

An Analysis of new GTLD Universal Acceptance

July 2015
APNIC Labs

APNIC Labs has been delegated 304 distinct sub-zones of generic top-level domains for the purposes of measuring overall and per-country acceptance of these domains by end users and the DNS system as a whole. While no systematic complete block of any particular top level domain across the entire Internet was detected using this measurement process, there are some indications that some Internationalized Domain Name (IDN) domains, and some specific domains in some countries are not universally accessible.

APNIC Labs was requested to explore an aspect of “Universal Acceptance” by testing the visibility of names within certain new Generic Top Level Domains (gTLDs) by end users. In this context visibility of a domain name is both a function of the DNS (Can names within a GTLD be successfully resolved by users’ DNS resolvers?) and a function of the web (Can URLs using names within a GTLD be fetched by users’ browsers?). A combination of DNS and HTTP fetches are performed by the APNIC Labs measurement system, and this permits both visibility considerations to be tested per user for a collection of names from within a set of new gTLDs, for a large random selection of users worldwide.

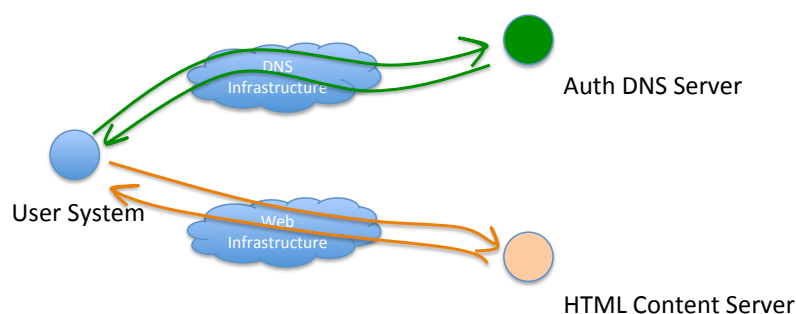
The Test Process

Between the 9th of June 2015 and the 10th of July 2015, APNIC ran a total of 184,031,694 tests, involving 36,641,711 end users. We excluded from consideration those instances where the user’s system did not complete execution of the test script (they failed to return an explicit end-user result marker), leaving 23,482,778 distinct users testing 117,413,893 domain names.

Total Users Tested:	36,641,711	
Total Domain Tests:	184,031,694	5.0224 tests/user
Result-confirming Users:	23,482,778	
Result-confirming Tests Applied:	117,413,893	5 tests / user.

The test script requests the retrieval of five URLs, each involving a unique domain name within each of 5 distinct gTLDs drawn from the larger set of gTLDs being tested. The test also involves a “result” fetch, which is executed either when the other five URLs have been retrieved or when a 10 second timer has elapsed. The “result” fetch includes additional arguments in the fetch string which are the encoded client-side measurements of the elapsed time taken to retrieve each of the URLs, or a “null” value if the URL was not retrieved when the 10 second timer occurred. The domain names themselves are not included in these arguments, but instead an index into the complete wordlist is used. In a small number of cases the user completed the fetch some time after the 10 second timer had expired, and in these cases we used the fetch as an indicated that the user was able to fetch the particular name.

If there is systematic blocking of a name it may occur in a number of places.



- DNS queries for a name may be blocked, in which case the authoritative name servers for the zone will not be passed any DNS queries from the network where the block is being performed.
- A more subtle form of blocking is where the DNS response is used to perform the block, either by substituting a synthetic “no such name” response or by rapidly responding with a synthetic response, so that the resolver will reject the subsequent genuine response as an unsolicited echo. In this case the authoritative name server will still see the DNS queries, but there will be no subsequent fetch of the Web object.
- Another form of blocking is to leave the DNS query and response alone but perform blocking on the Web object fetch. This can be performed by blocking the HTTP web query from reaching the web server. The server infrastructure also sees this as a a DNS query but no matching subsequent Web query.
- The last potential case is blocking of the delivery of the Web response to the client. This is not directly detectable by the server infrastructure, but can be inferred as a possible reason in those cases where the web server reports a URL query and response, yet the user’s result report reports that it did not retrieve the URL.

Methodology

The set of gTLDs, and the names within these GTLDs to test was nominated by ICANN. For each one, a distinct sub-delegation was registered by ICANN, pointing to a second or third-level delegation (depending on the gTLD or ccTLD policy).

The set of registered sub-domains was as follows:

icann.academy	icann.accountants	icann.actor	icann.agency	icann.airforce	icann.army
icann.associates	icann.attorney	icann.auction	icann.audio	icann.band	icann.bar
icann.bargains	icann.beer	icann.best	icann.bid	icann.bike	icann.bio
icann.black	icann.blackfriday	icann.blue	icann.boutique	icann.brussels	icann.build
icann.builders	icann.business	icann.buzz	icann.bzh	icann.cab	icann.camera
icann.camp	icann.capetown	icann.capital	icann.cards	icann.care	icann.career
icann.careers	icann.casa	icann.cash	icann.catering	icann.center	icann.ceo
icann.cheap	icann.christmas	testo.church	icann.city	icann.claims	icann.cleaning
icann.click	icann.clinic	icann.clothing	ekzameno.co.il	icann.coach	icann.codes
icann.coffee	icann.cologne	icann.community	testo.company	icann.computer	icann.condos
icann.construction	icann.contractors	icann.cooking	icann.cool	icann.country	icann.credit
icann.creditcard	icann.cricket	icann.cruises	icann.cymru	icann.dance	icann.dating
icann.deals	icann.degree	icann.delivery	testo.democrat	icann.dental	icann.dentist
icann.desi	icann.diamonds	icann.diet	icann.digital	icann.direct	testo.directory
icann.discount	testo.domains	icann.durban	icann.education	testo.email	icann.energy
icann.engineer	icann.engineering	icann.enterprises	icann.equipment	icann.estate	icann.events
icann.exchange	icann.expert	testo.exposed	testo.fail	icann.farm	icann.fashion
icann.finance	icann.financial	icann.fish	icann.fishing	icann.fitness	icann.flights
icann.florist	icann.flowers	icann.forsale	icann.foundation	icann.frl	icann.fund
icann.furniture	icann.futbol	icann.gallery	icann.garden	icann.gent	icann.gift
icann.gifts	icann.gives	icann.glass	icann.graphics	icann.gratis	testo.gripe
icann.guide	icann.guitars	icann.guru	icann.haus	icann.healthcare	icann.help
icann.hiphop	icann.holdings	icann.holiday	icann.horse	icann.host	icann.hosting
icann.house	icann.how	icann.immo	icann.immobilien	icann.industries	icann.ink
icann.institute	icann.insure	icann.international	icann.investments	icann.jetzt	icann.joburg
icann.juegos	icann.kaufen	icann.kim	icann.kitchen	icann.kiwi	icann.koeln
icann.land	icann.lawyer	icann.lease	testo.lgbt	icann.life	icann.lighting
icann.limited	icann.limo	icann.link	icann.loans	icann.london	icann.maison
icann.management	icann.market	icann.marketing	icann.media	icann.memorial	icann.menu
ekzameno.mobi	icann.moda	icann.moe	icann.money	icann.mortgage	trial.moscow
icann.nagoya	ekzameno.name	icann.navy	icann.network	icann.ngo	icann.ninja
icann.okinawa	icann.ong	icann.ooo	icann.osaka	icann.paris	icann.partners
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icann.press	icann.productions	icann.properties	icann.property	icann.pub	icann.ppon
icann.quebec	icann.recipes	icann.red	icann.rehab	icann.reisen	icann.rentals
icann.repair	icann.report	testo.republican	icann.rest	icann.restaurant	icann.reviews
icann.rip	icann.rocks	icann.rodeo	icann.ryukyu	icann.saarland	icann.sarl
icann.schule	testo.science	icann.services	testo.sexy	testo.shiksha	icann.shoes
testo.singles	icann.social	icann.software	icann.solar	tryout.solutions	icann.soy
icann.space	icann.supplies	icann.supply	icann.support	icann.surf	icann.surgery

testo.sx	tryout.sx	icann.systems	icann.tatar	icann.tattoo	icann.tax
testo.technology	testo.tel	icann.tienda	icann.tips	icann.tires	icann.tirol
testo.today	icann.tokyo	icann.tools	icann.town	icann.toys	icann.trade
icann.training	icann.university	icann.uno	icann.vacations	icann.ventures	icann.vet
icann.viajes	icann.villas	icann.vision	icann.vlaanderen	icann.vodka	icann.voting
icann.voyage	icann.wales	tryout.wang	icann.watch	icann.webcam	icann.website
icann.wedding	icann.whoswho	icann.wien	testo.wiki	icann.work	icann.works
icann.world	testo.wtf	testo.xyz	icann.yoga	icann.yokohama	icann.zone

icann.xn--6qq986b3xl	xn--80akhbyknj4f.xn--80adxhks
xn--80akhbyknj4f.xn--80asehdb	xn--80akhbyknj4f.xn--80aswg
xn--80akhbyknj4f.xn--c1avg	xn--11b5bs3a9aj6g.xn--i1b6b1a6a2e
xn--hgbk6aj7f53bba.xn--mgbab2bd	xn--hgbk7fnr.xn--ngbc5azd
xn--hgbk6aj7f53bba.xn--mgbab2bd	icann.xn--q9jyb4c

The registration for “testo.tel” was not successful. However tests were made against this name. This stands as a ‘control fetch’ of a non-delegated domain and should show for any sub-sample of our experiment a complete failure to fetch the test in DNS and the Web.

The domain name “eczameno.co.il” was included as a check of what has been commonly assumed to be the existence of systematic filtering of the “.il” ccTLD by some countries or networks. This was observed to be the case in two countries, and this particular name test stands as a control indicating that this test process can detect systematic filtering of DNS and web where it is believed to exist.

Two subdomains were included from the ccTLD “.sx” being “testo.sx” and “tryout.sx” –which caused approximately double the sample rate of other gTLD/ccTLD. This has been adjusted for in the presentation of results.

Measurement activity began before the 9th of June. A stable set of domains existed with indexing by the 9th, and a brief window of ‘catch-up’ testing was performed with a subset of domains to equalize the query load per domain, before a unified test sequence was run to the completion of the tests on the 10th of July.

The NS of this listed delegation was assigned to an IPv4 and IPv6 address of a DNS and Web server operated by APNIC Labs in a data centre located in Dallas, Texas. Each zone was declared to exist with this server as the sole authoritative server for the zone. The zone was populated with a wildcard entry, and unique name label elements were included in every test, to that the corresponding DNS address resolution queries for any domain name would be answered by the server as there was no prior cached entry for each unique name. The address record of the name was again that of this server, so any consequent activity, such as the fetch of a web object, would also be directed to this server.

APNIC Labs configured its measurement system to proffer 5 selections from the list of names to each client performing the measurement. The 5 names were taken in sequence from the list, modulo the list size (i.e. it operated as a ‘ring buffer’ and at index 304 into the list, it reset to index 1,2,3 &c) so that each client was asked to fetch 5 distinct named entities drawn from the entire list of delegated names.

Each client is selected at random by virtue of the measurement script being embedded in an online advertisement system (operated by Google), so that the client selection and subsequent measurement activity is based on advertisement impression. This resulted in an overall test volume for each of the 304 names of approximately 500,000 and 1,200,000 clients in this 30 day interval.

Data Analysis

The experiment has been structured such that a series of DNS queries and Web fetches can be successfully matched against an individual experiment by the use of placing a number of fields in the unique name part of the test domain names. This includes a unique common substring for each executing of the experiment, so that the 5 tested names and the result line will share this unique common substring. The time when the test was created is also included that that we can distinguish between the initial execution of the script and any subsequent execution of the script by caches and other forms of middleware.

For each experiment we derived a unique identity string encoded into the domain name, which became an ‘experiment’ identifier. This identifier was then cross-correlated into the DNS and Web and used to combine with the results line, to form a flag setting for that name:

1. Result Line seen. This was to exclude random drop, loss or non-completion of the experiment. Although more experiments were run than proffered a result line, filtering to only those that provided a results fetch gives us a higher confidence in the outcome.
2. DNS seen. This confirmed a DNS request for the 'A' record was logged by the authoritative DNS server.
3. Web seen. This confirmed that a web blot was fetched for the name. If the result line at 10 seconds responded 'null' but we subsequently saw a fetch inside 120 seconds of the original experiment, we marked it as fetched.

The total number of experiments per gTLD, per economy, and the flags were collated, and are presented below as a list of 304 names, where the bar encodes in sequence:

- the total of proffered experiments (and did not necessarily generate a result) (orange)
- the % which successfully fetched a 1x1 with dns (green)
- the % which were seen to fetch the dns but did not complete a web fetch (red)
- the % which did neither dns nor web (blue)
- the % which performed a web fetch, but it was not recorded in the result (black)

If no clients that were posed a test for a particular domain name in a country then the result is shown as a white bar.

Results

Several broad sub-classes of outcome are visible across the collections of per-country results:

- Countries with no visible pattern of filtering in DNS and Web. These economies show a slight variable quantity of experiments presented but not fetched, but where a DNS fetch is made, the web fetch is generally possible. Most western economies, G20/G8 economies display this pattern. A good example of this class of countries is France. Within this class of behavior there are eleven names are showing a problem. One of these is the .tel name which is undelegated. The remaining ten names are IDN names, and while all users appear to be querying the DNS for this name, 10% of users do not perform web fetches for eight of these names, and 20% of names are seen as web fetches, but not reported in the client-side result report. In two cases and this figure rises to 30% of users who do not perform a DNS query for the name, but there is a drop in the number of unreported web fetches.
- Countries where there is a delay or loss component in the DNS but no signs of systematic filtering. These tended to be isolated island or emerging internet economies, with additional RTT delay to the DNS and web, or where use of proxy services is suspected. Examples of this class of countries include Fiji (FJ) Kenya (KE) and New Caledonia (NC). It is possible some of the loss of web fetch is proxies, or other intermediary systems.
- Countries where insufficient samples were seen across the entire set of domains to make any clear statement, such as Eritrea (50 samples) Falkland Islands (70 samples).
- ISO3166 Economy codes which have no assigned IP addresses visible in the testing regime. These economies are:

AQ	Antarctica
BL	St Barthelemy
BV	Bouvet Island
CC	Cocos (Keeling) Islands
CX	Christmas Island
EH	Western Sahara
GS	South Georgia & the South Sandwich Islands
HM	Heard Island & McDonald Islands
NF	Norfolk Island
PN	Pitcairn
SH	St Helena
SJ	Svalbard & Jan Mayen
TF	French Southern & Antarctic Lands
UM	US minor outlying islands

There are two clear instances of systematic name blocking at a national level that are visible in this data, namely Iran (IR) and Syria (SY). Iran is blocking web access to “.il” domain names. Interestingly, there is no visible issue with the use of IDN names in Iran, and the 18% failure rate for IDN names is not visibly different to the failure rate associated with other names. Iran is also showing some level of inability to access “.sexy” with a 40% failure rate for Web retrieval. Syria also appears to block “.il” domain names, but in this case users in Syria also show some issues with the web retrieval of IDN names.

There appears to be a widespread issue with the visibility of IDN names. Given the preponderance of Windows based systems in the measurement technique being used here, we believe this will ultimately relate to a specific Windows browser version. Further study is required to confirm which systems and browser components may be causing this effect.

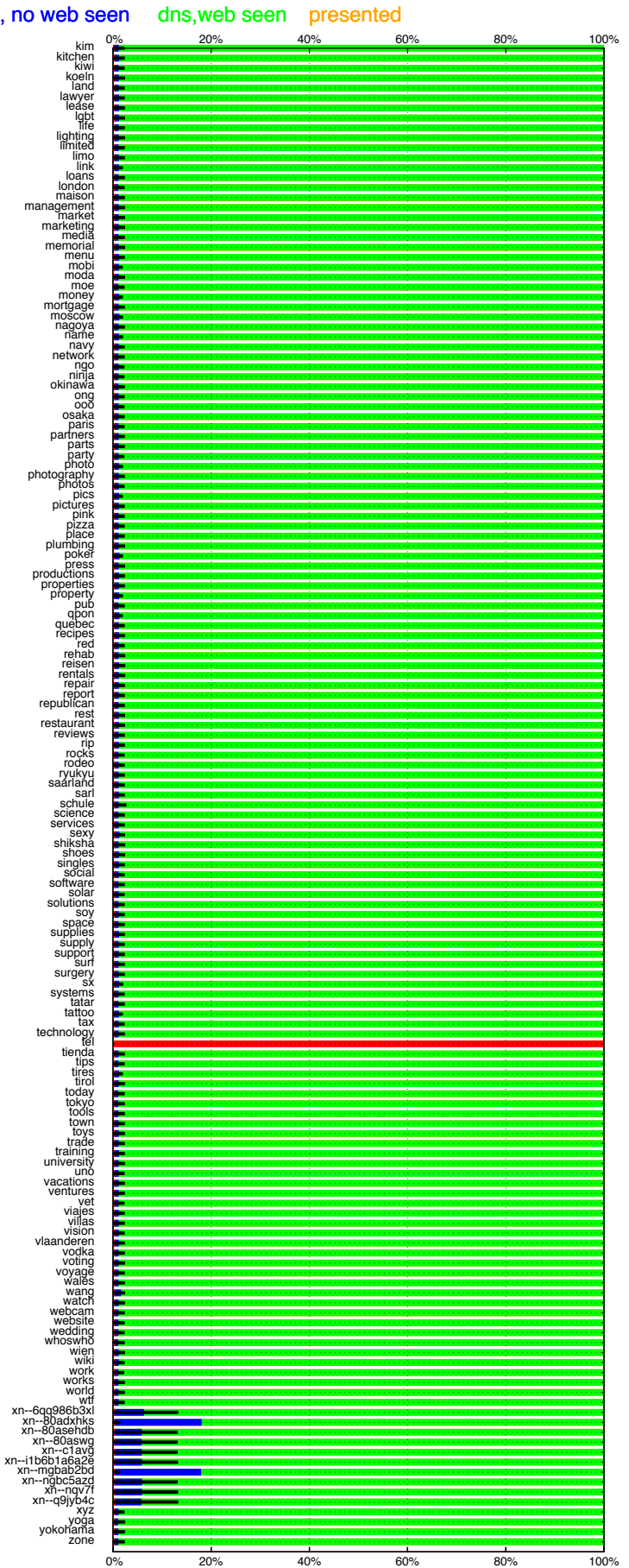
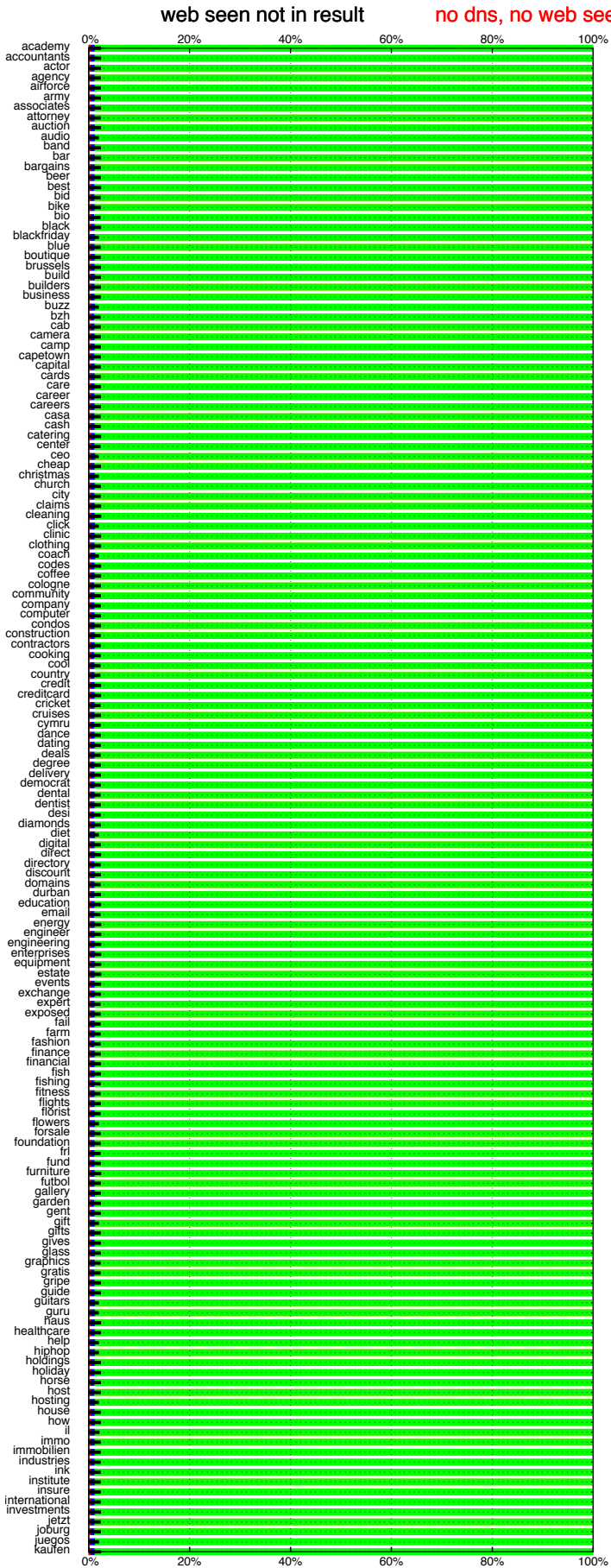
Conclusions

There is little evidence in the measurements conducted by APNIC Labs of any form of widespread systematic blocking of particular gTLD names at a national level for this subset of recently introduced gTLD names for “conventional” (non –IDN) names.

