

## Accident info comparisons

Figures, summary tables and short descriptions of comparisons between link counts and other possibly relevant statistics.

### Link frequencies

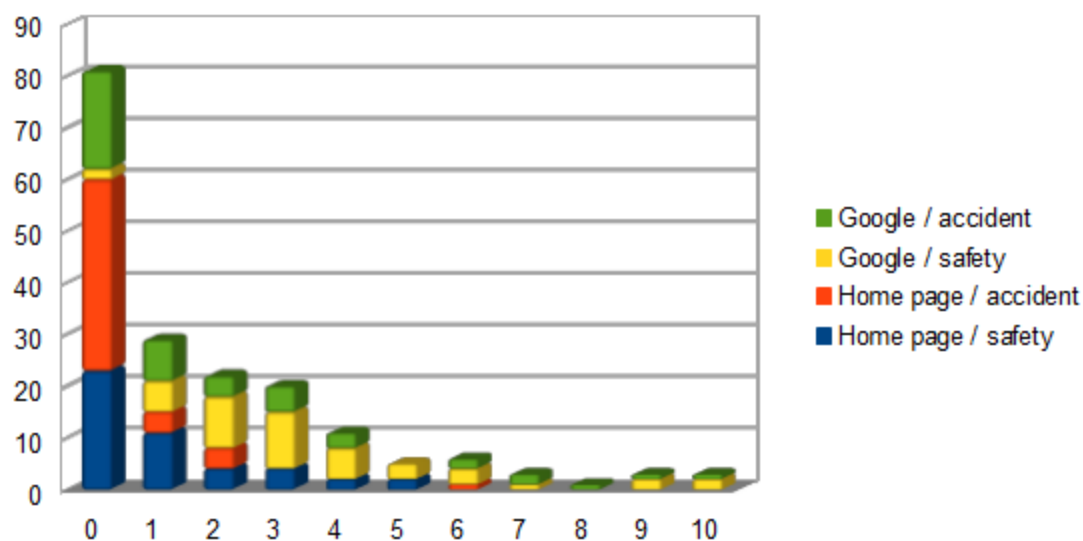


Figure 1. Number of links found for both searches and words.

The x-axis shows how many links were found and the y-axis shows the number of airlines that had that count.

### Mean and median number of links

	Safety		Accident	
	Mean	Median	Mean	Median
Complete set	3.50	3	2.09	1
Google and Homepage	3.65	3	2.29	1
Google only	3.08	3.5	1.50	0.5

Table 1. Mean and median number of links found by Google for different sub populations

### Homepage search hits vs. Google hits



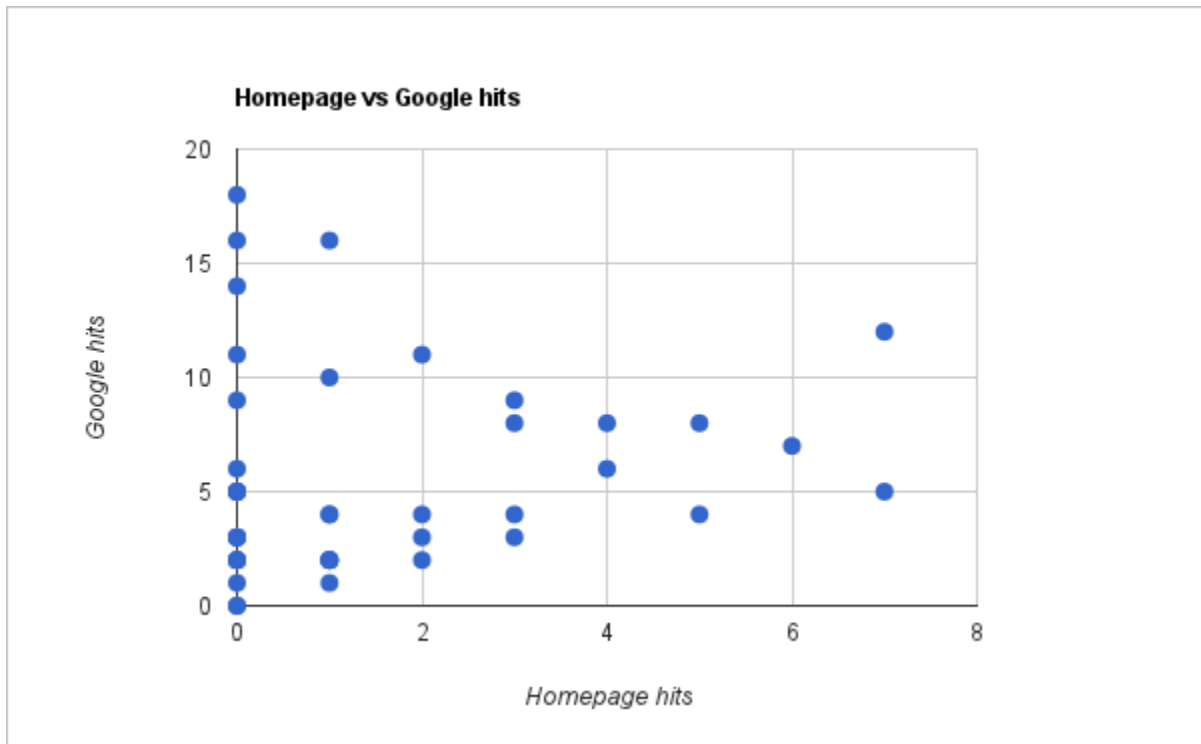


Figure. Total Homepage hits vs. total google hits. Total = number of hits for both words, "safety" and "accident"

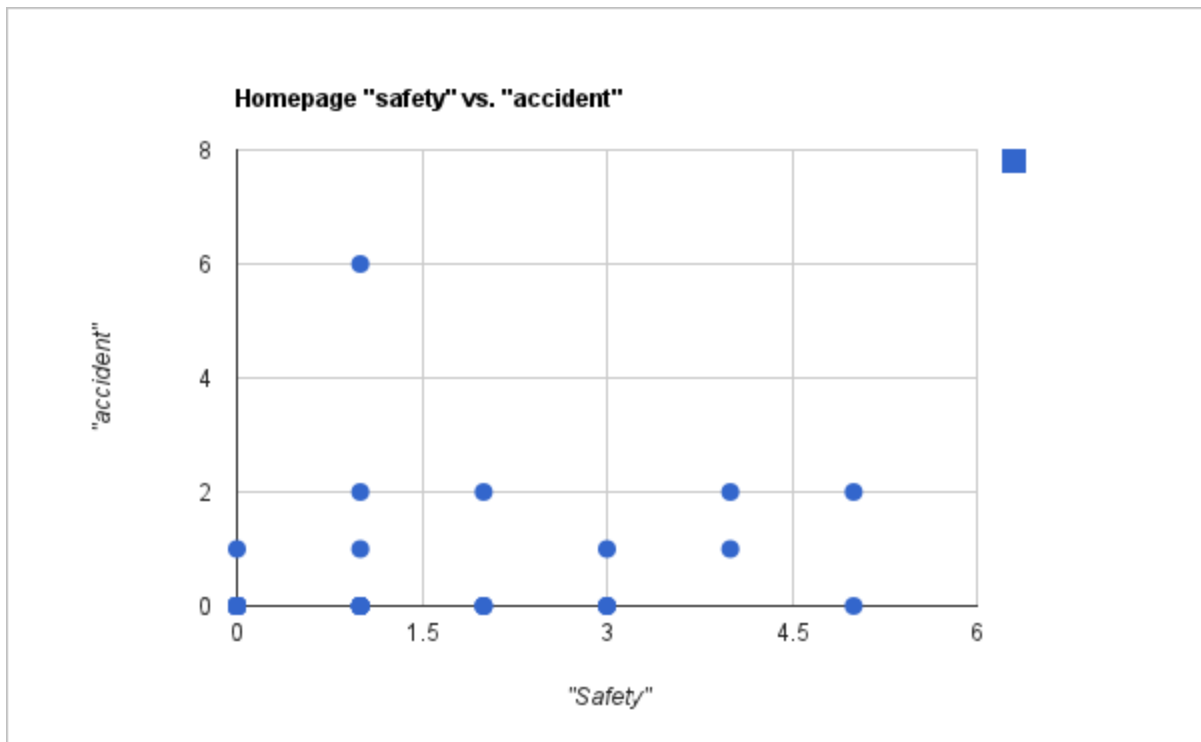


Figure. Number of Homepage hits for "safety" vs. number of hits for "accident".





