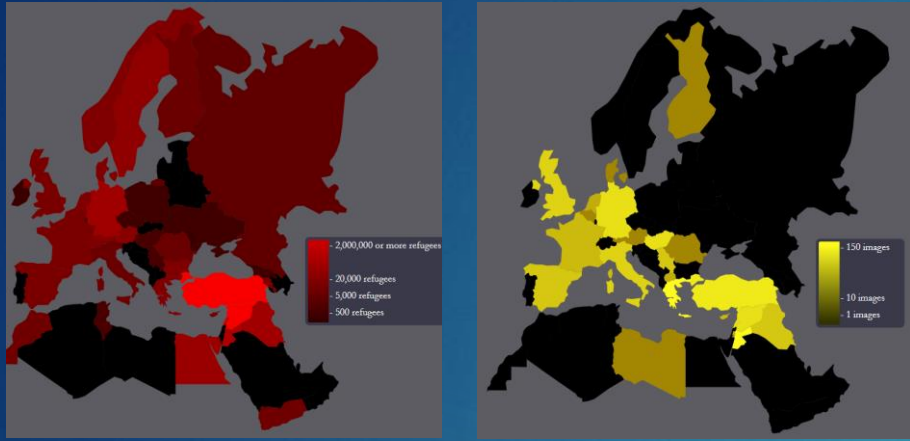
**3,639** images

url	date
mm http://clas	#####
Van http://clas	9/1/20
Kar http://clas	#####
Kar http://clas	2/4/20
Kar http://clas	2/4/20



**579** published photos  
**650** news articles

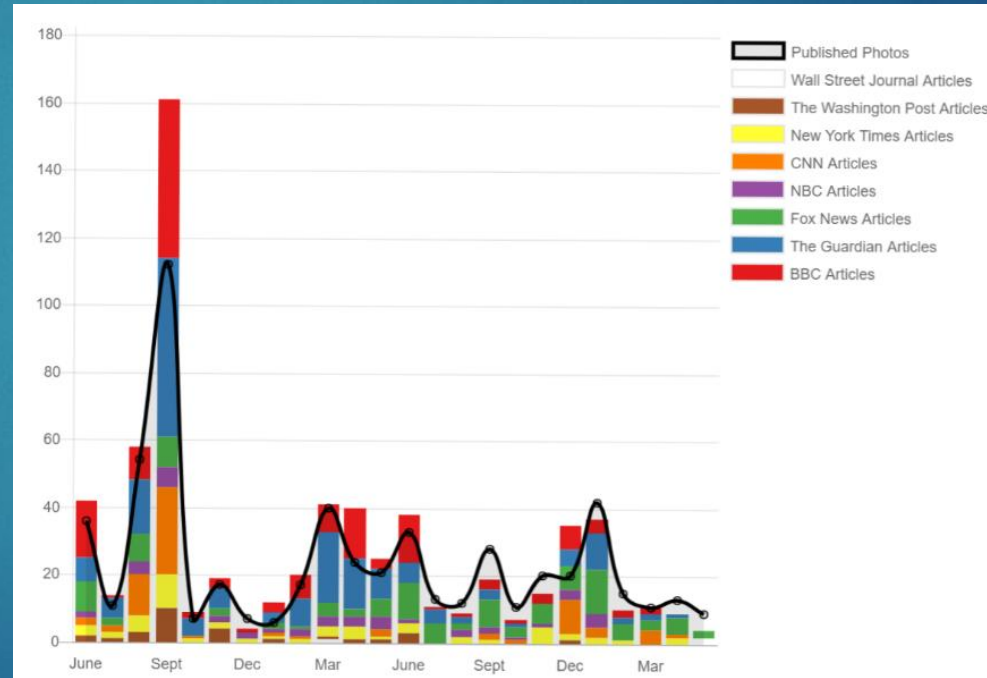
# Results & Visualizations



**Figure 3 (left above):** Geographical distribution of the total amount of refugees from 2015 – 2016, data from the United Nations High Commissioner for Refugees.

**Figure 4 (right above):** Geographical distribution of all the published images that were cited by the eight specified news agencies.

**Figure 7 (right):** The following images are the top cited of the top five countries with the most published images. We observed that images published from Western European countries often depicted political protests and refugees in large groups, while images published from Middle Eastern countries often portrayed individuals and refugee camps



**Figure 8 (above):** Timeline graph depicting the number of articles featuring AP images versus time. The Guardian, BBC, and FOX News have the most articles and the most photographs between them.



Greece - image cited in 10 articles



Jordan - image cited in 5 articles



Turkey - image cited in 3 articles



Lebanon - image cited in 14 articles



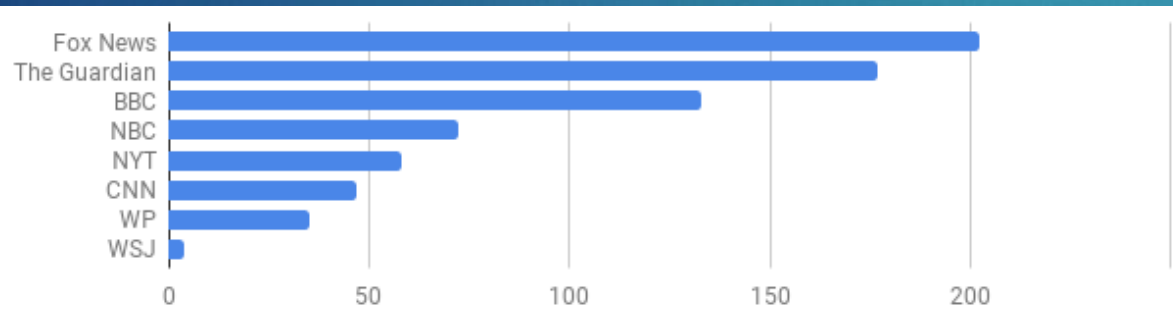
Germany - image cited in 4 articles



# Conclusion & Final Product

Our data visualizations illustrate that most Syrian refugees are concentrated in the Middle East, Germany and Sweden. The visualizations also reflect the established main corridors of escaping Syria and entering Europe: Turkey and Greece

Usage of images of Syrian Refugees by the eight news media outlets is ranked as the following: Fox (202), The Guardian (177), BBC (133), NBC (72), NYT (58), CNN (47), WP (35), WSJ (4). **Figure 9 (below)**



**Figure 10 (above):** This project culminated in a website that displays all of our data visualizations in an interactive platform.

We observed that the **number of refugees** is not proportional with the **published image distribution**. For instance, Turkey holds the vast majority of Syrian Refugees, yet they're only third among the countries with the most published images. Also, Greece has the most number of published photos despite not having as many Syrian refugees as its ranked peers.