One country (Iran) shows some evidence of a piecemeal block of names within the “.sexy” gTLD.

On the other hand, IDN names do not appear to be universally accepted, and all ten IDN names tested here showed some degree of failure on the part of the users. Two names in particular, xn--80adxhks (Moscow) and xn--mgbab2bd (Bazaar), appear to be significantly more prone to failure than the other IDN names being tested, while the other names showed both failure to perform a web fetch, and failure to include the web fetch into the reported results. It is unclear why two IDN names have a higher failure rate than the other eight, nor is it clear at this point why the failure profile differs between these two IDN names and the other eight. This could be further investigated by a combination of browser string analysis from this test log and testing of particular operating system/browser combinations.

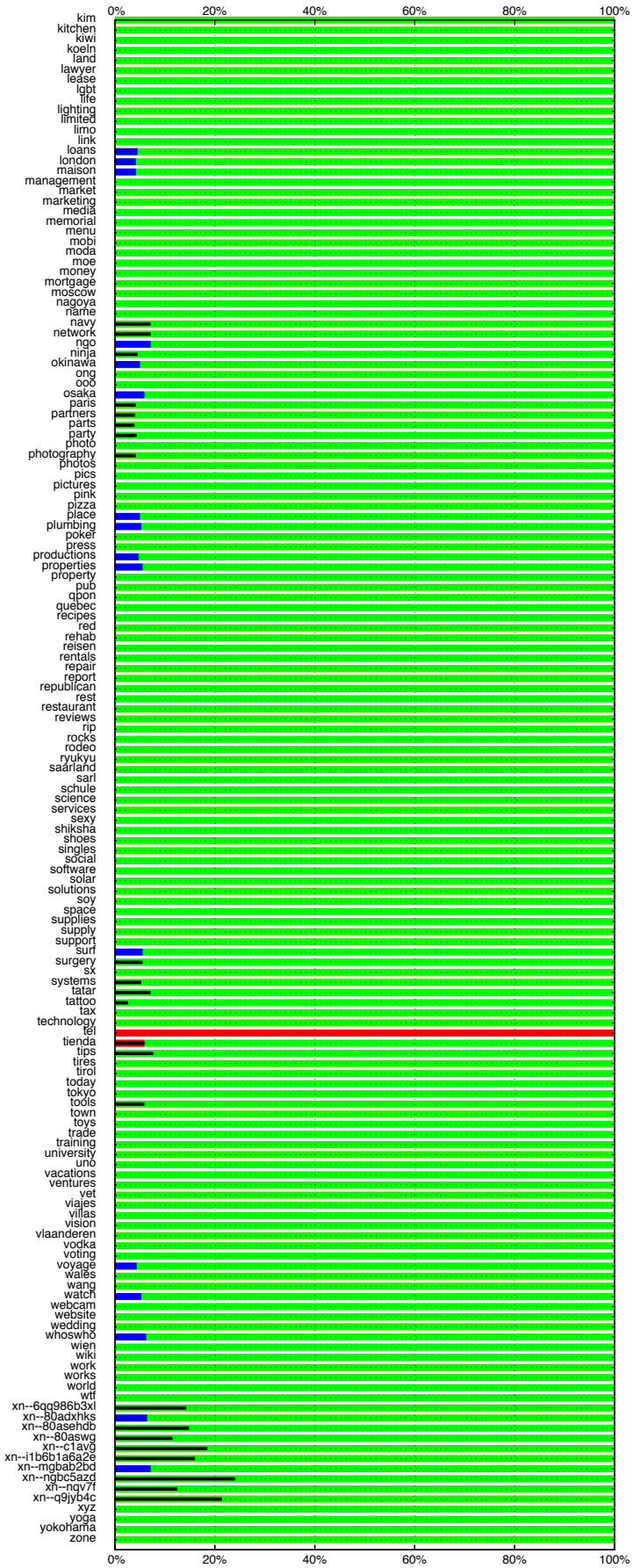
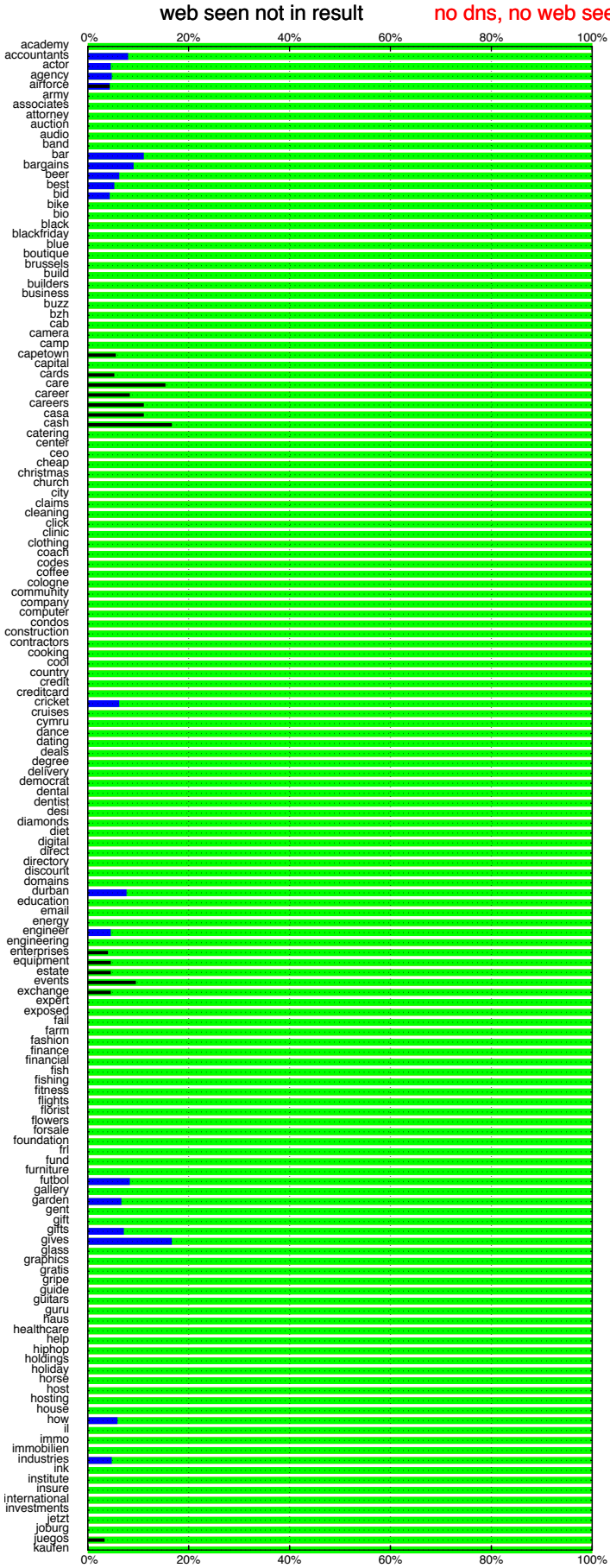
XA - The World - Samplecount: 114382226



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

XA - The World - Samplecount: 114382226

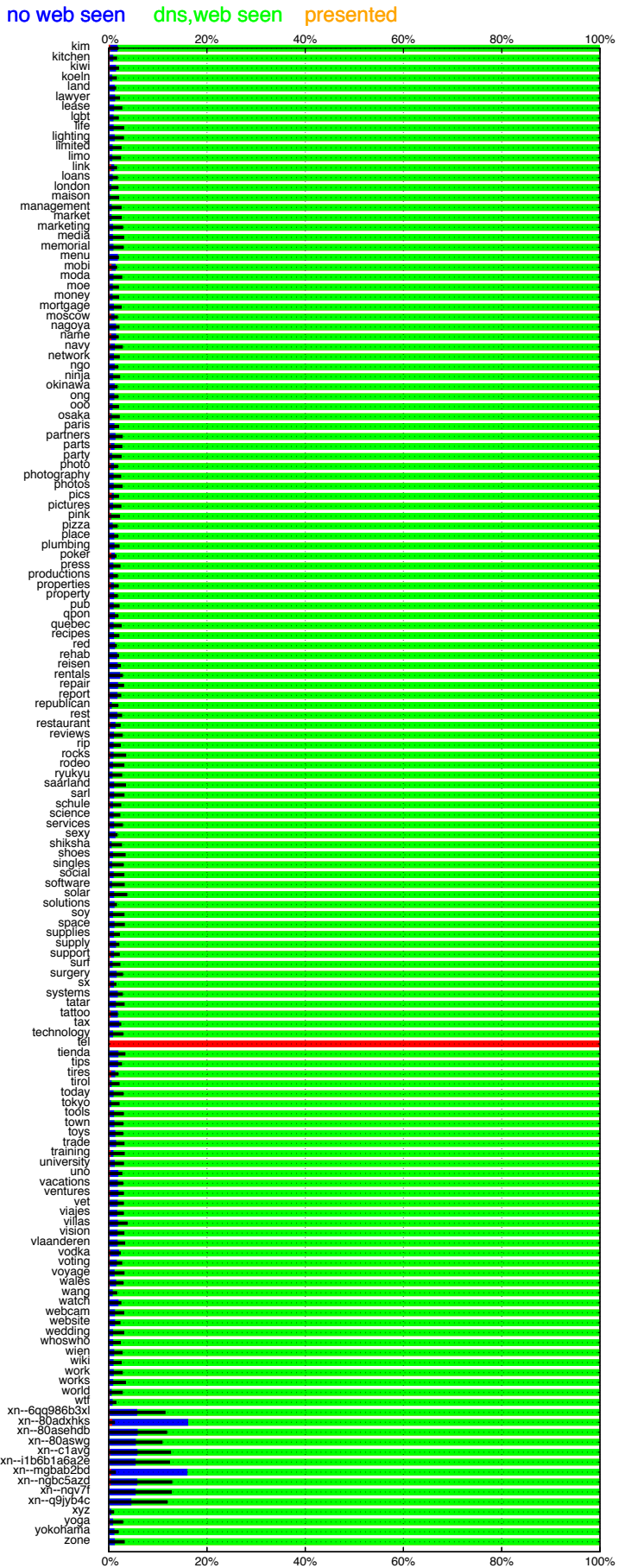
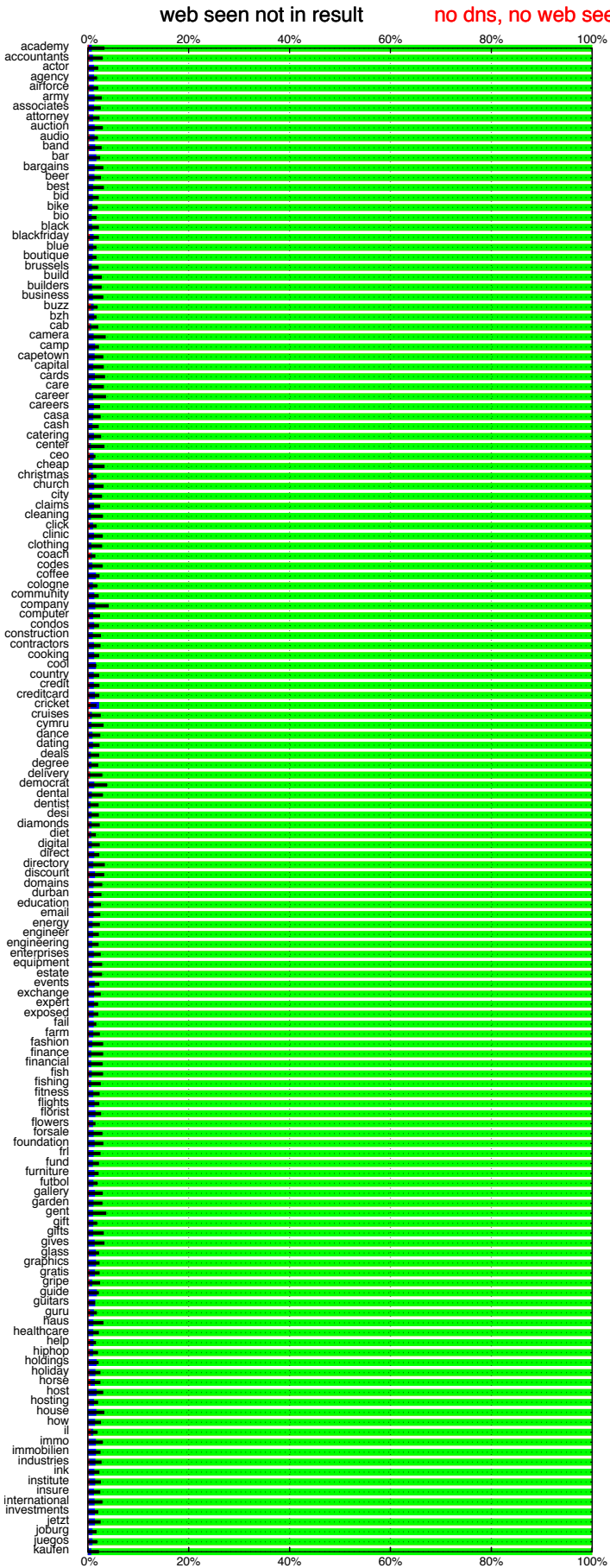
AD - Andorra - Samplecount: 5464