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Niko Porjo 2012. Please cite as Porjo, N., "Accident info comparison", March 2012, [www.zygomatca.com](http://www.zygomatca.com)

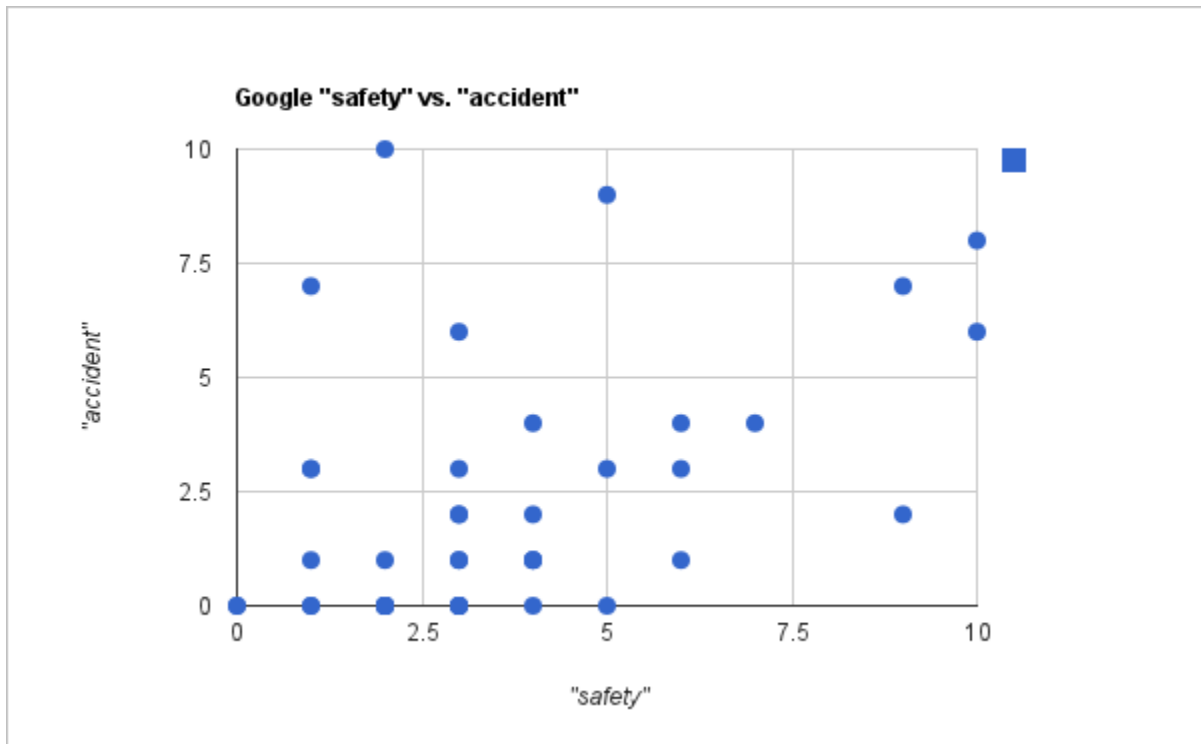


Figure. Number of Google hits for "safety" vs. number of hits for "accident".



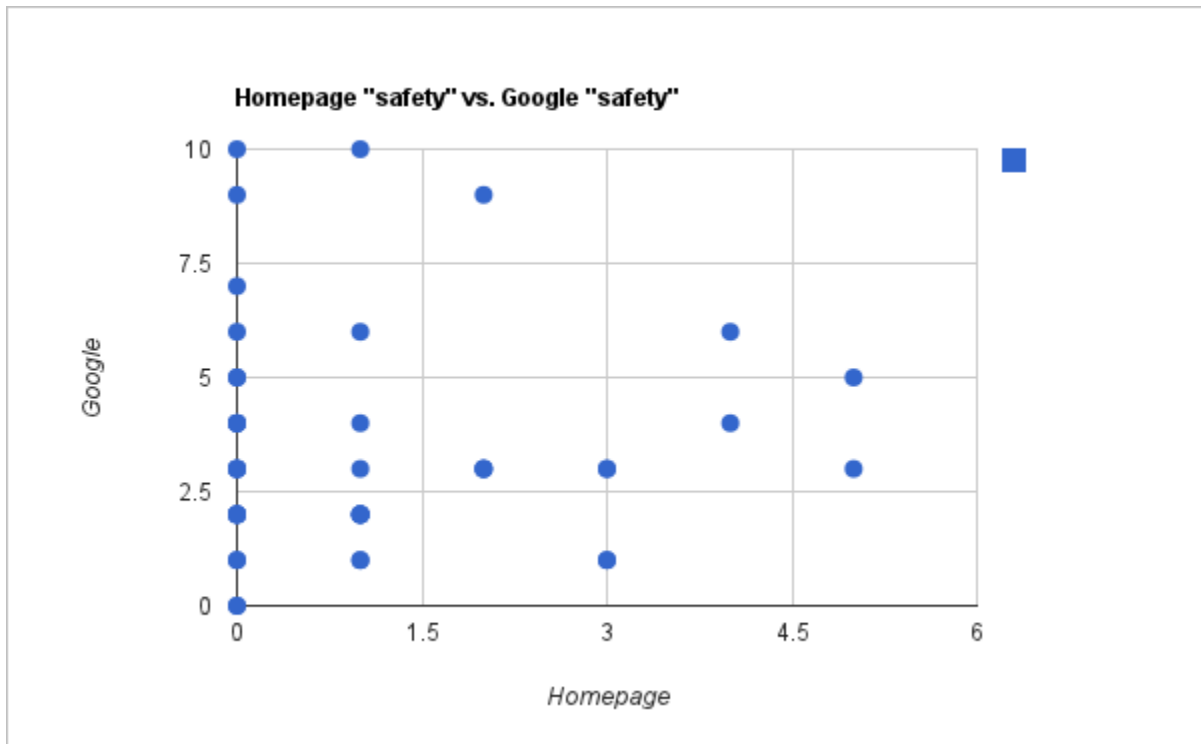


Figure. Number of hits for "safety" Homepage vs. Google.

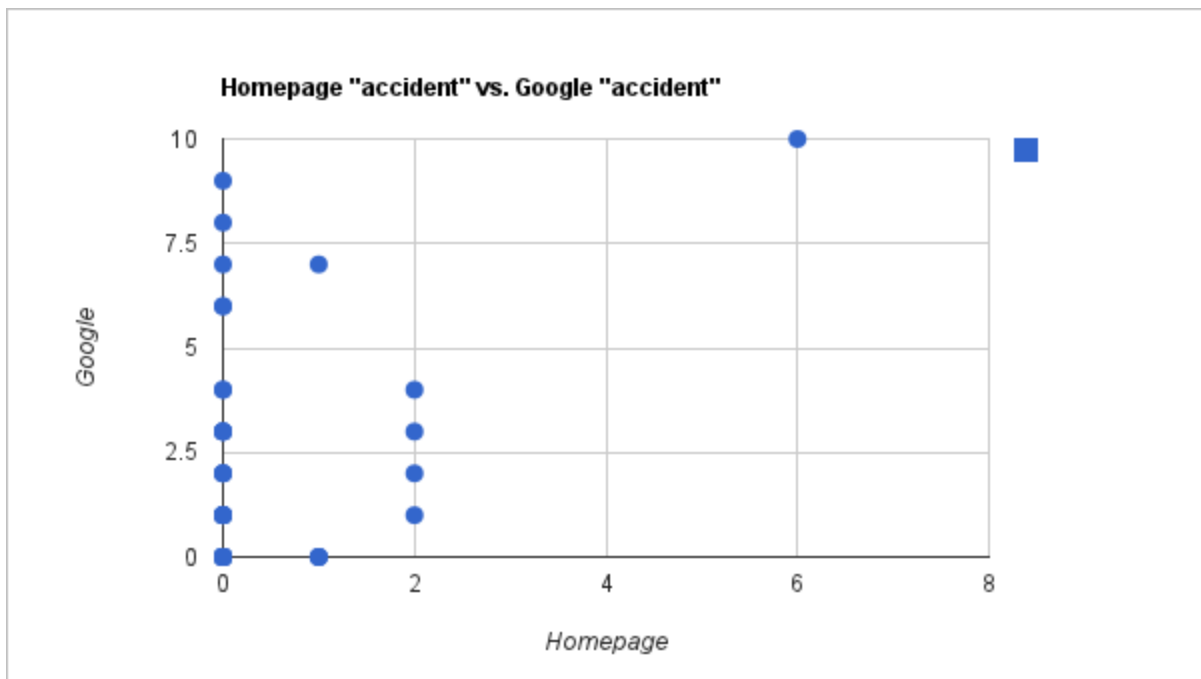


Figure. Number of hits for "accident" Homepage vs. Google.

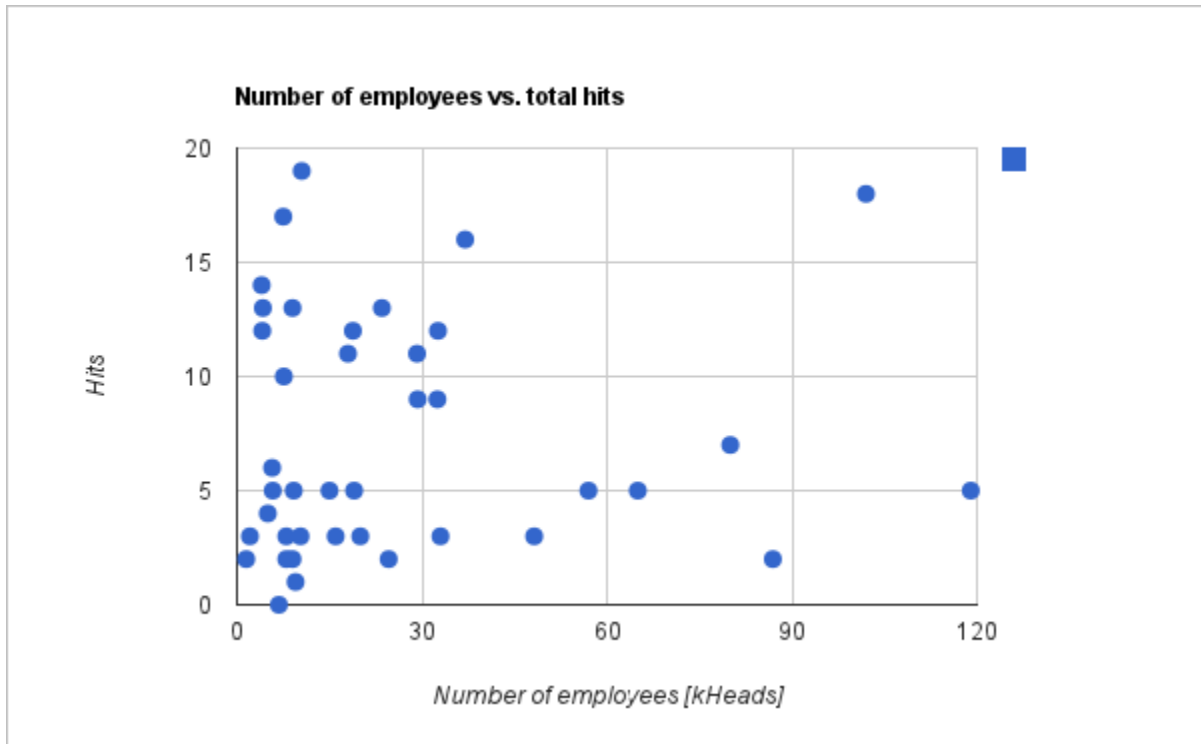
### Number of employees vs. hits







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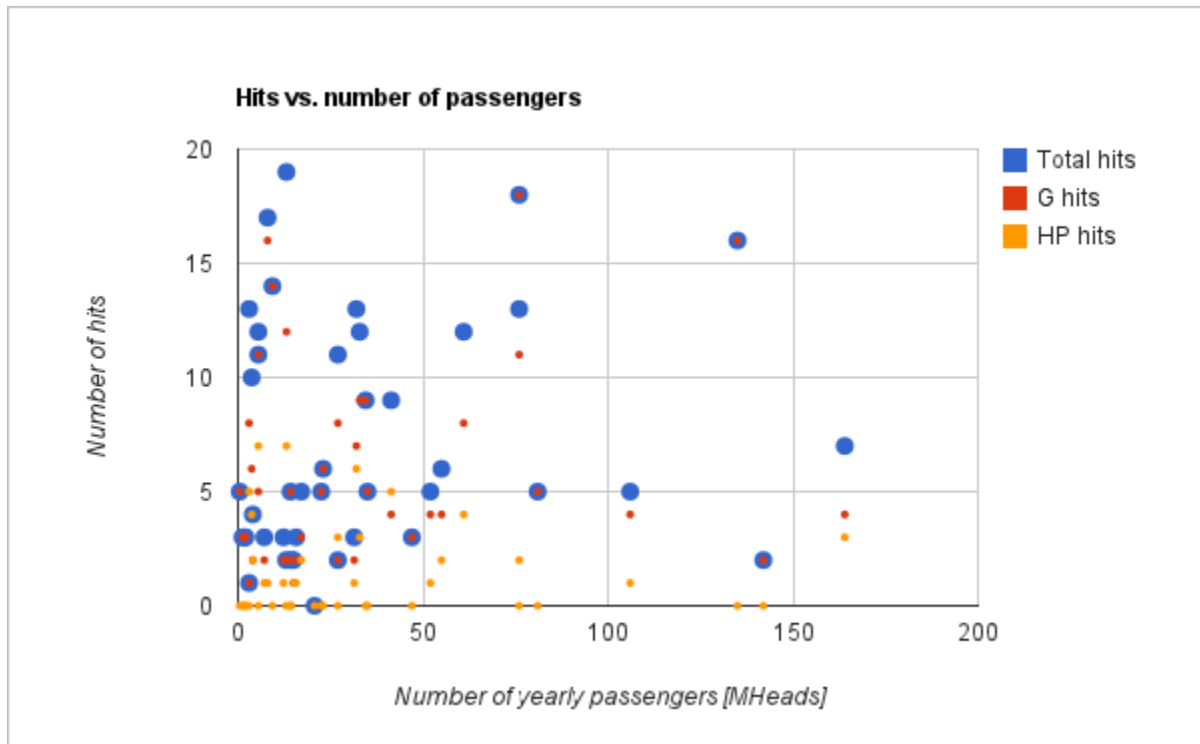


Figure. Comparison of number of hits with different searches vs. number of yearly passengers.