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

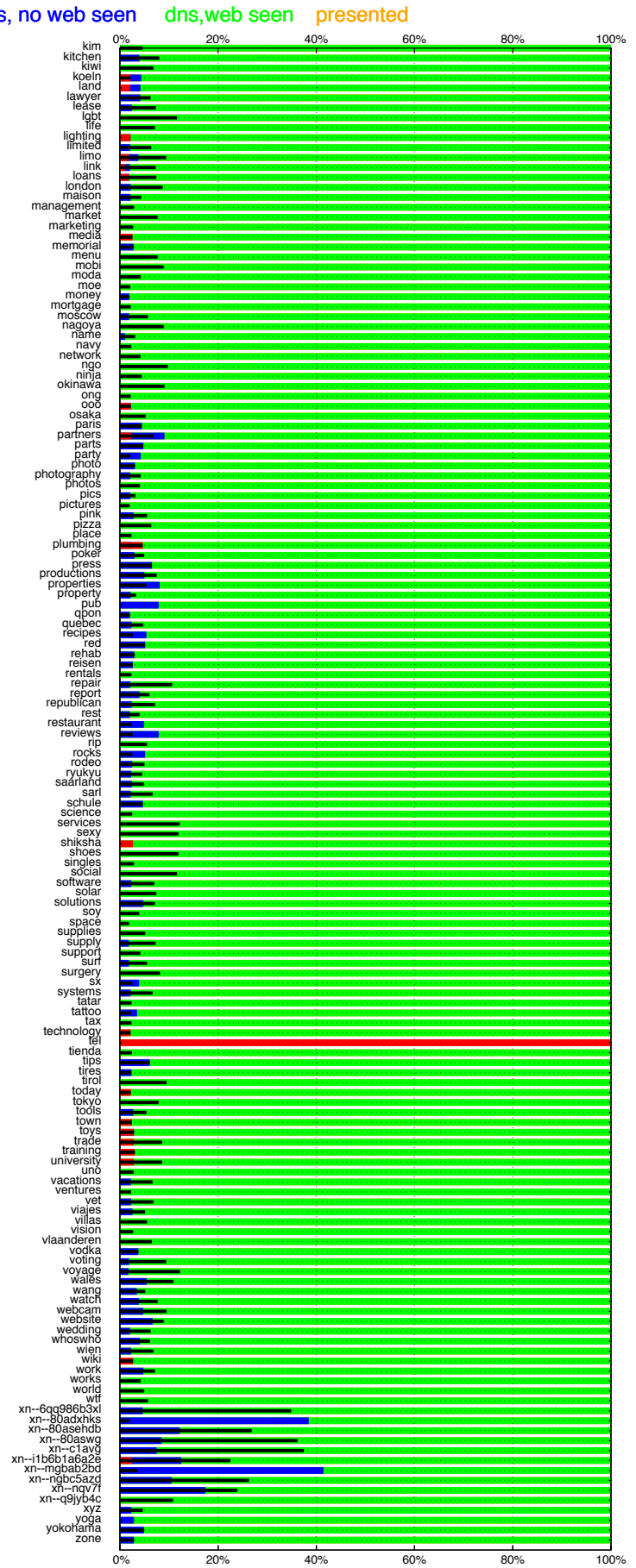
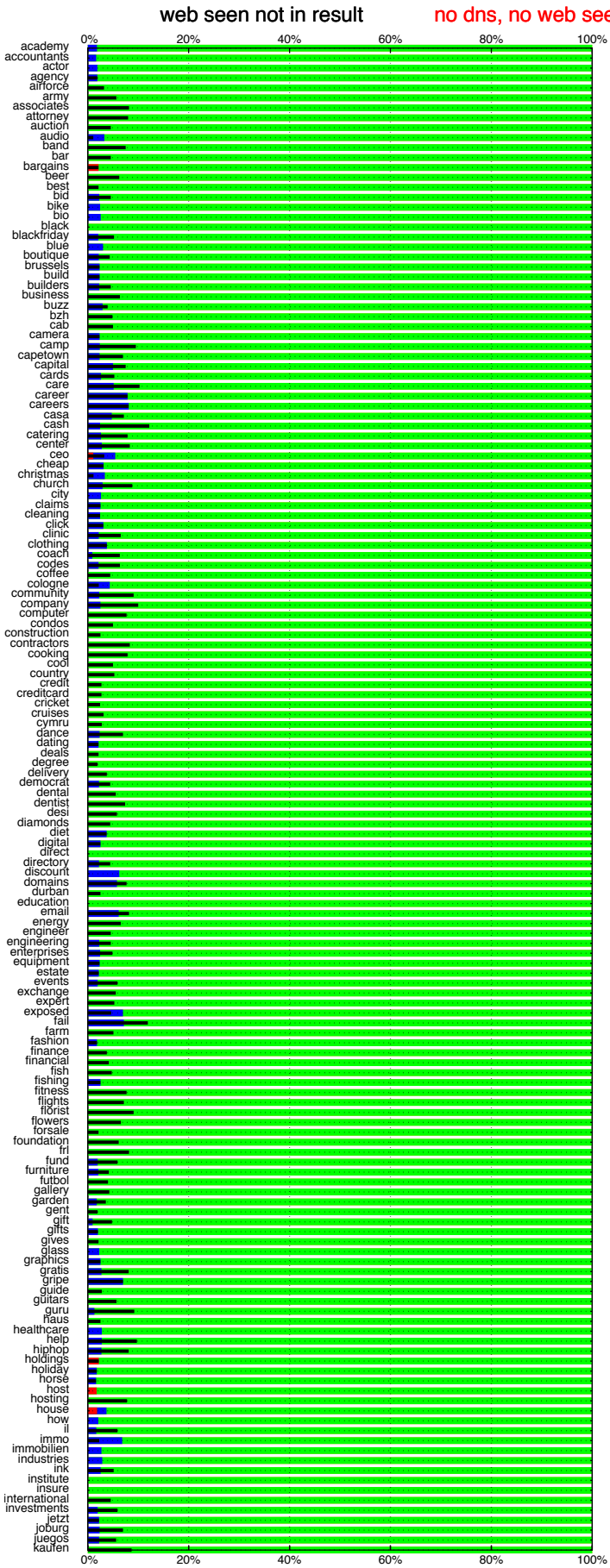
AD - Andorra - Samplecount: 5464

AE - United Arab Emirates - Samplecount: 330697



AE - United Arab Emirates - Samplecount: 330697

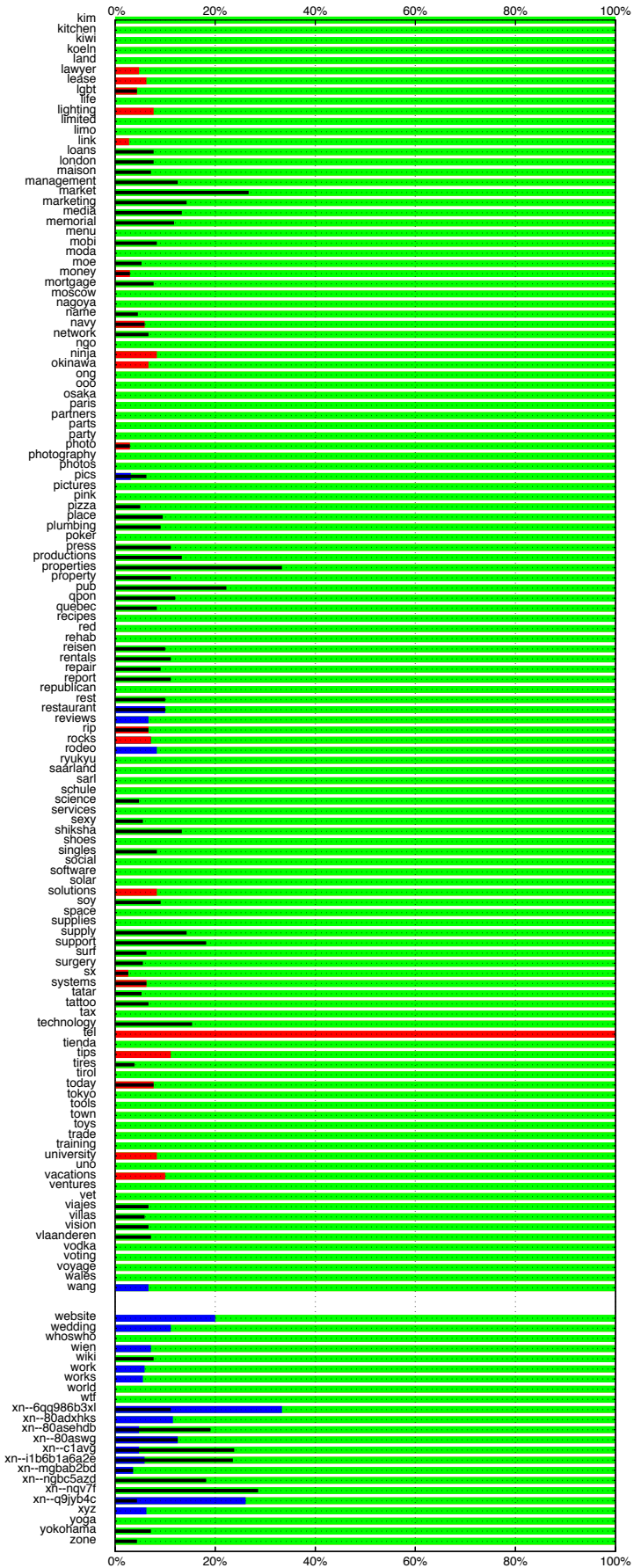
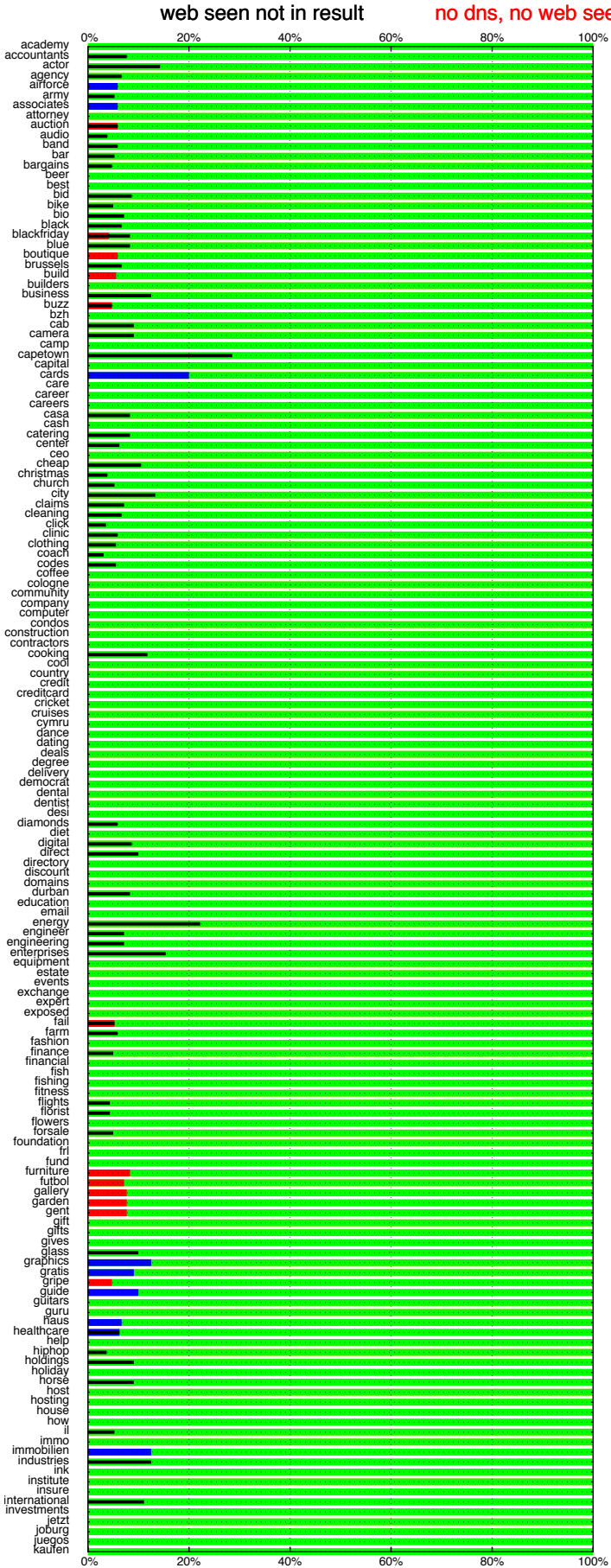
AF - Afghanistan - Samplecount: 14280



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

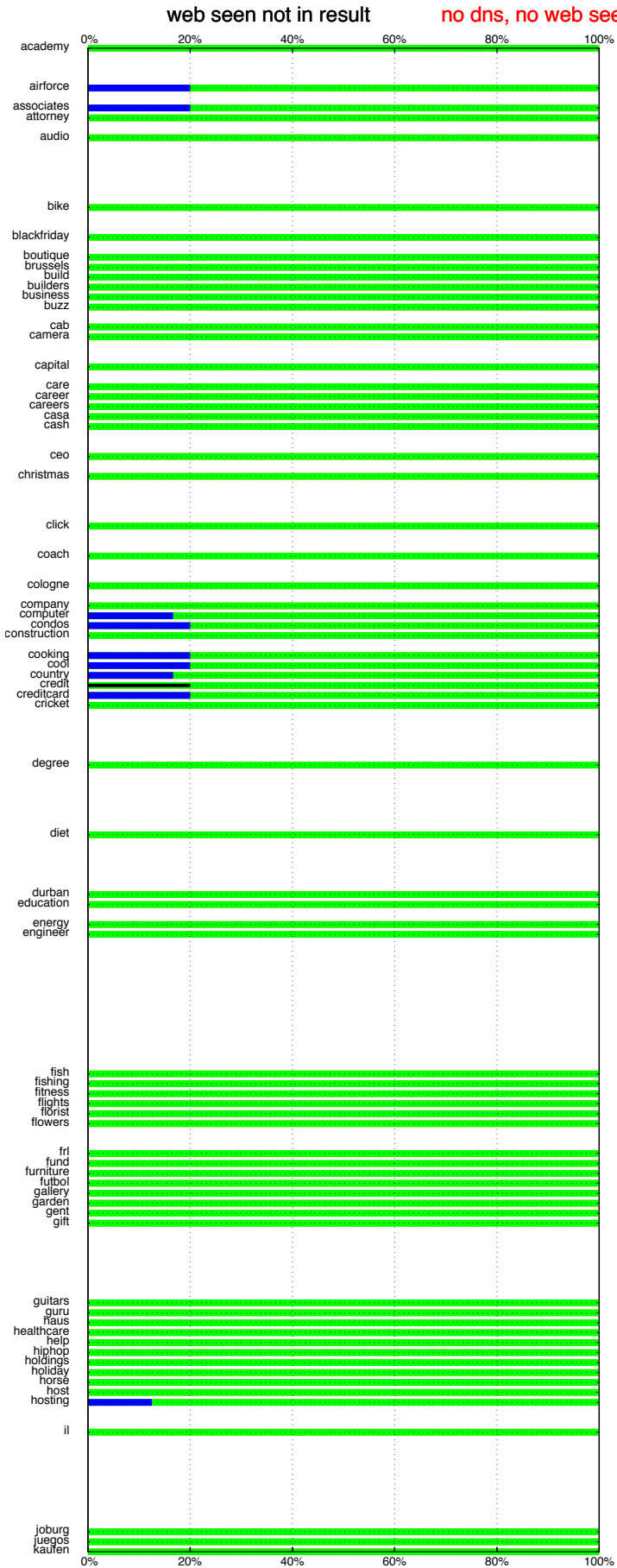
AF - Afghanistan - Samplecount: 14280

AG - Antigua nameBarbuda - Samplecount: 4504



AG - Antigua nameBarbuda - Samplecount: 4504

AI - Anguilla - Samplecount: 1512



web seen not in result

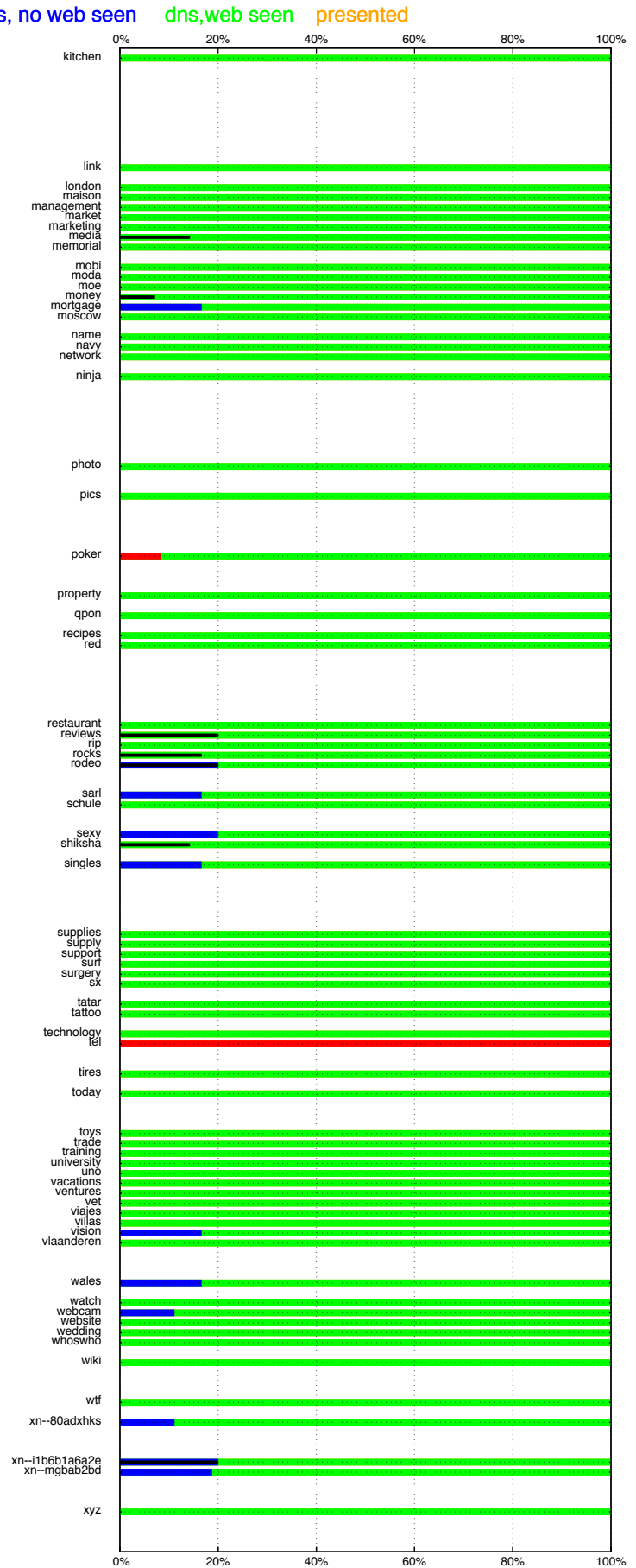
no dns, no web seen

dns, no web seen

dns,web seen

presented

AI - Anguilla - Samplecount: 1512



web seen not in result

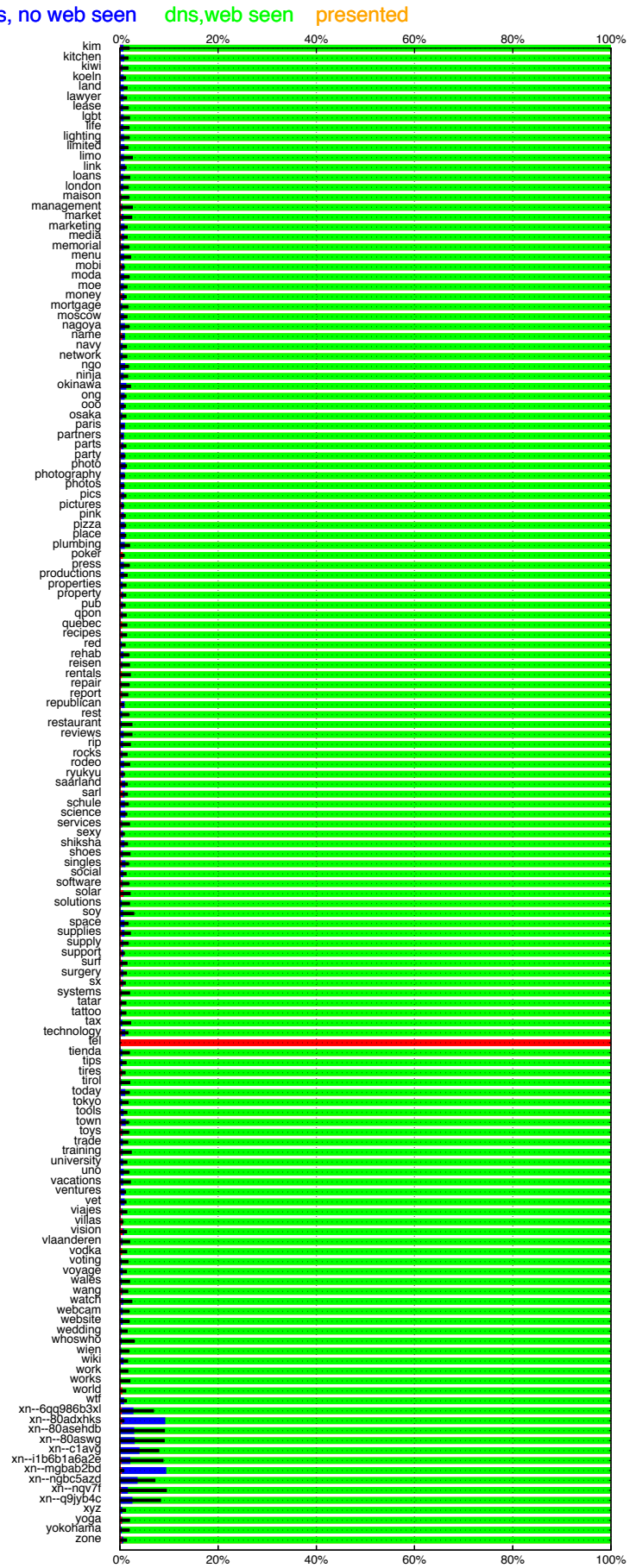
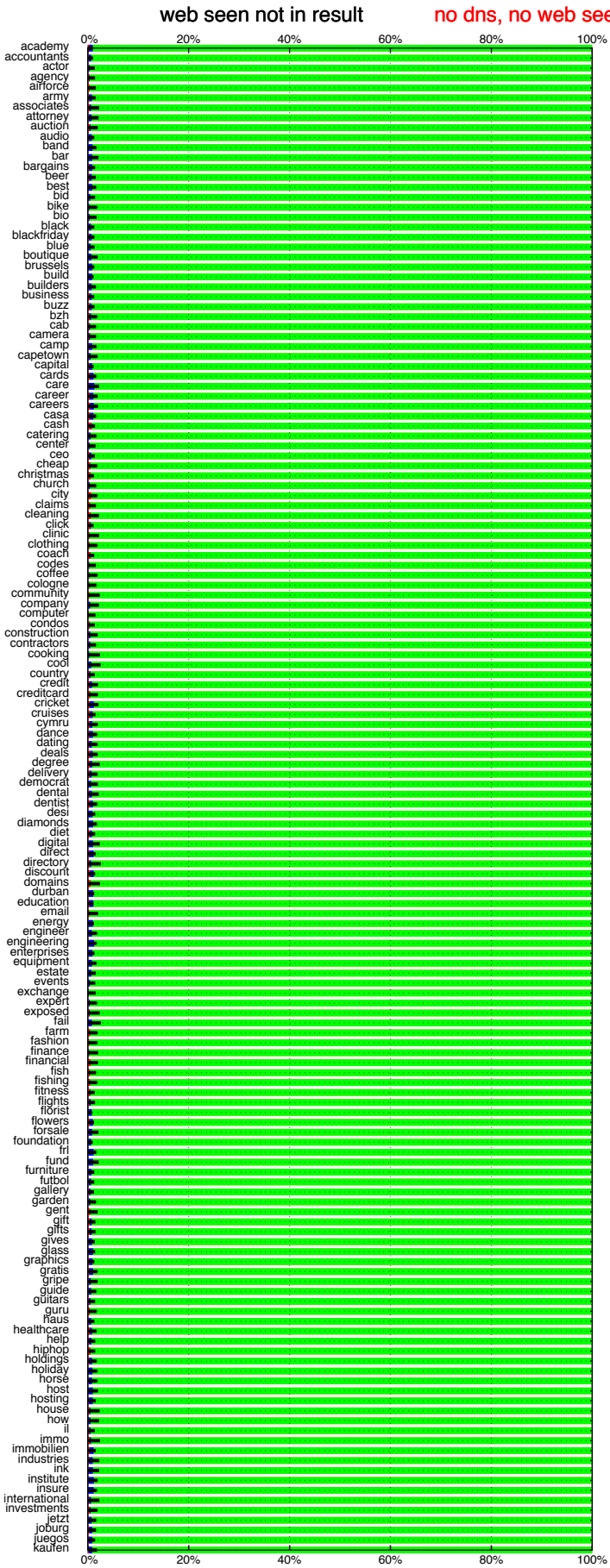
no dns, no web seen

dns, no web seen

dns,web seen

presented

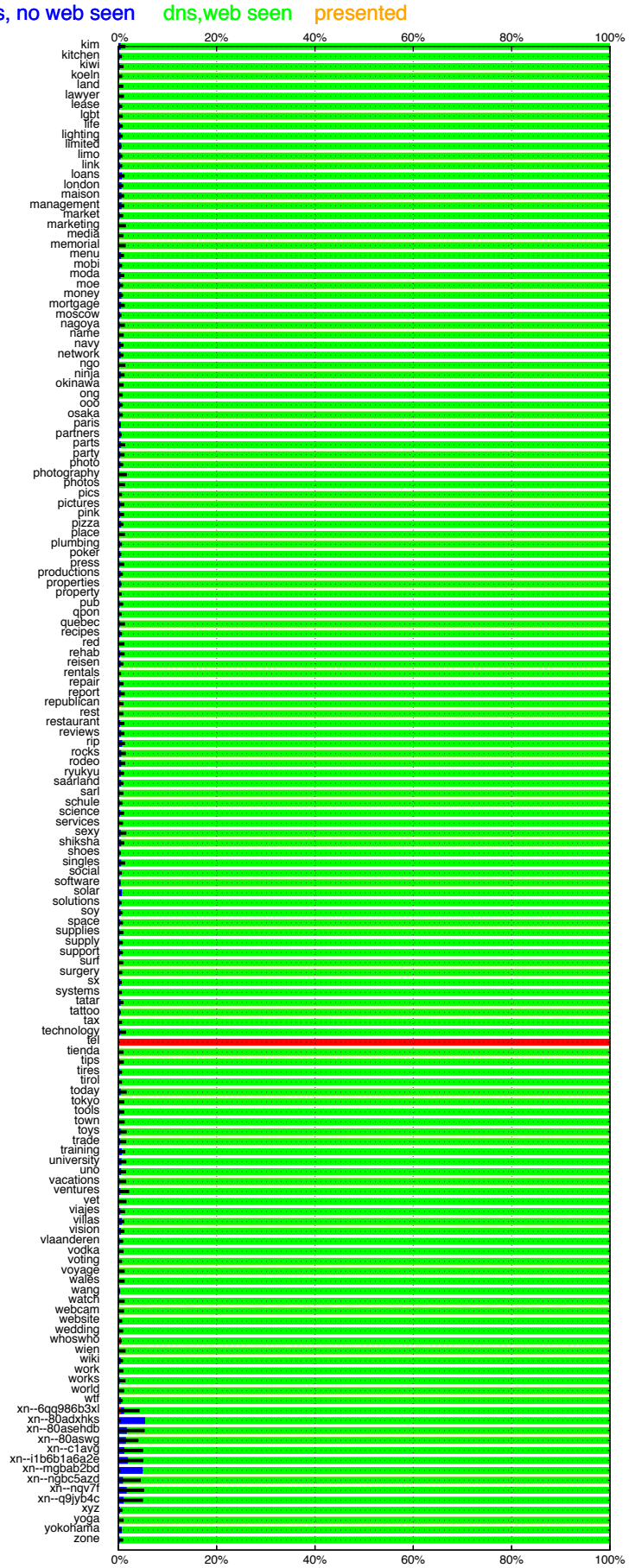
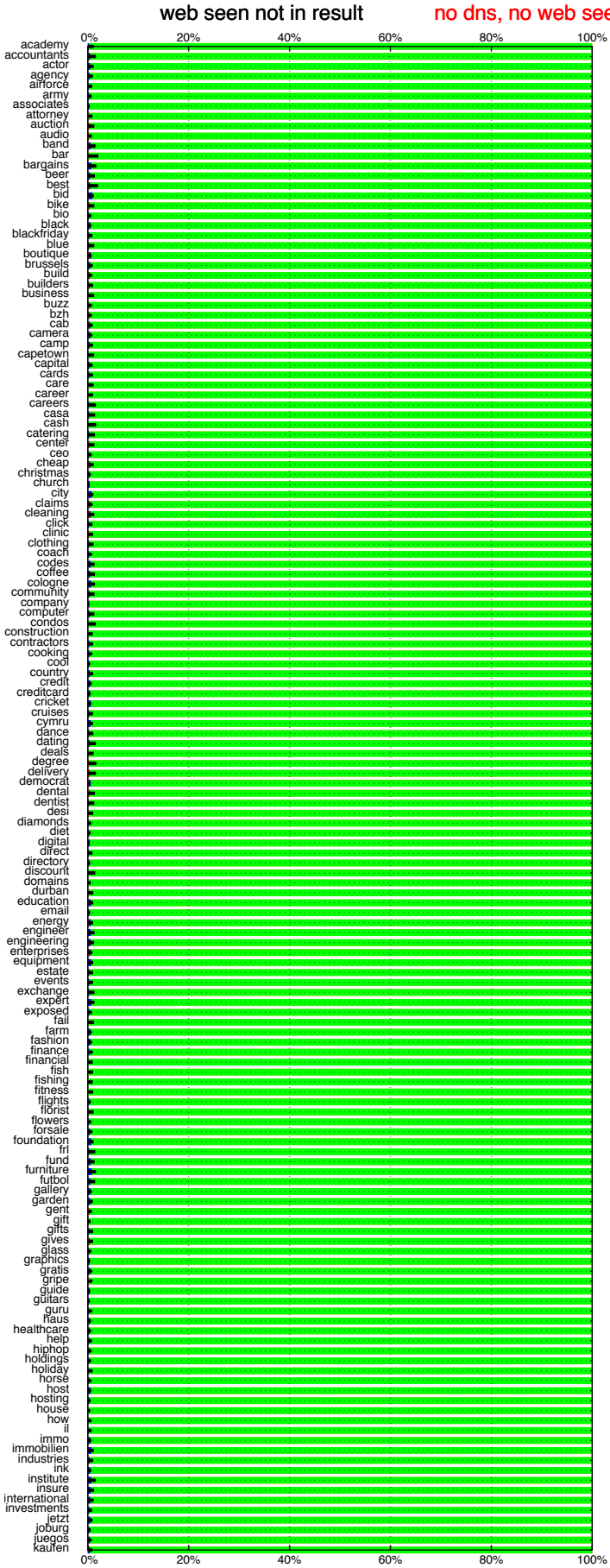
AL - Albania - Samplecount: 352363



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

AL - Albania - Samplecount: 352363

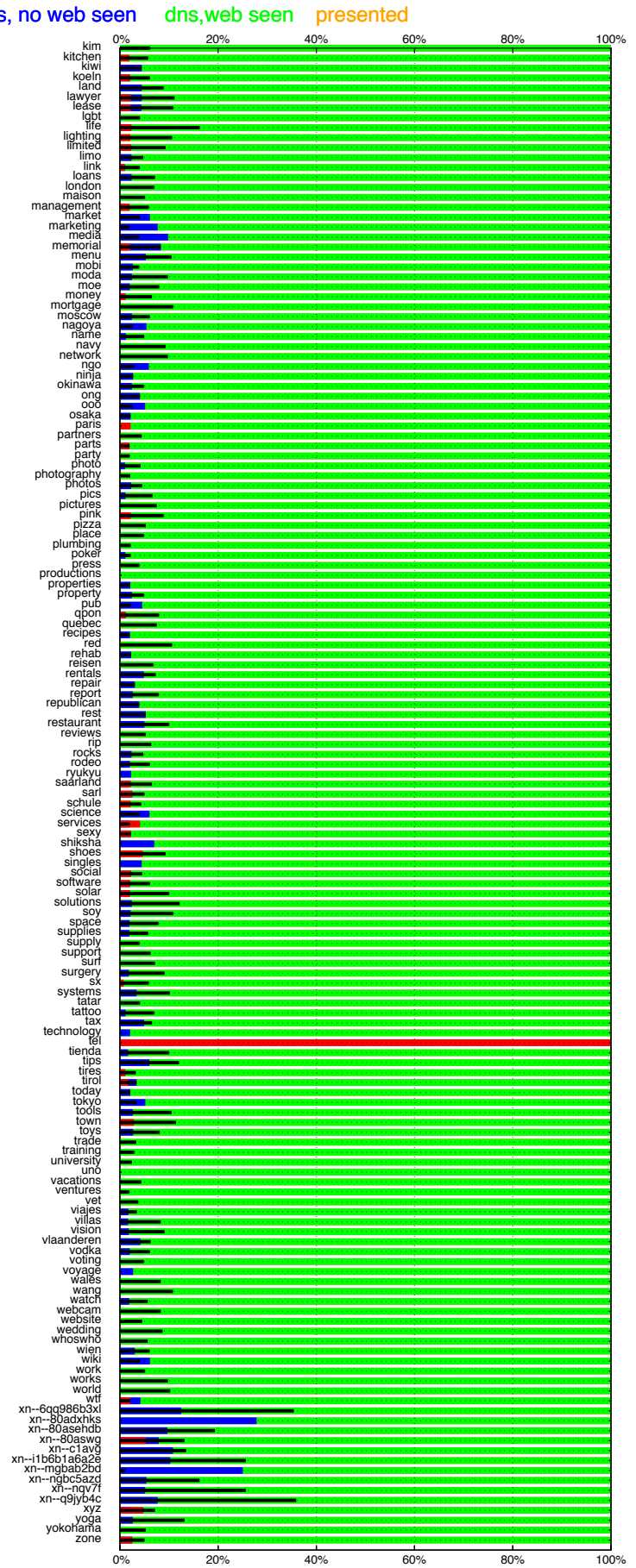
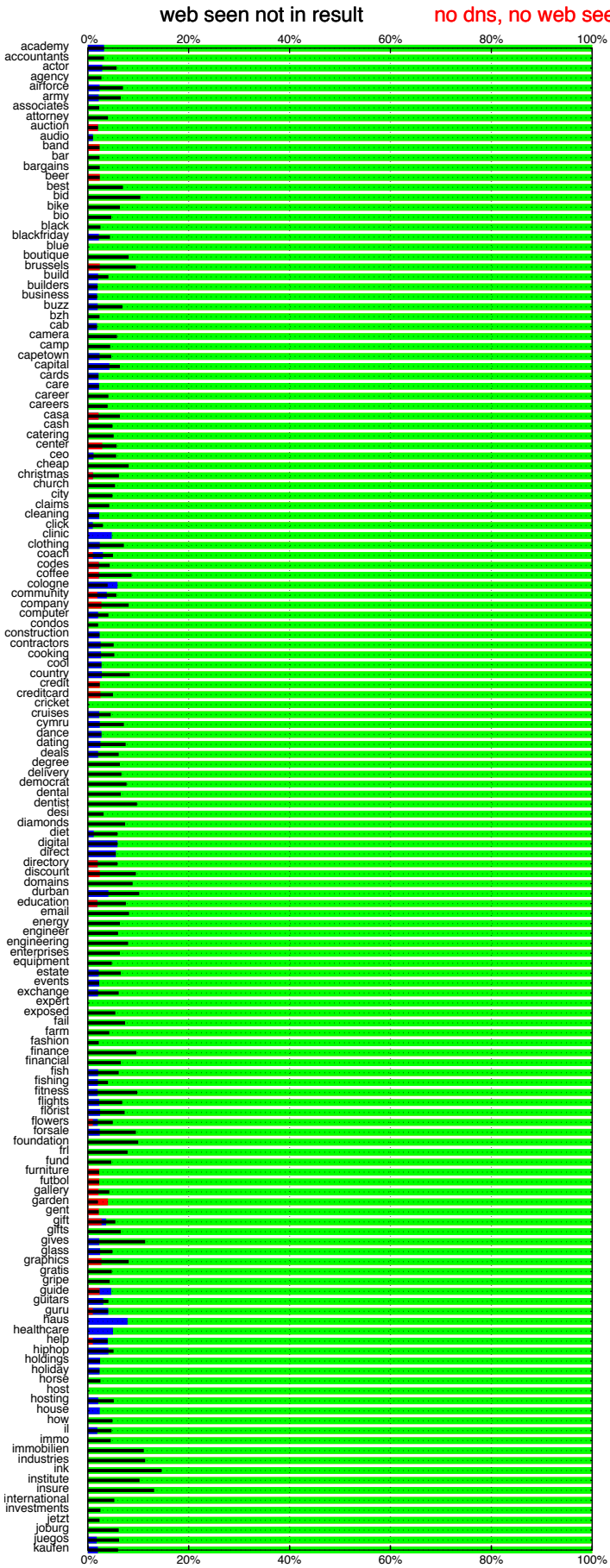
AM - Armenia - Samplecount: 365192