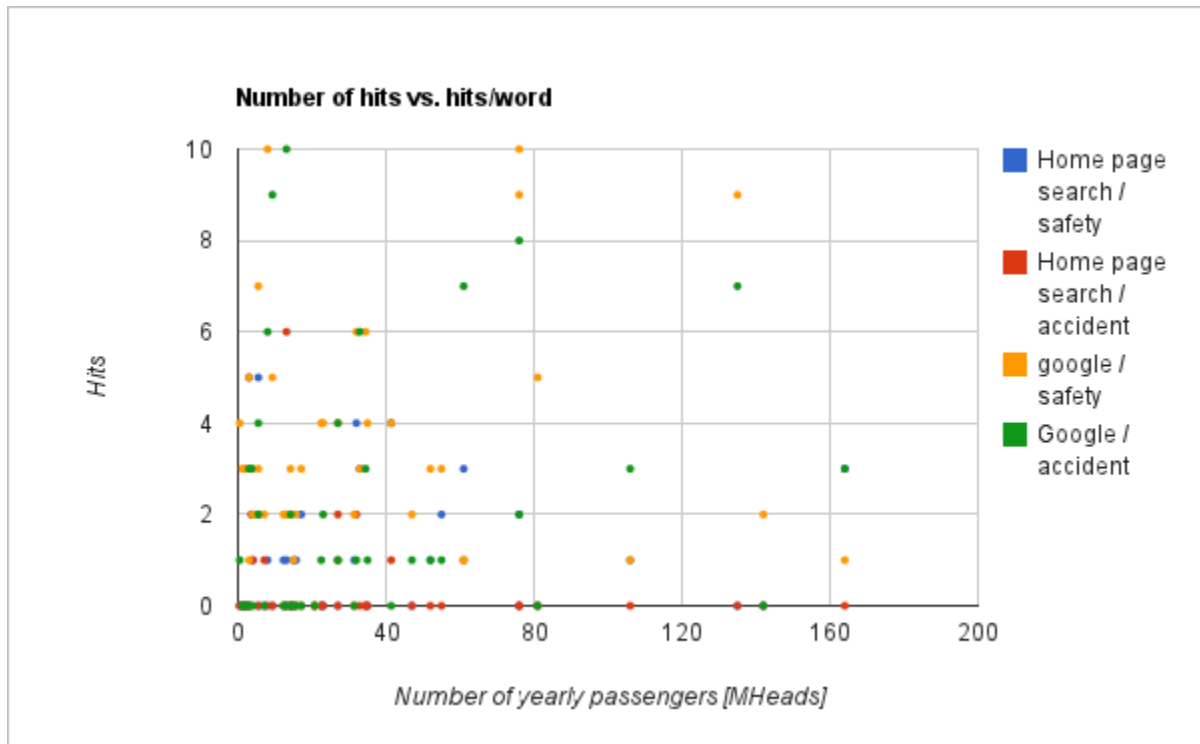


Figure. Number of hits with different searches vs. number of yearly passengers.



## Revenue vs. hits

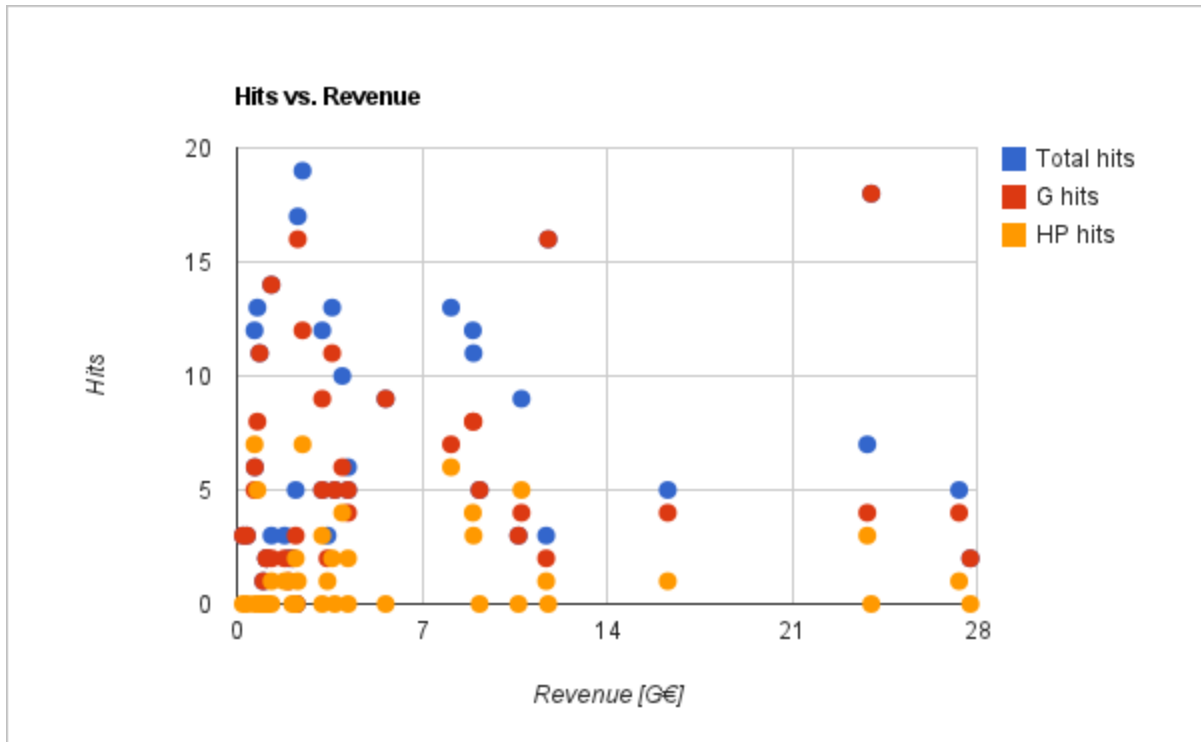


Figure. Revenue vs. both searches and total hits.