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

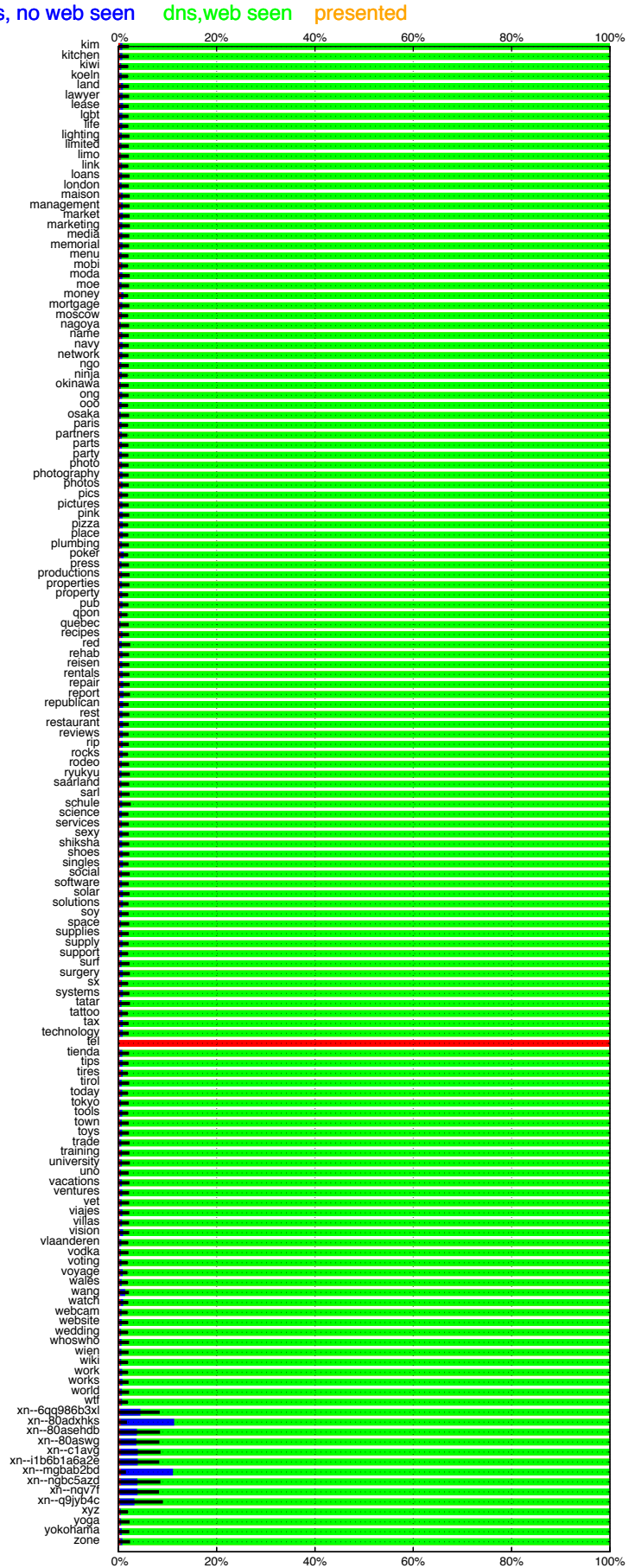
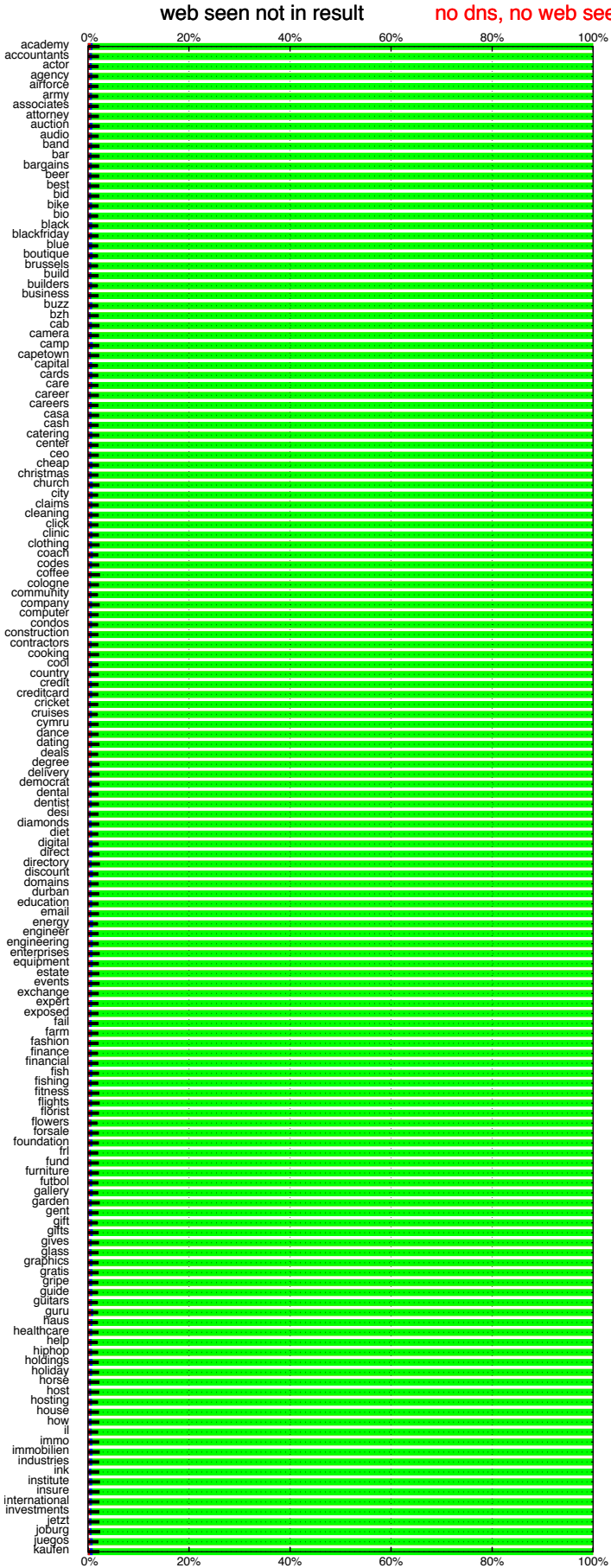
AM - Armenia - Samplecount: 365192

AO - Angola - Samplecount: 14231



AO - Angola - Samplecount: 14231

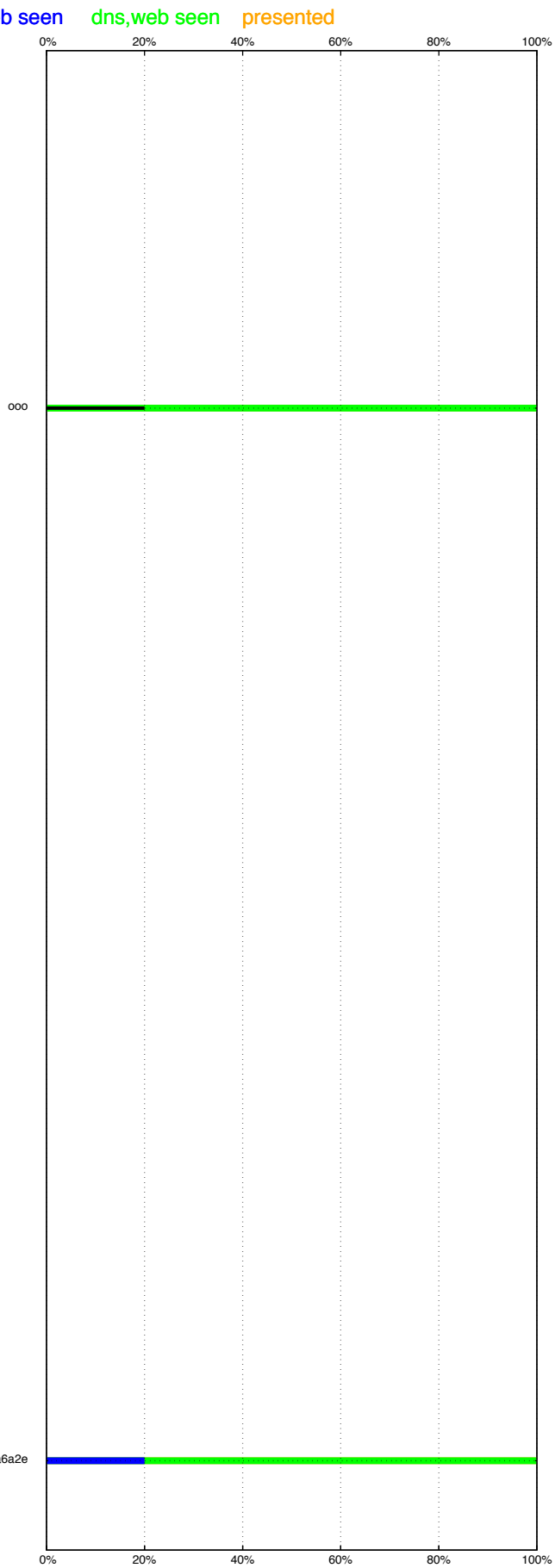
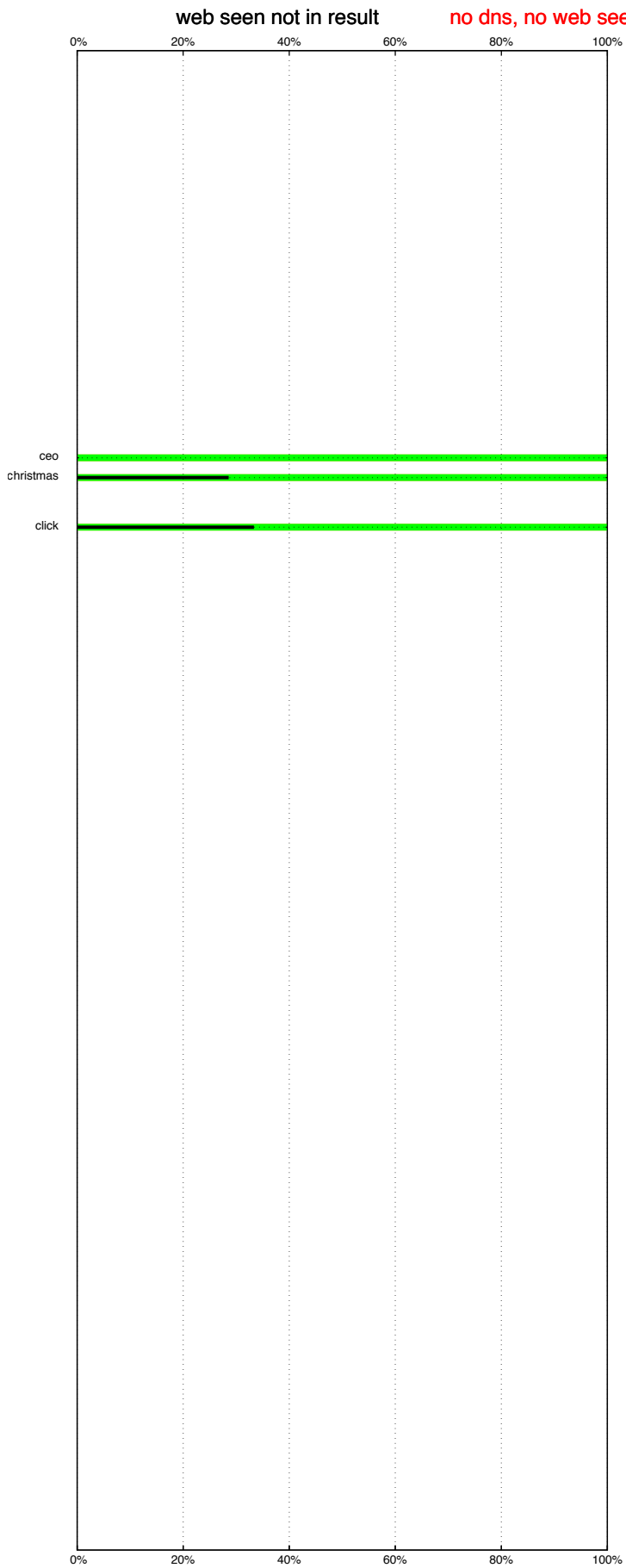
AR - Argentina - Samplecount: 4499144



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

AR - Argentina - Samplecount: 4499144

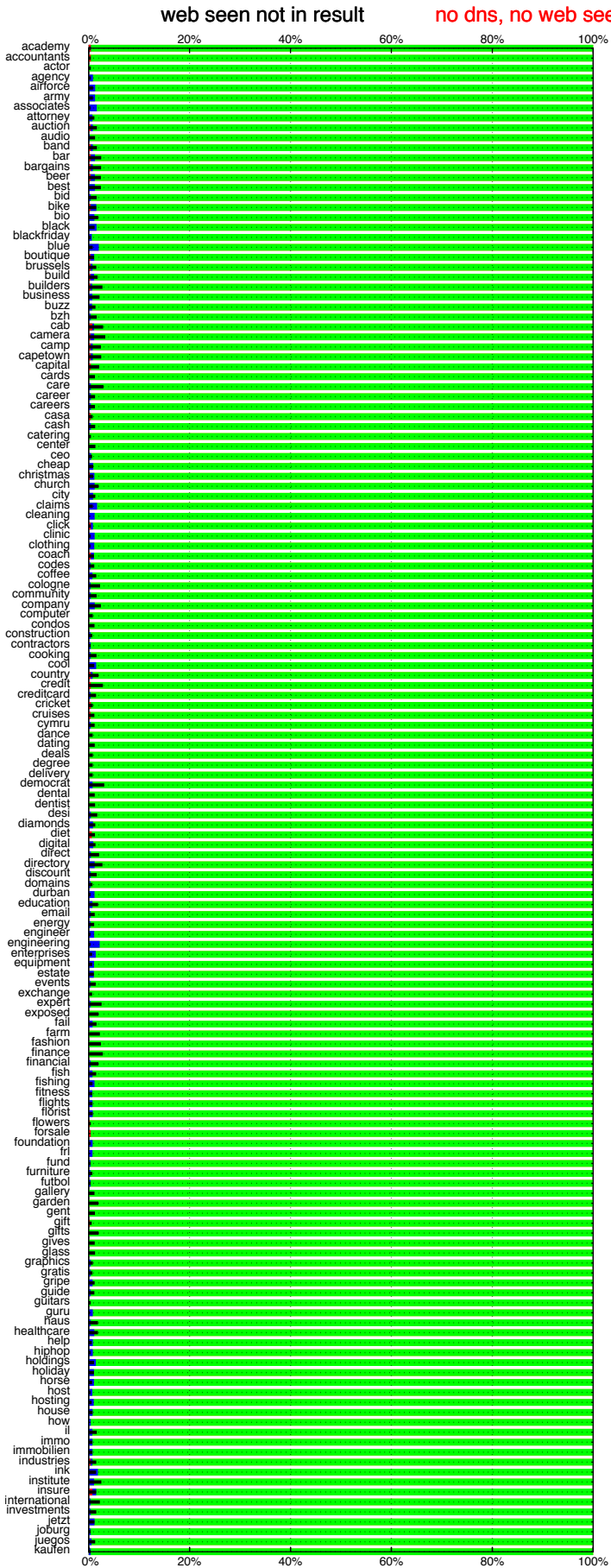
AS - Samoa (American) - Samplecount: 395



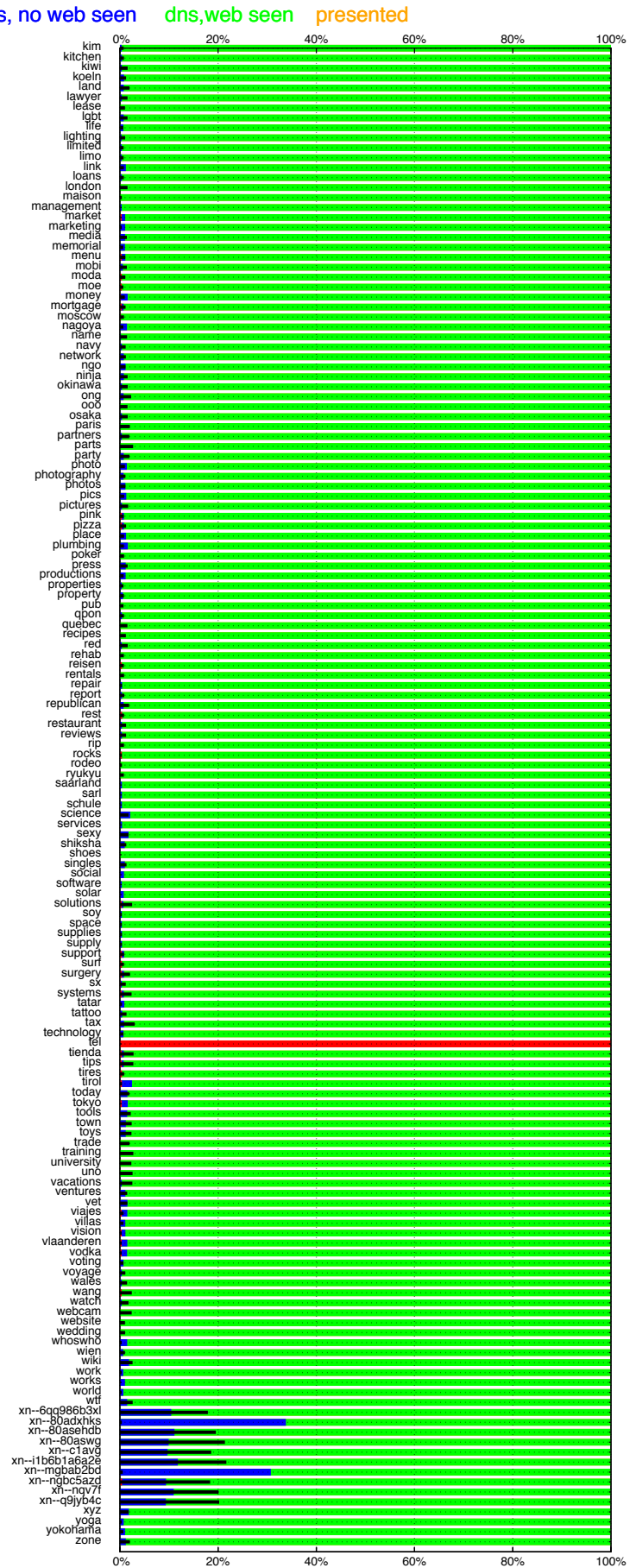
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

AS - Samoa (American) - Samplecount: 395

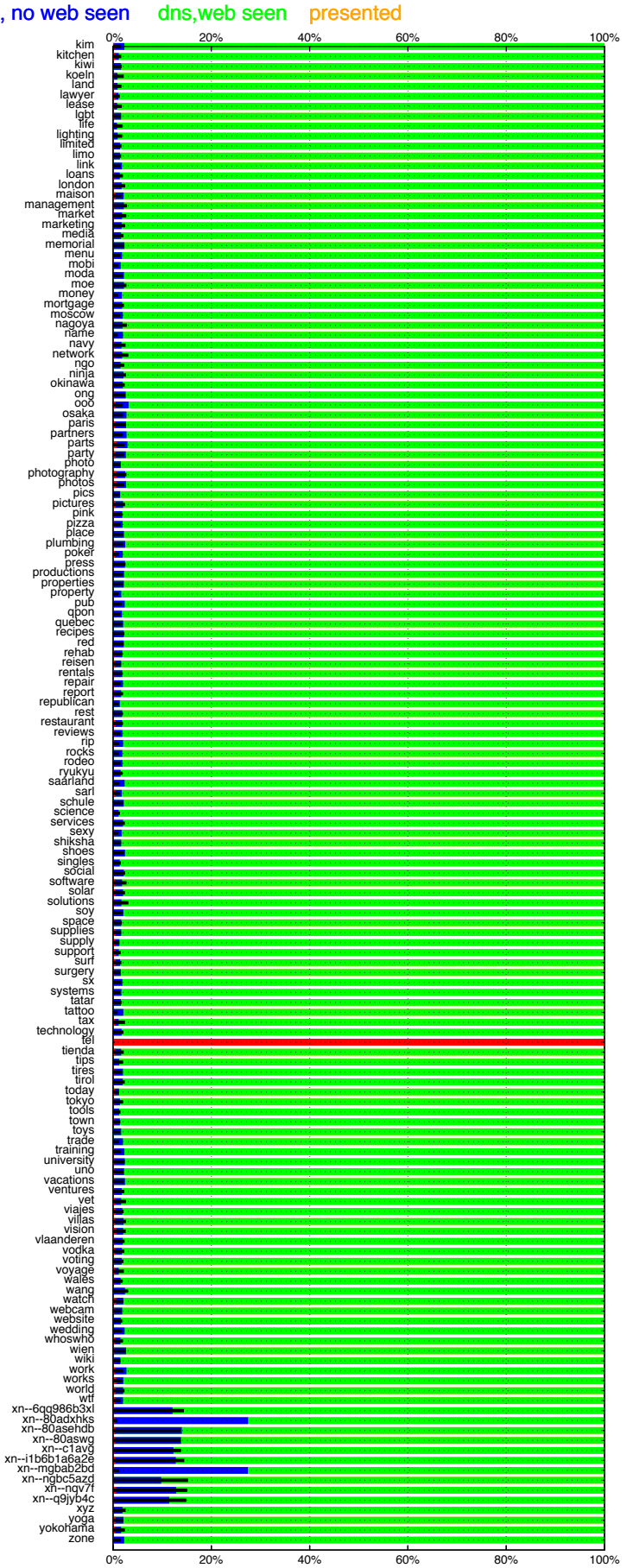
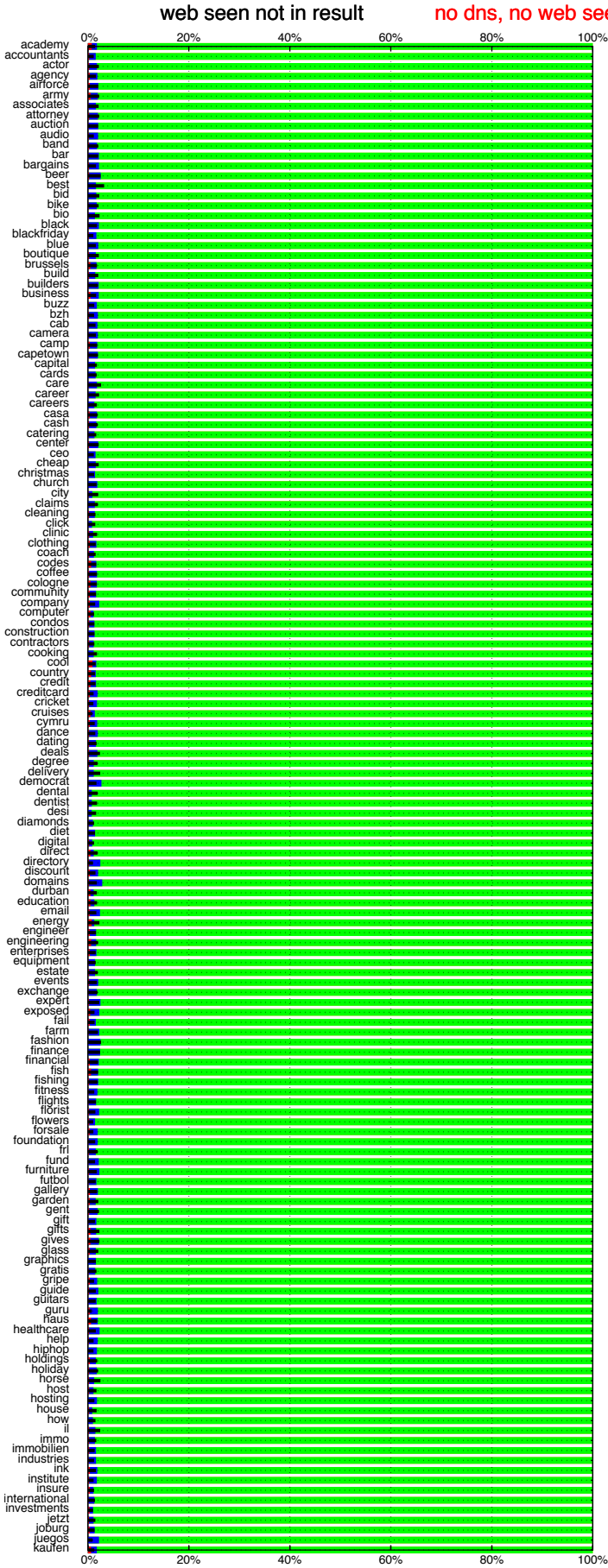
AT - Austria - Samplecount: 84882



AT - Austria - Samplecount: 84882

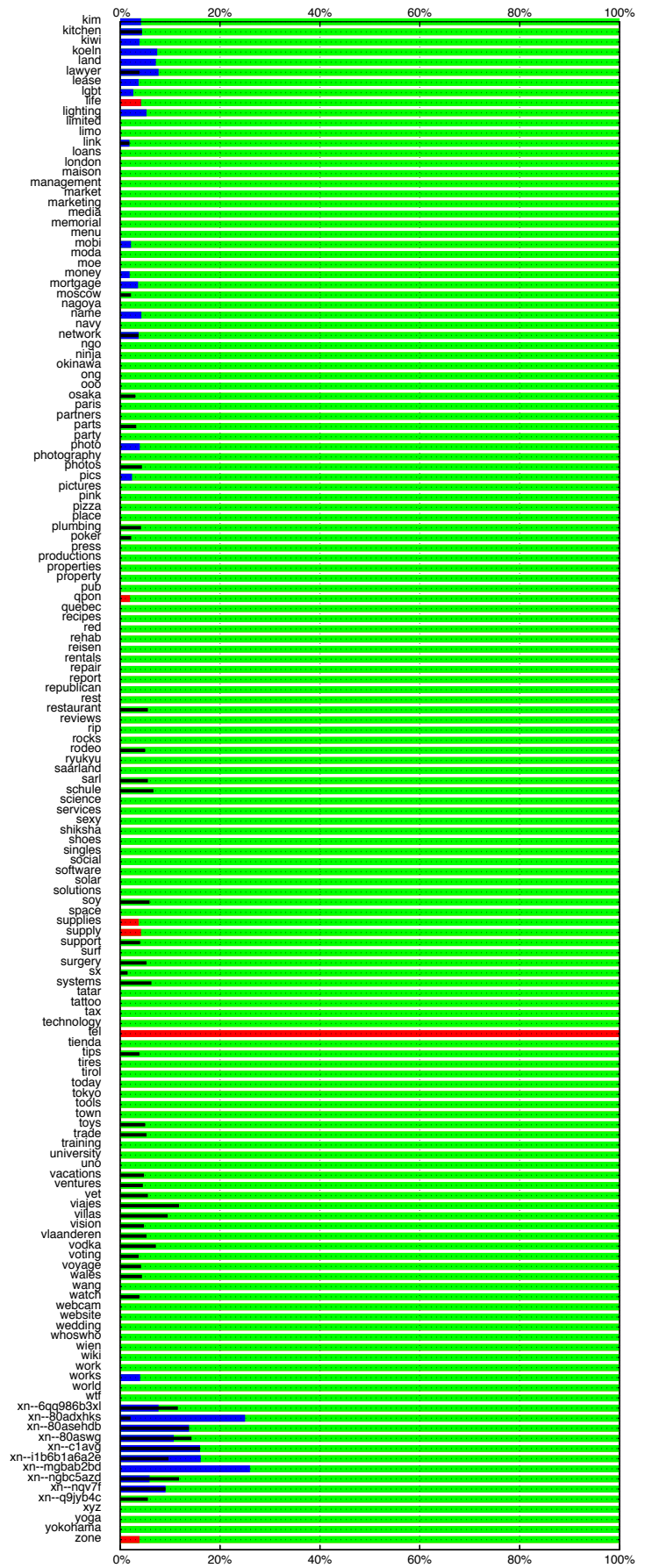
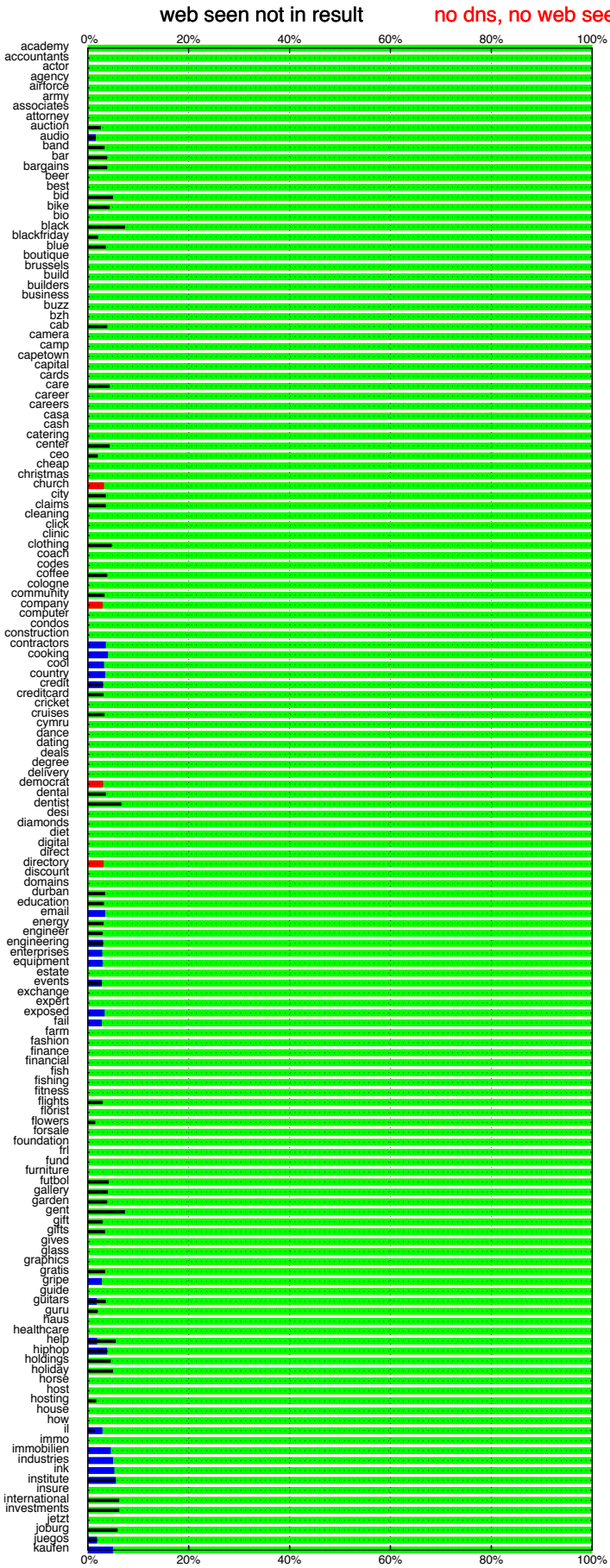


AU - Australia - Samplecount: 249132



AU - Australia - Samplecount: 249132

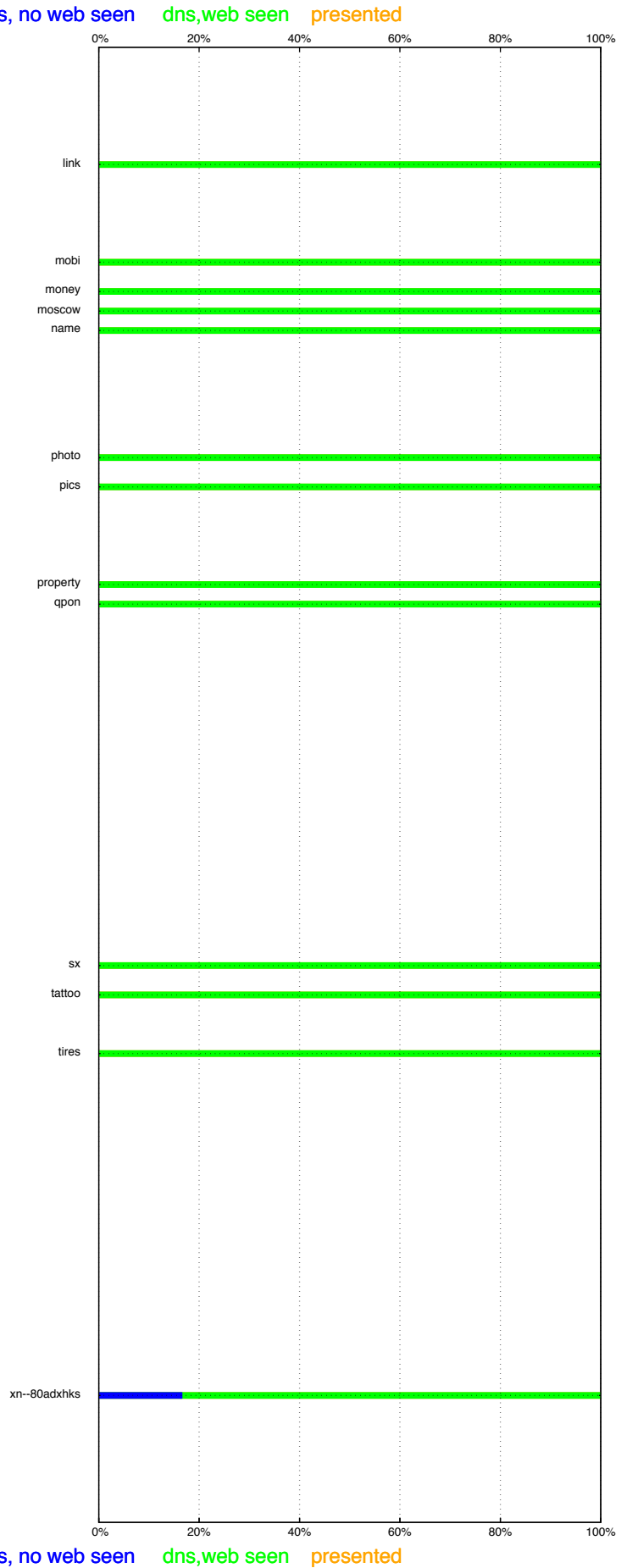
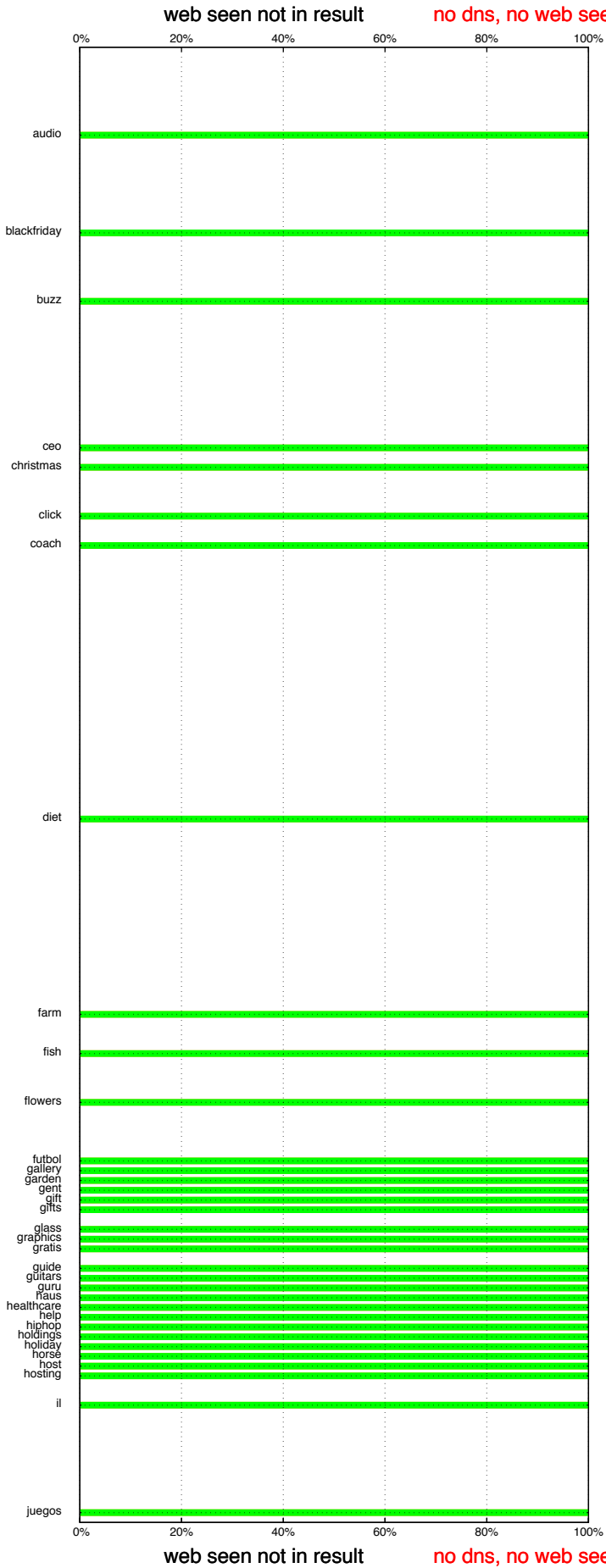
AW - Aruba - Samplecount: 8334



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

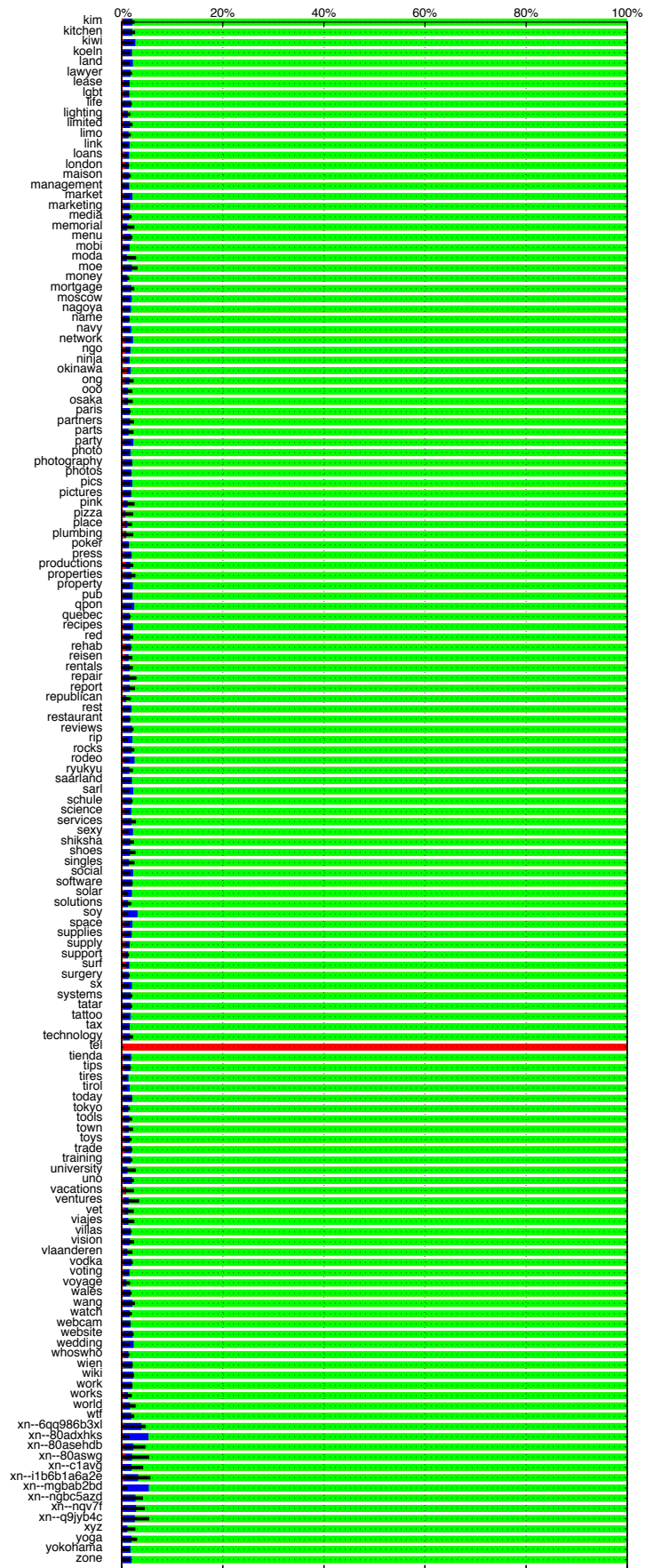
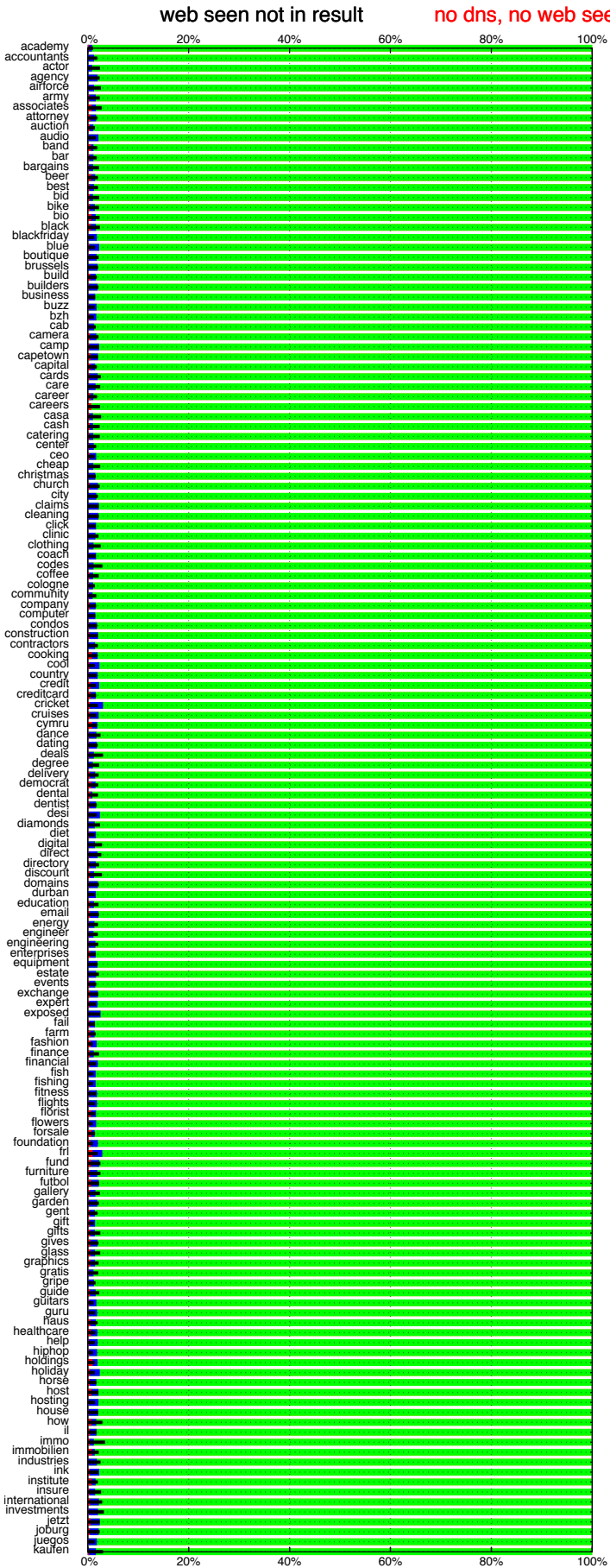
AW - Aruba - Samplecount: 8334