## Year founded vs. hits

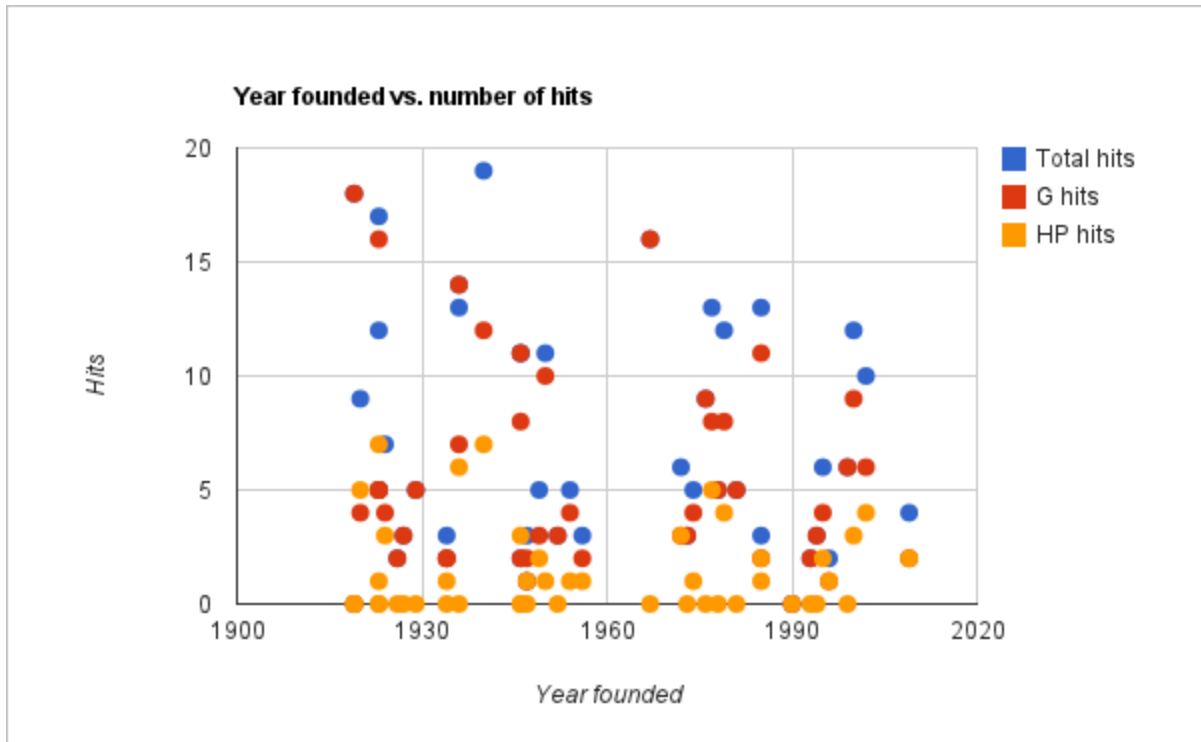
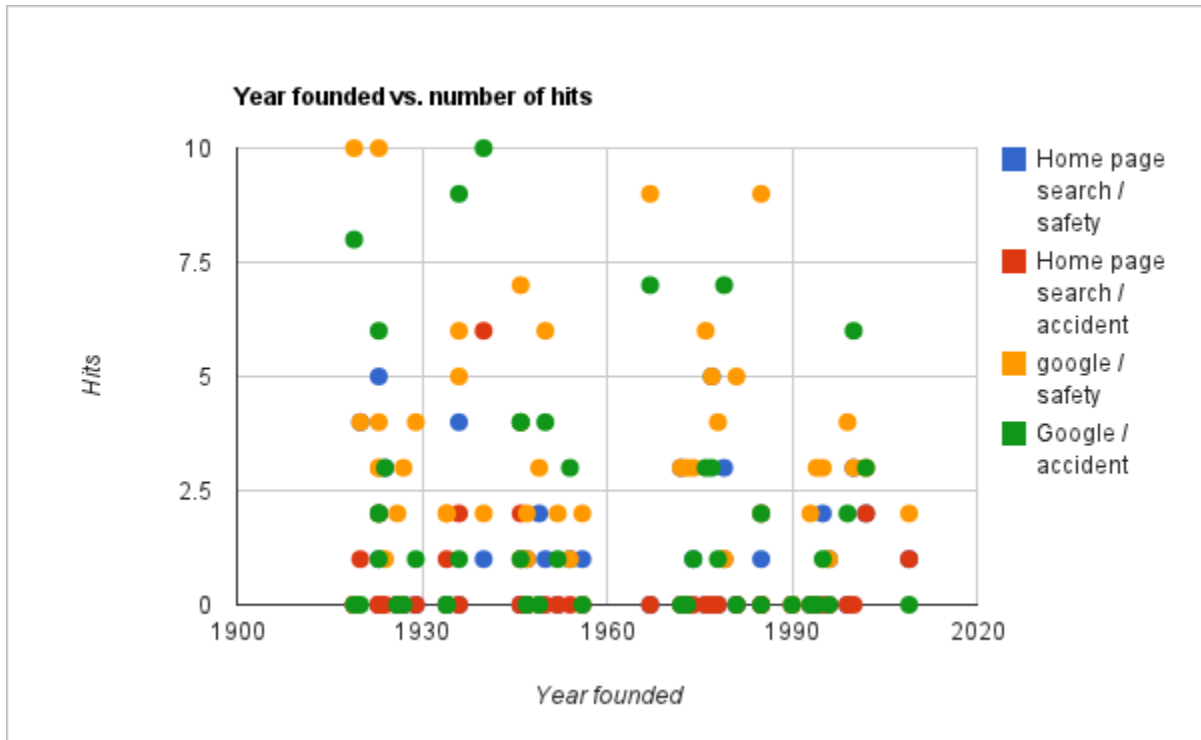


Figure. Year founded vs. number of hits per search and total number of hits.



*Figure. Year founded vs. number of hits for each word and search.*



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## GDP (PPP) vs. hits

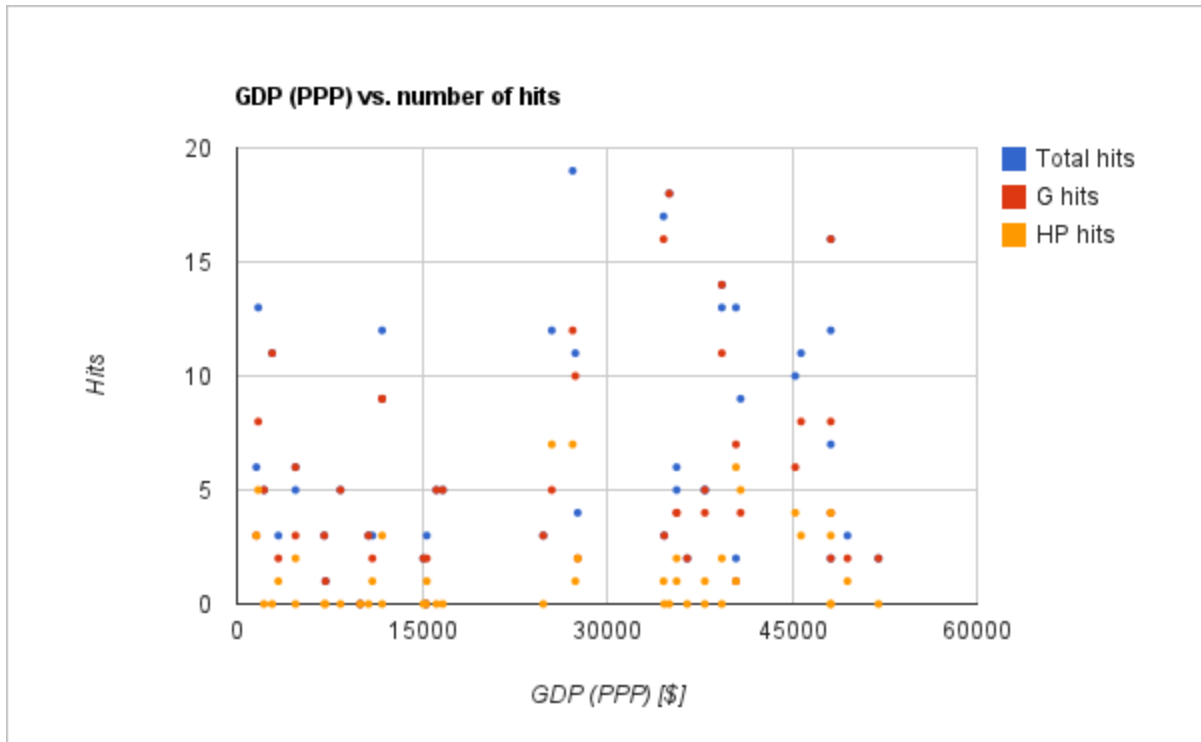
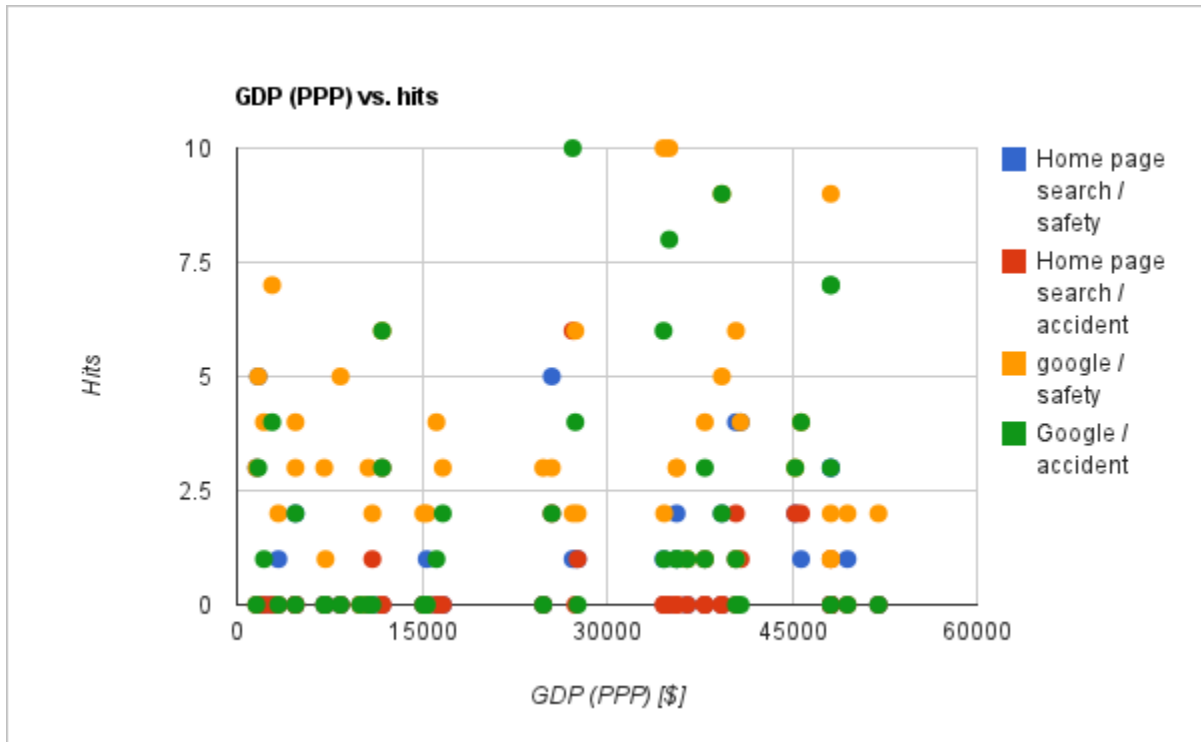