AX - Aaland Islands - Samplecount: 850



AX - Aaland Islands - Samplecount: 850

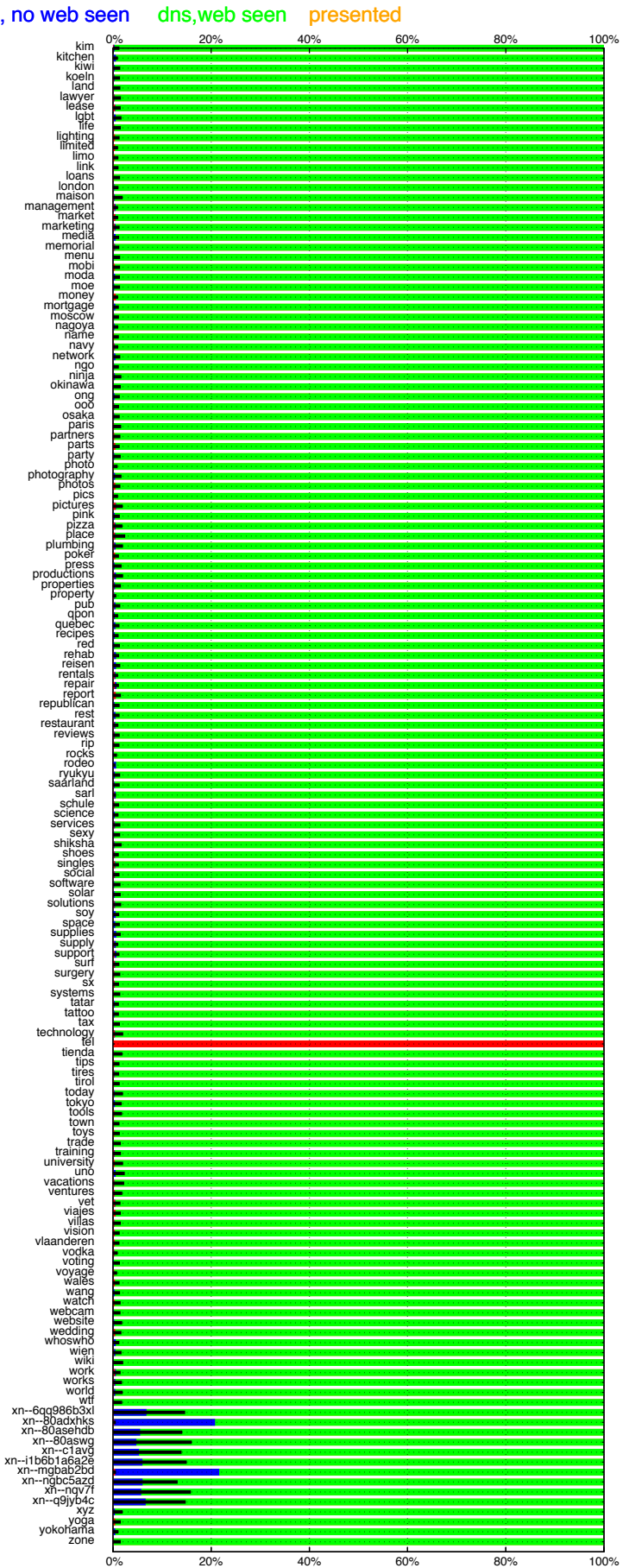
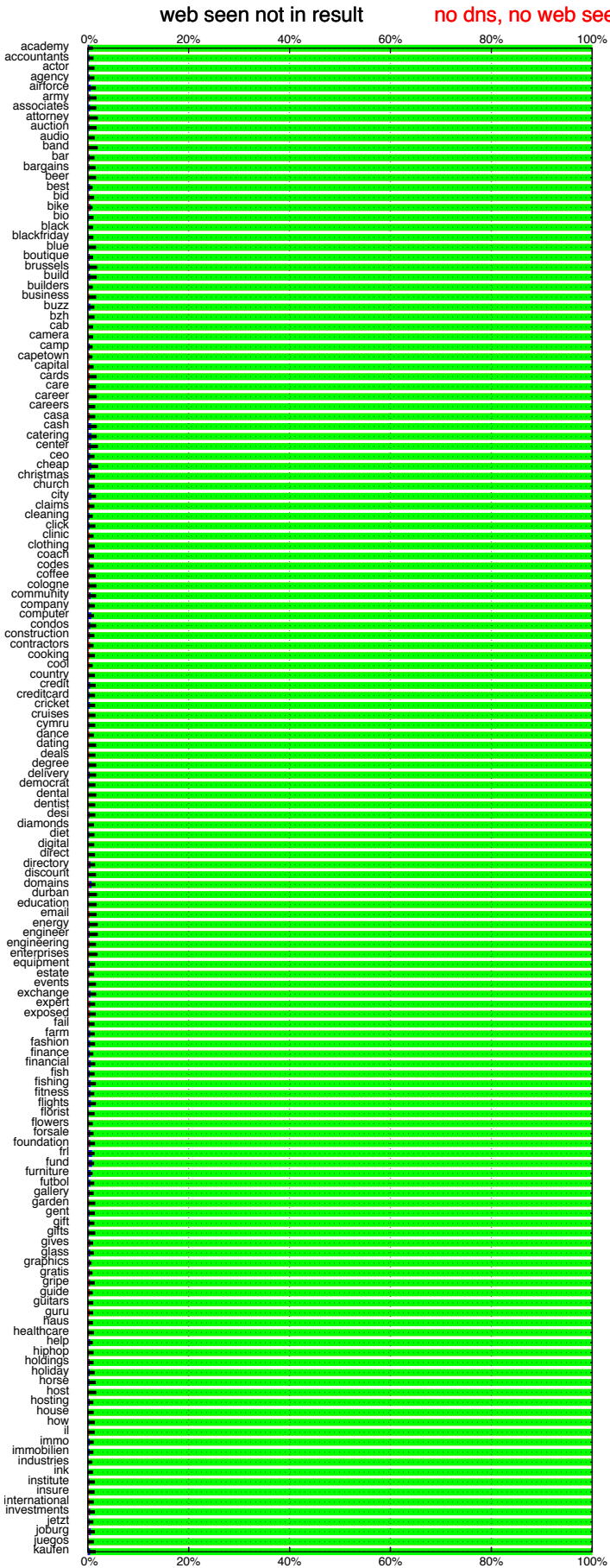
AZ - Azerbaijan - Samplecount: 328035



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

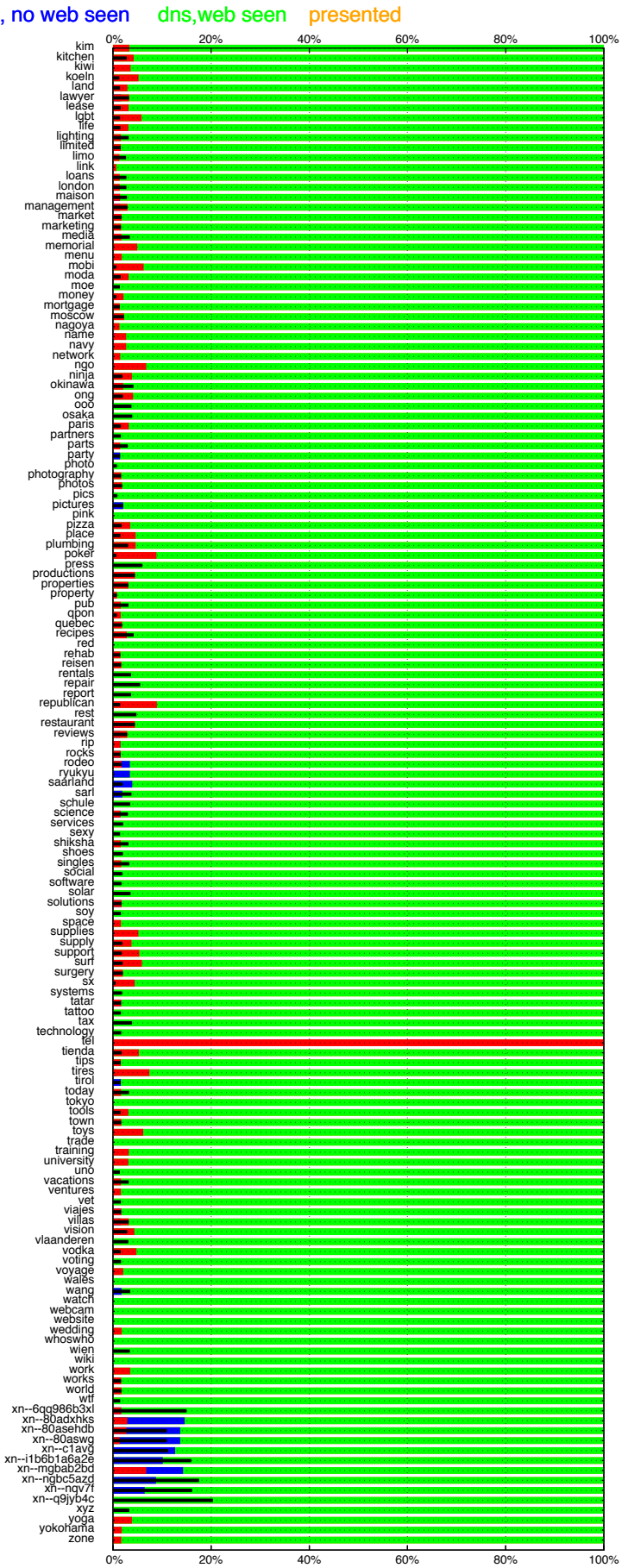
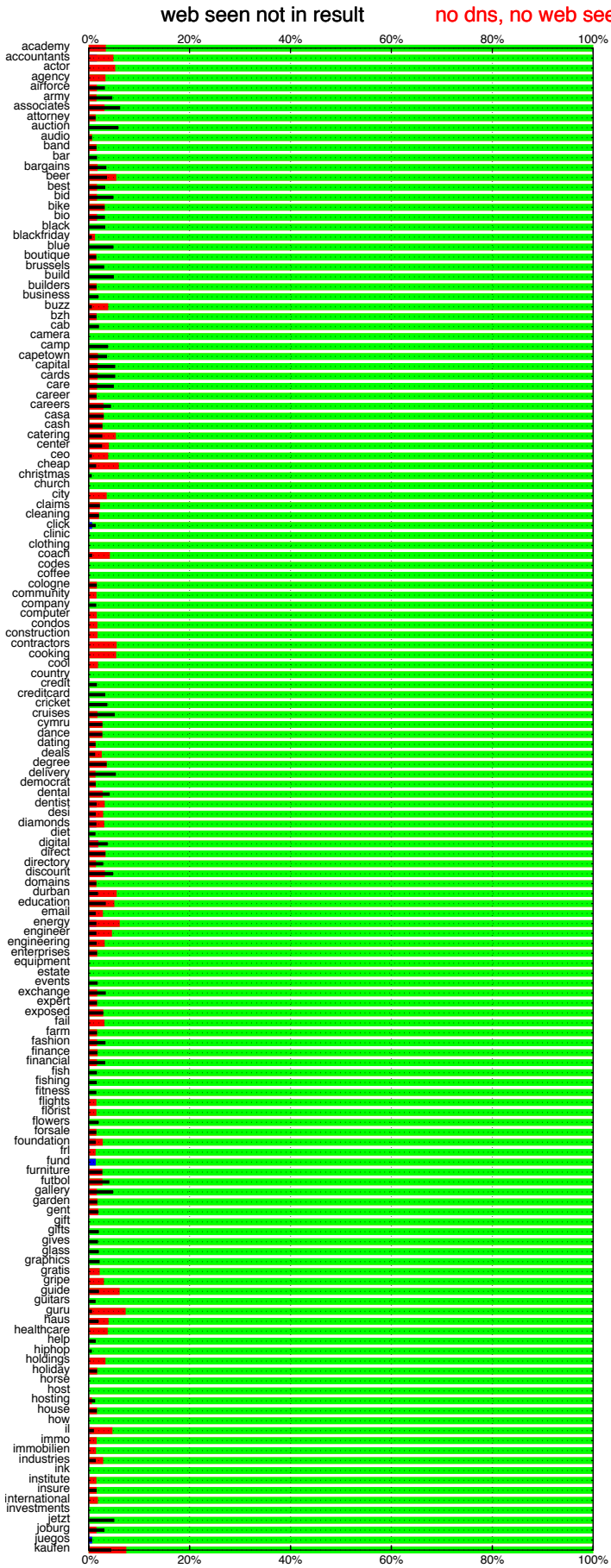
AZ - Azerbaijan - Samplecount: 328035

BA - Bosnia nameHerzegovina - Samplecount: 512535



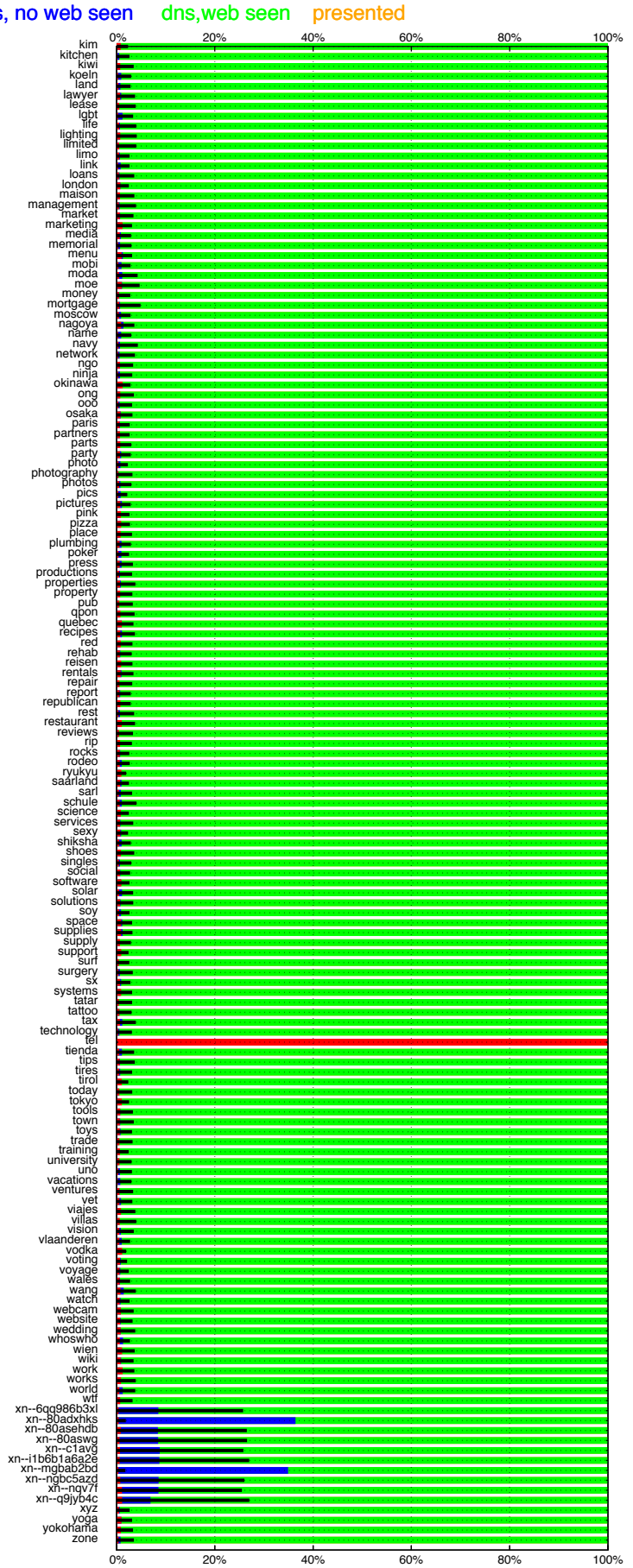
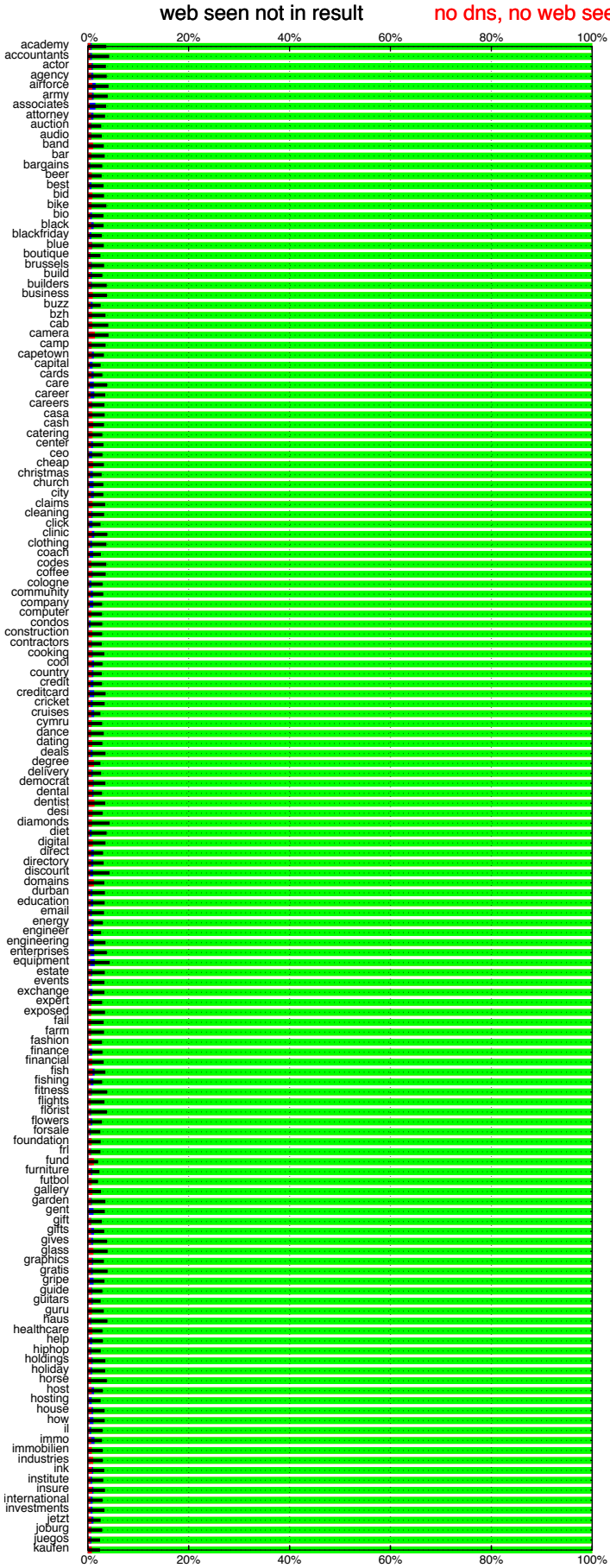
BA - Bosnia nameHerzegovina - Samplecount: 512535