Figure. Gross Domestic Product (Purchasing Power Parity) vs. number of hits per search



*Figure. Gross Domestic Product (Purchasing Power Parity) vs. number of hits per search/word*



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## Corruption vs. Hits

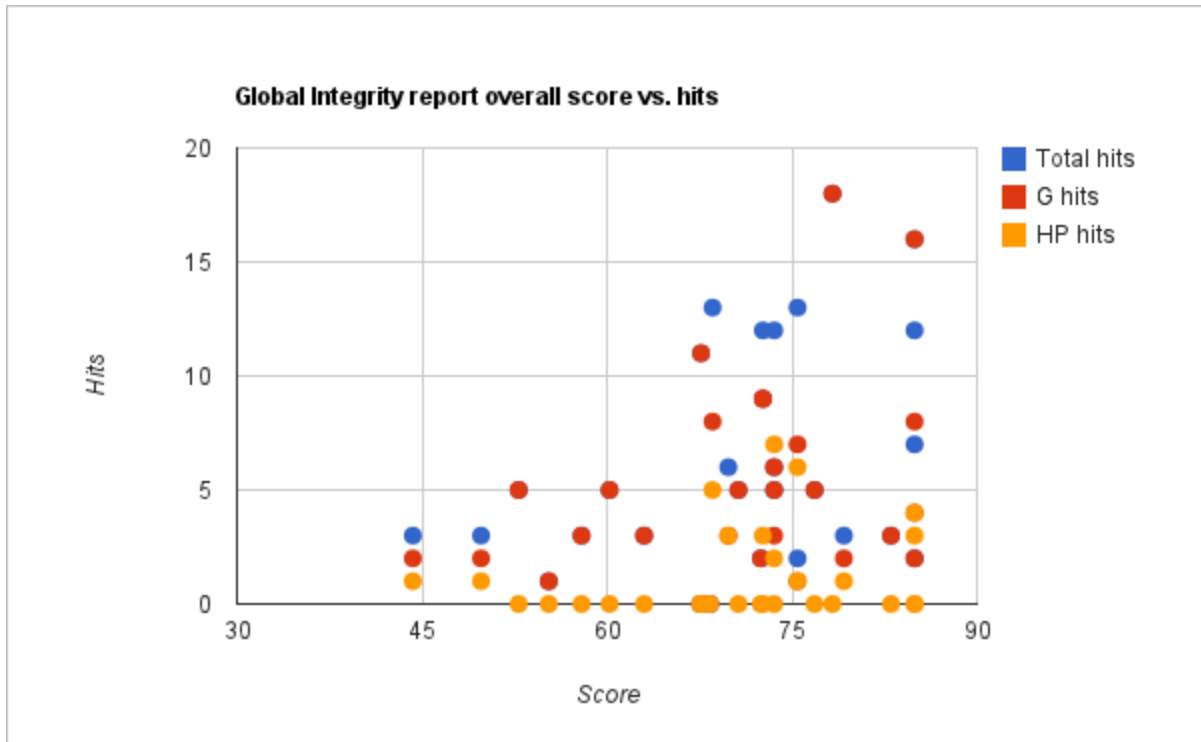
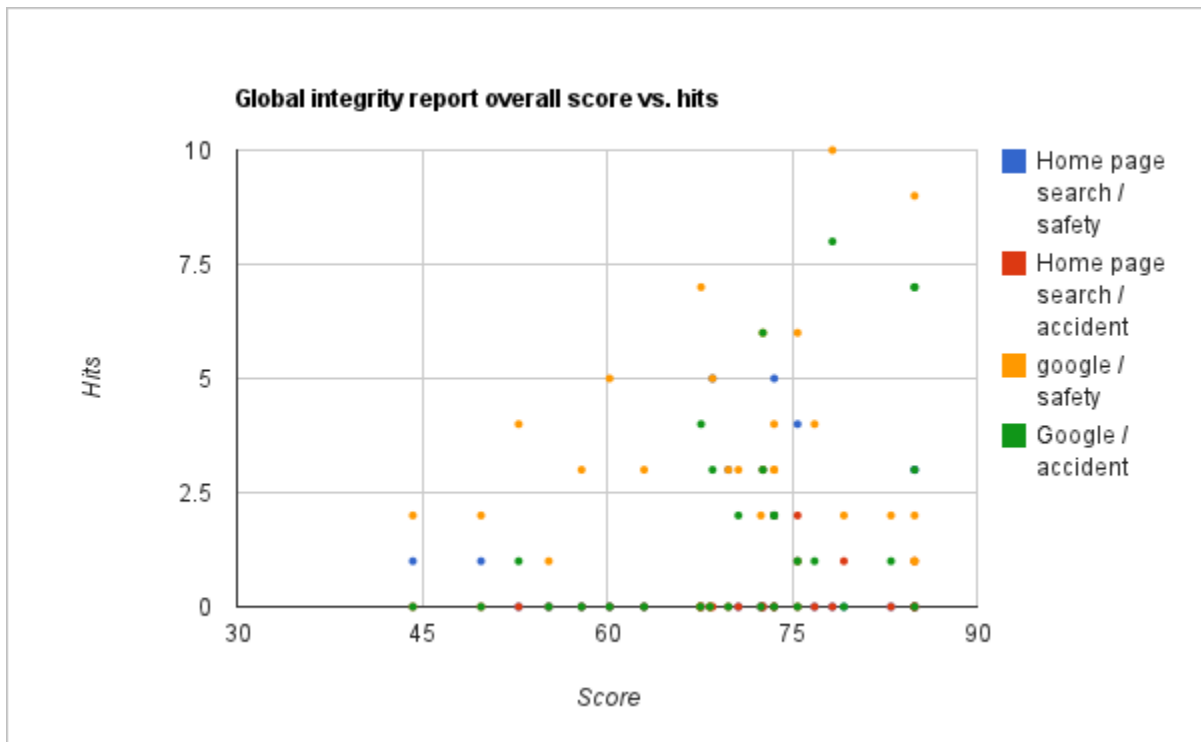


Figure. Global Integrity report overall score vs. number of hits/search.



*Figure. Global integrity report overall score vs.hits per search/word*



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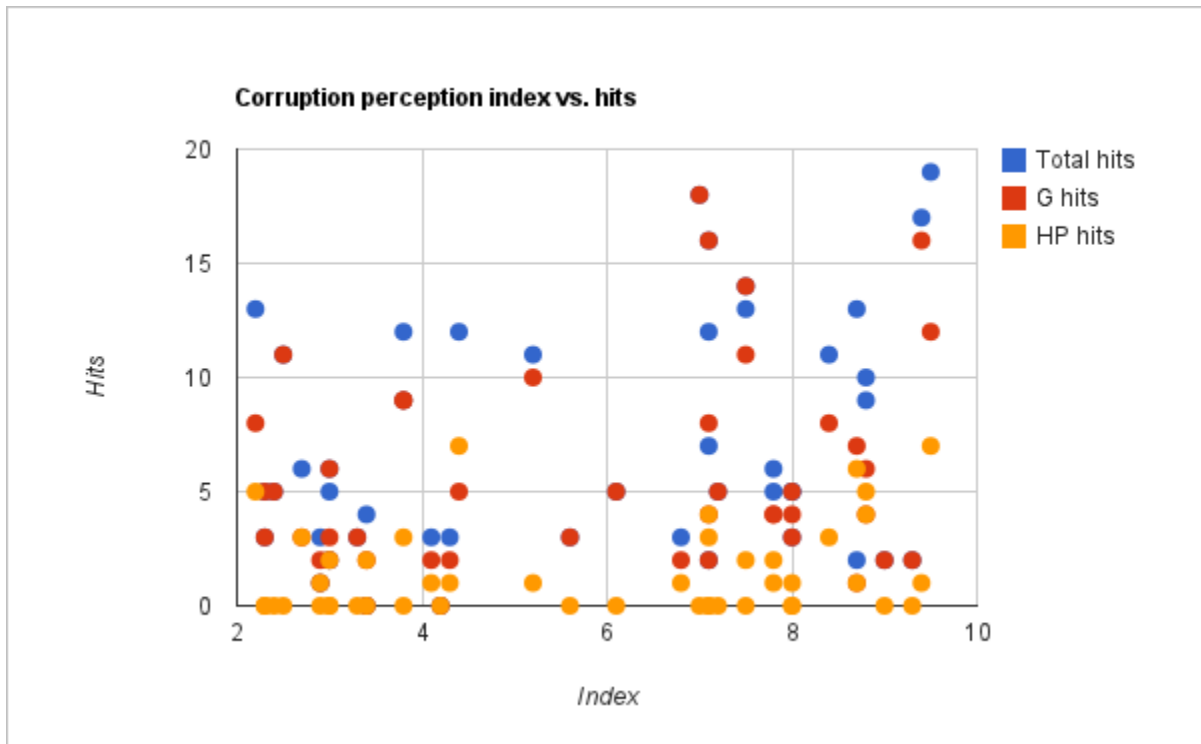


Figure. Corruption perception index vs.hits per search.



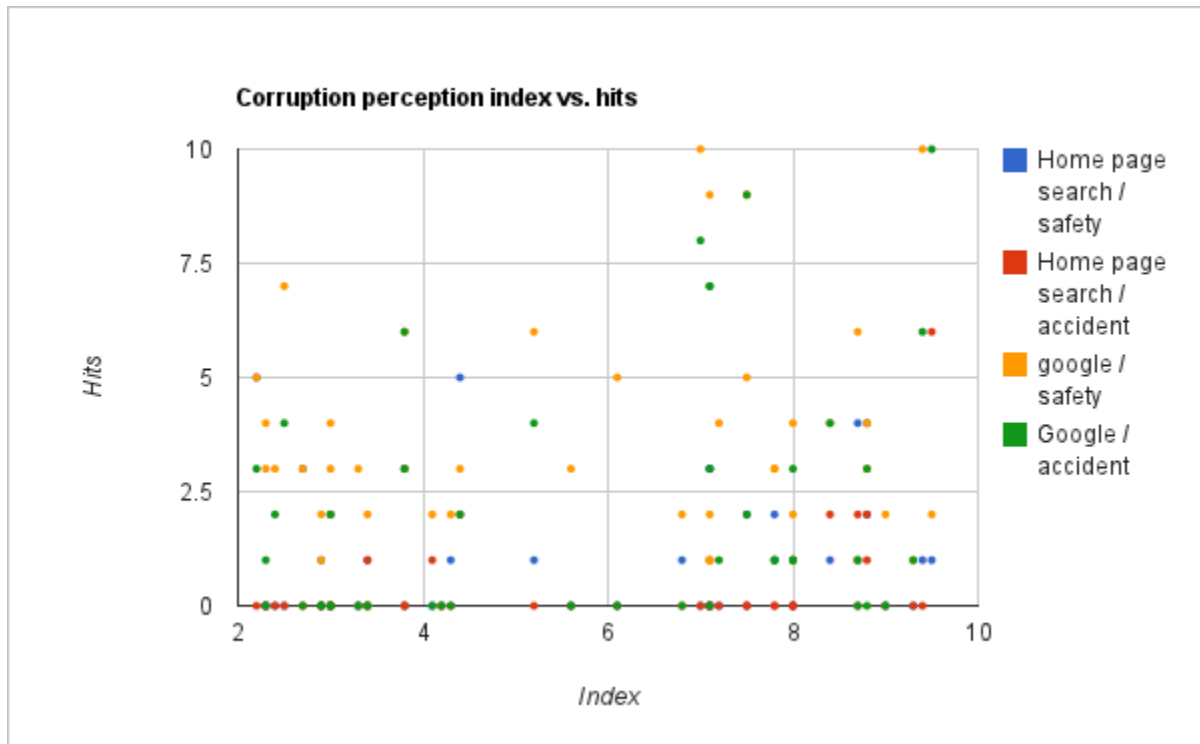


Figure. Corruption perception index vs. hits per search/word

Table. Correlation coefficient between Global Integrity report overall score and link counts and Corruption perception index and link counts.

	Total	HP	G
Correlation coefficient Integrity	0.375105009861364	0.200974424487862	0.333677477386494
p-value	0.045	0.2958	0.0769
Correlation Perception	0.306015259162612	0.216362353433556	0.255872671717401
p-value			



## Alliance membership and median/mean number of hits

Table. Effect of alliance membership on the median and mean number of hits.

		Alliance			
		None	Oneworld	Skyteam	Star Alliance
	Members	20	6	9	11
Median number of hits	HP safety	0.0	1.0	1.5	0.0
	HP accident	0.0	0.0	0.0	0.0
	G safety	3.0	4.0	3.0	2.0
	G accident	0.0	1.0	1.0	1.0
	HP total	0.0	1.0	1.5	1.0
	G total	3.0	5.0	4.5	4.0
	Total	4.5	7.0	6.0	5.0
Mean number of hits	HP safety	1.1	2.5	0.9	1.3
	HP accident	0.2	0.3	1.0	1.0
	G safety	4.3	3.2	2.5	5.6
	G accident	2.0	1.3	2.4	3.2
	HP total	1.3	2.8	1.9	4.0
	G total	6.2	4.5	4.9	4.5
	Total	7.5	7.3	6.8	6.8

## IATA membership and median/mean number of hits

Table. IATA membership and median/mean number of hits

		Non members	members
	number	10.00	36.00
Median number of hits	HP safety	0	1
	HP accident	0.0	0.0
	G safety	3.5	3.0
	G accident	1.5	1.0
	HP total	0.5	1.0
	G total	5.5	4.0
	Total	6.0	5.0
Mean number of hits	HP safety	0.8	1.1
	HP accident	0.1	0.5
	G safety	4.4	3.3
	G accident	2.3	2.0
	HP total	0.9	1.6
	G total	6.7	5.3
	Total	7.6	6.9

## Date of last incident vs. number of hits



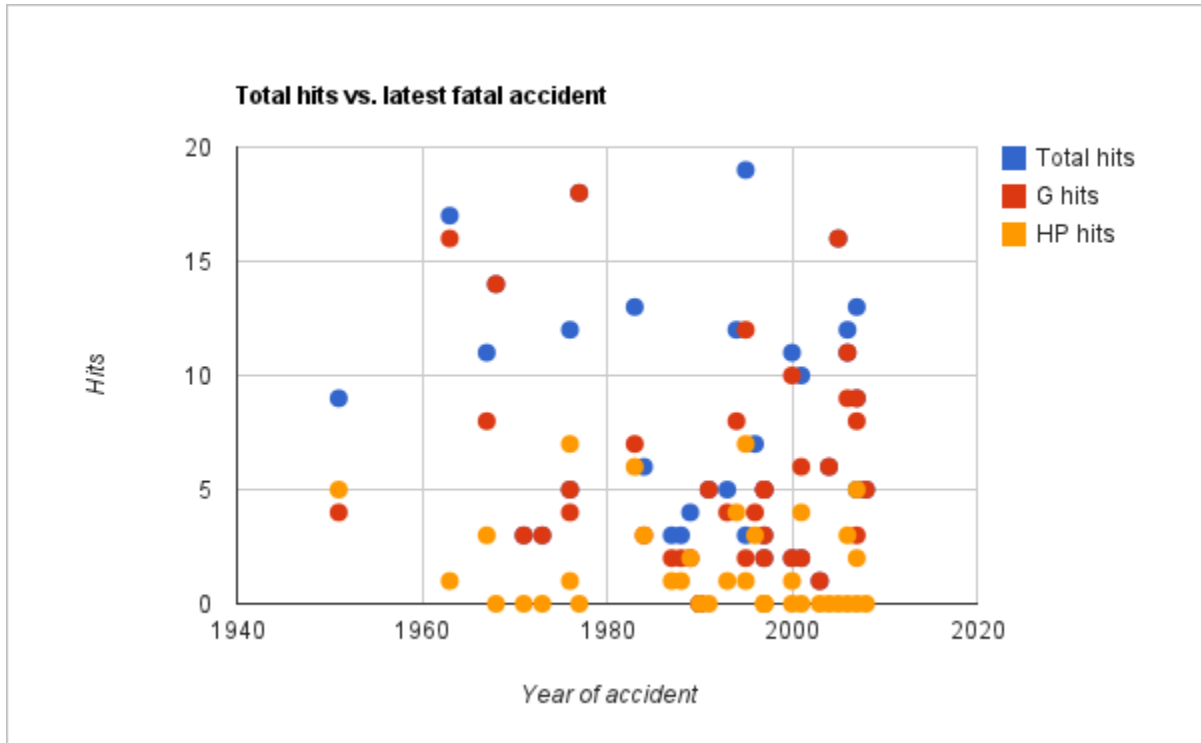


Figure. Date of latest fatal accident vs. total number of hits.

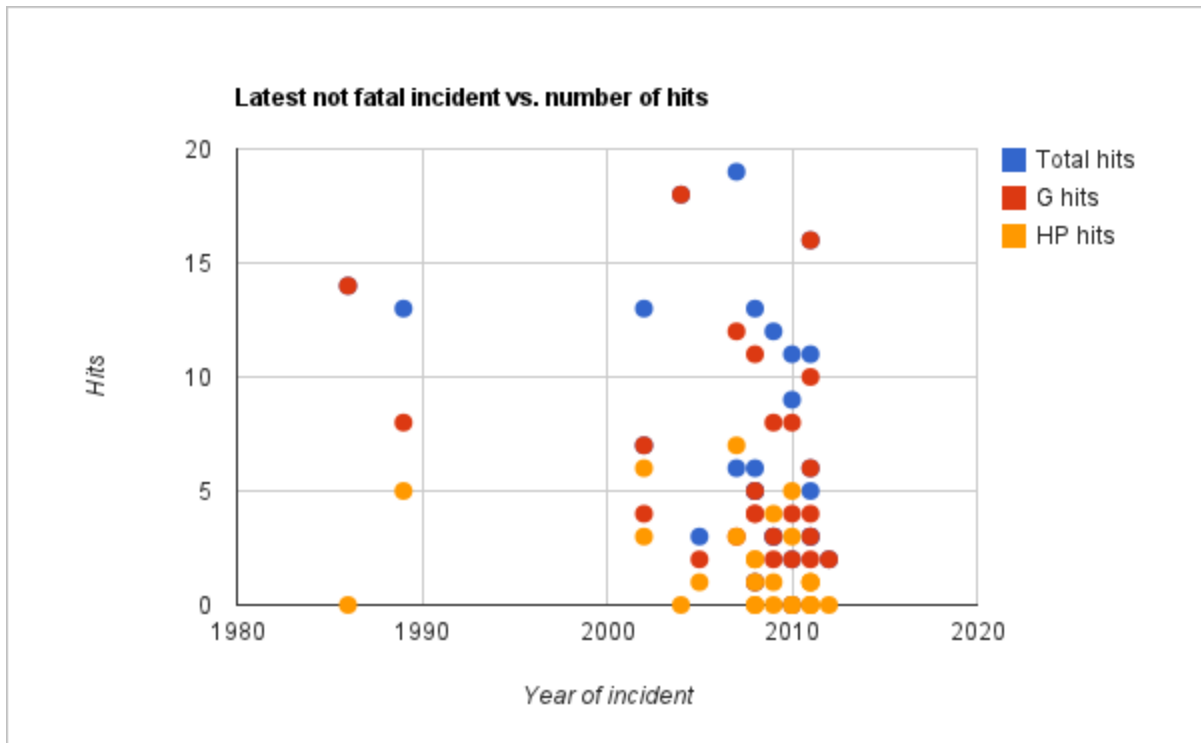


Figure. Date of latest nonfatal accident vs. total number of hits





Figure. Latest fatal or nonfatal accident (which later) vs. number of hits

Table. Correlation coefficients for latest accident date vs. number of hits.

Correlation Coefficients	Total	Google	Homepage
Latest fatal	-0.1772	-0.1106	-0.1943
Latest not fatal	-0.4013	-0.3546	-0.2448
Latest either	-0.1900	-0.1753	-0.0935
p-values			
Latest fatal	0.2873	0.5086	0.2424
Latest not fatal	0.038	0.0695	0.2185
Latest either	0.228	0.2669	0.5557