BB - Barbados - Samplecount: 20901



BB - Barbados - Samplecount: 20901

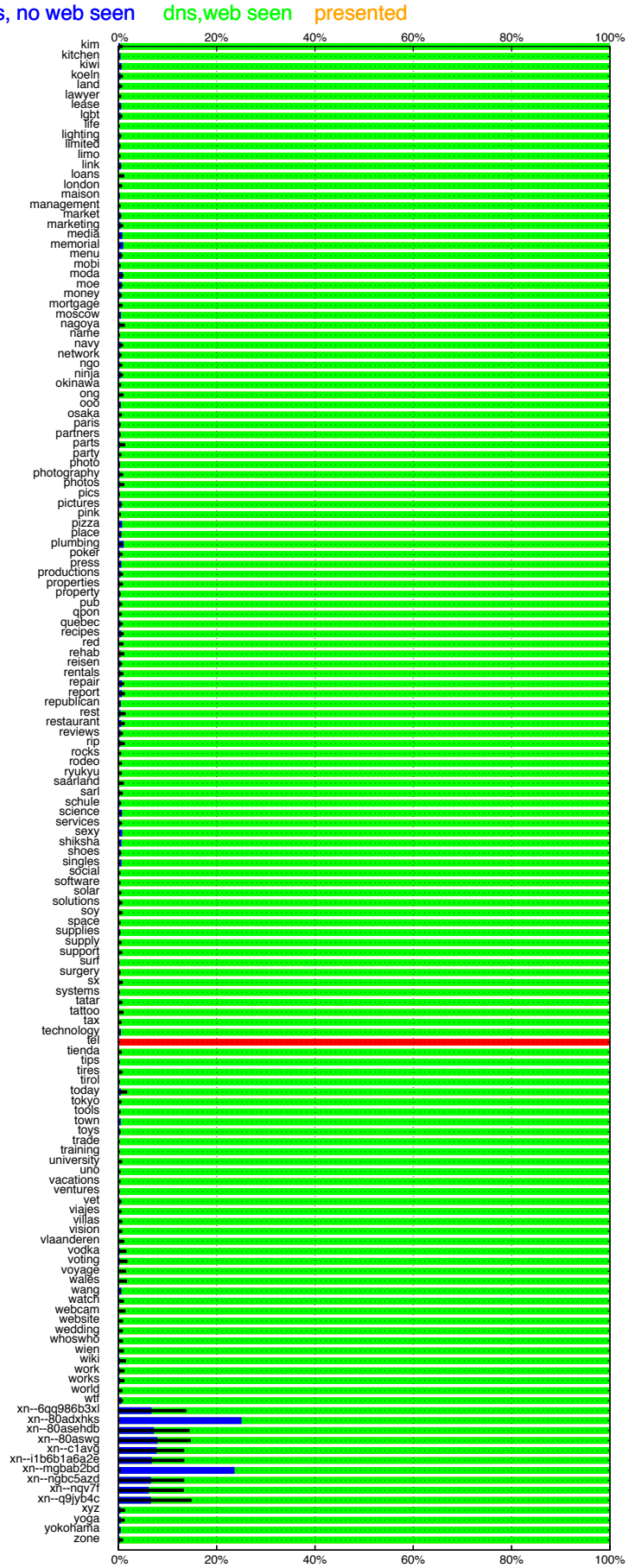
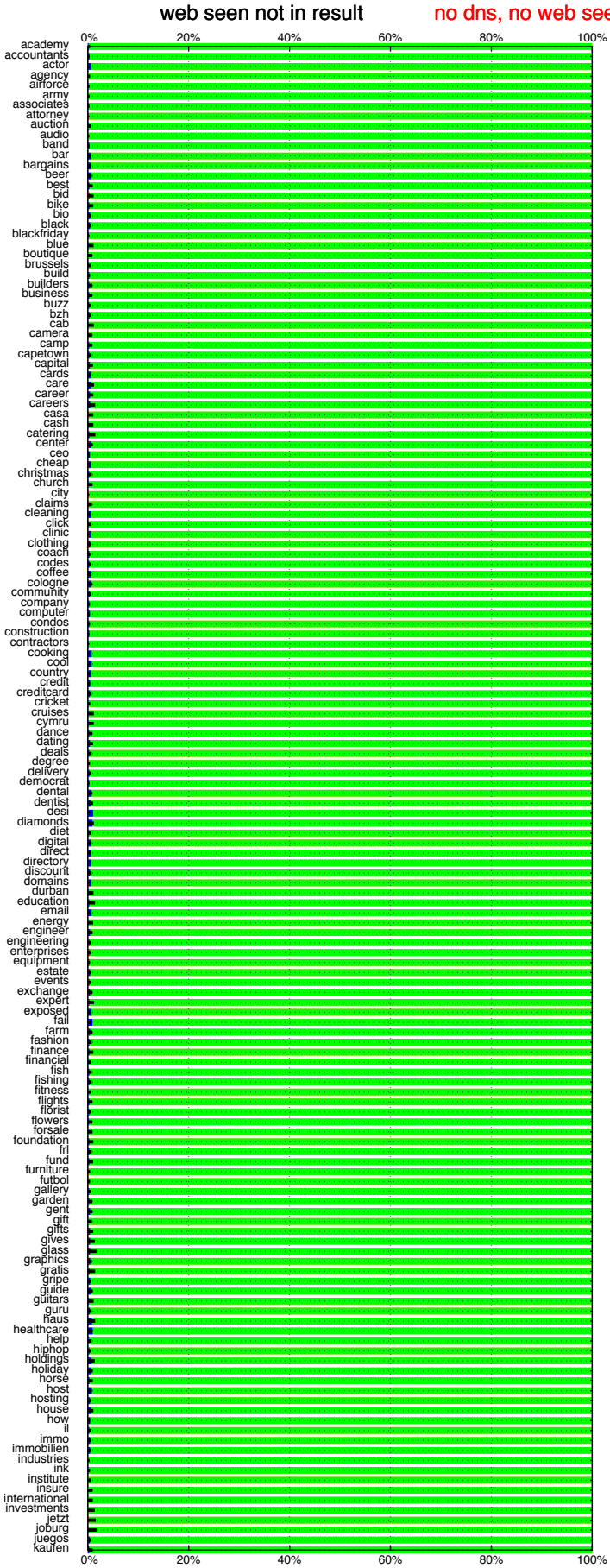
BD - Bangladesh - Samplecount: 397735



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

BD - Bangladesh - Samplecount: 397735

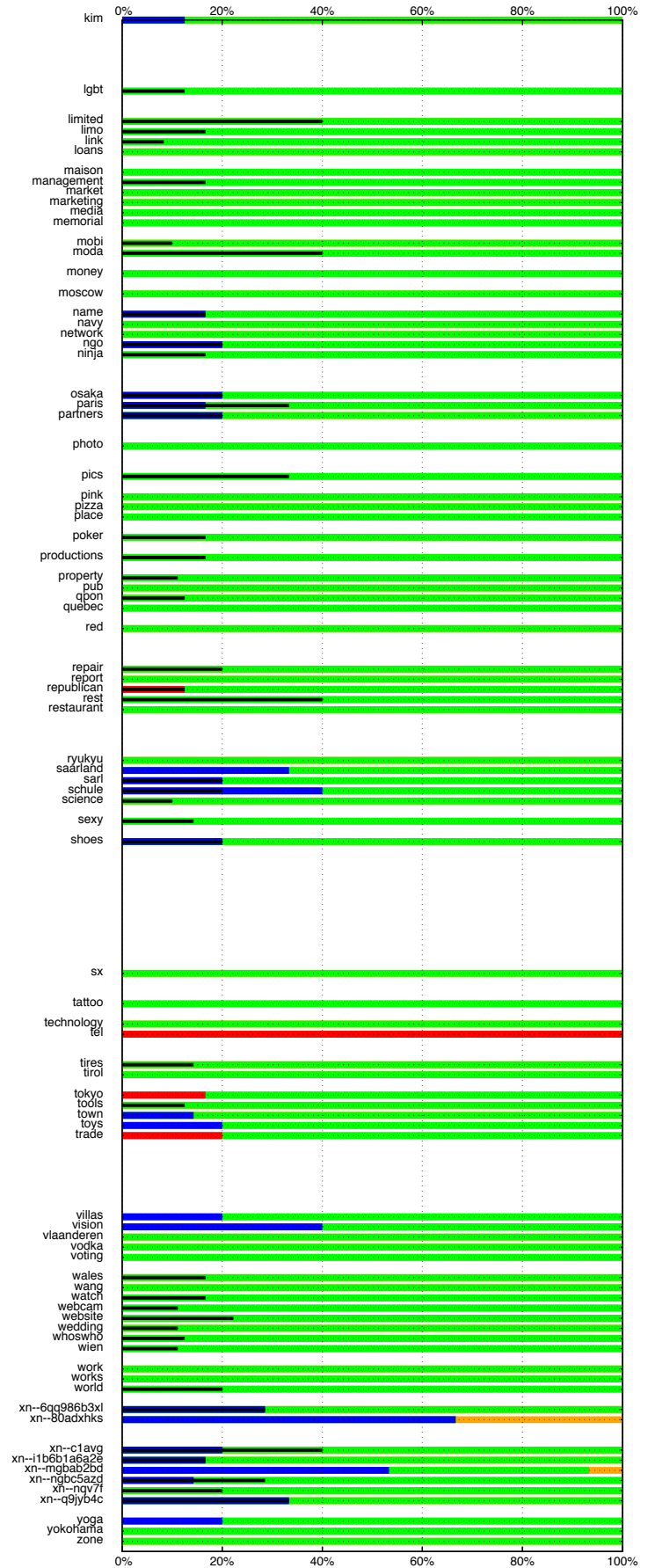
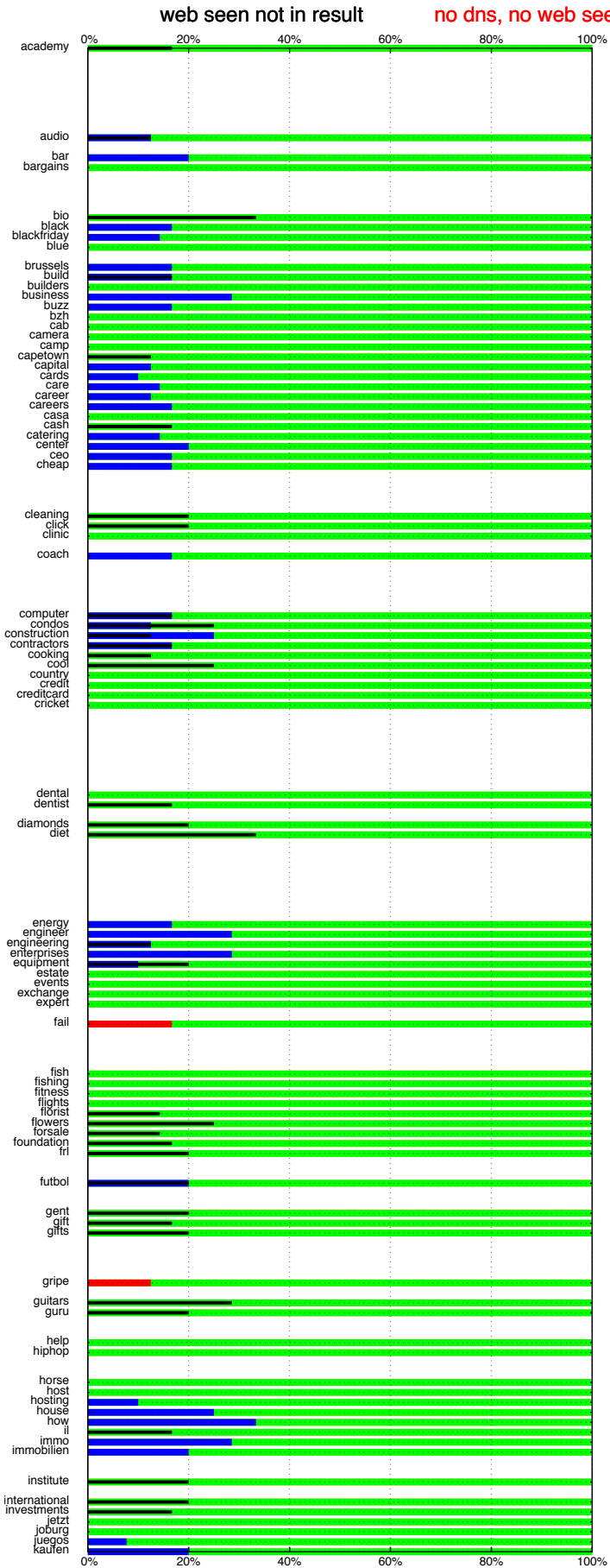
BE - Belgium - Samplecount: 210818



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

BE - Belgium - Samplecount: 210818

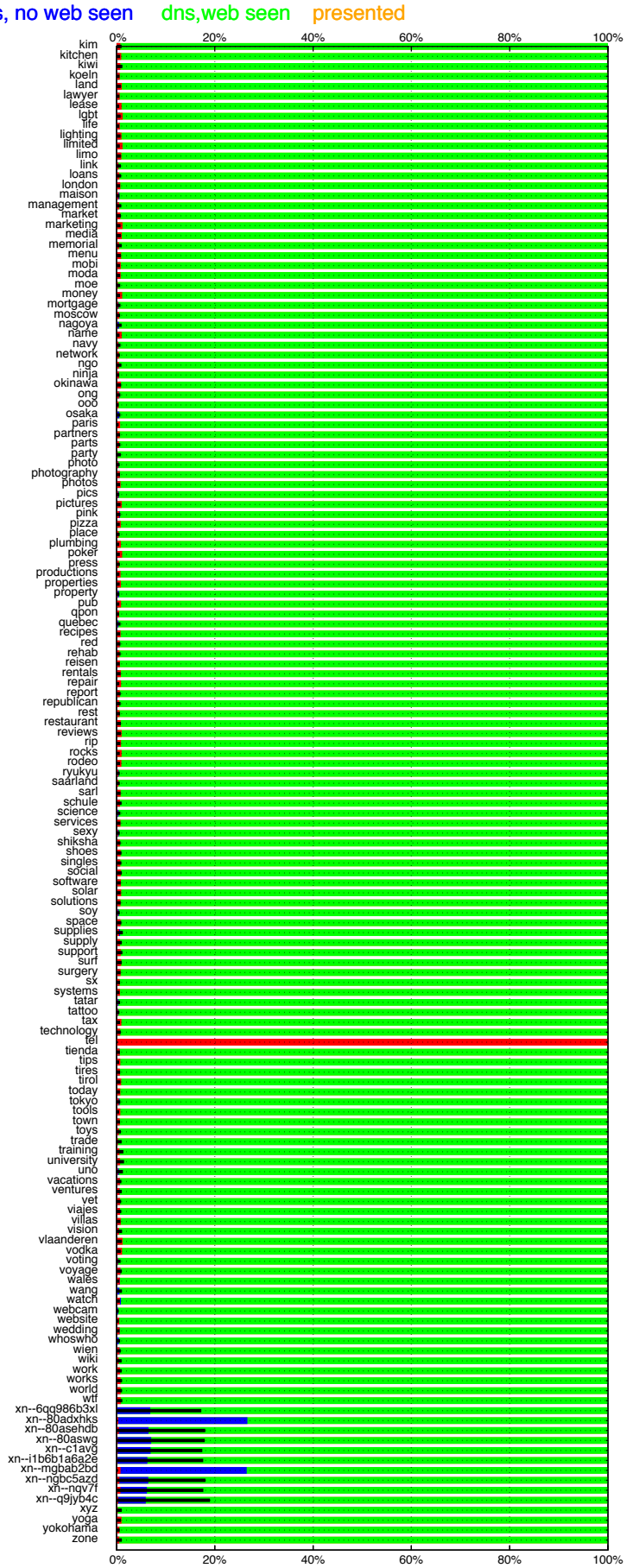
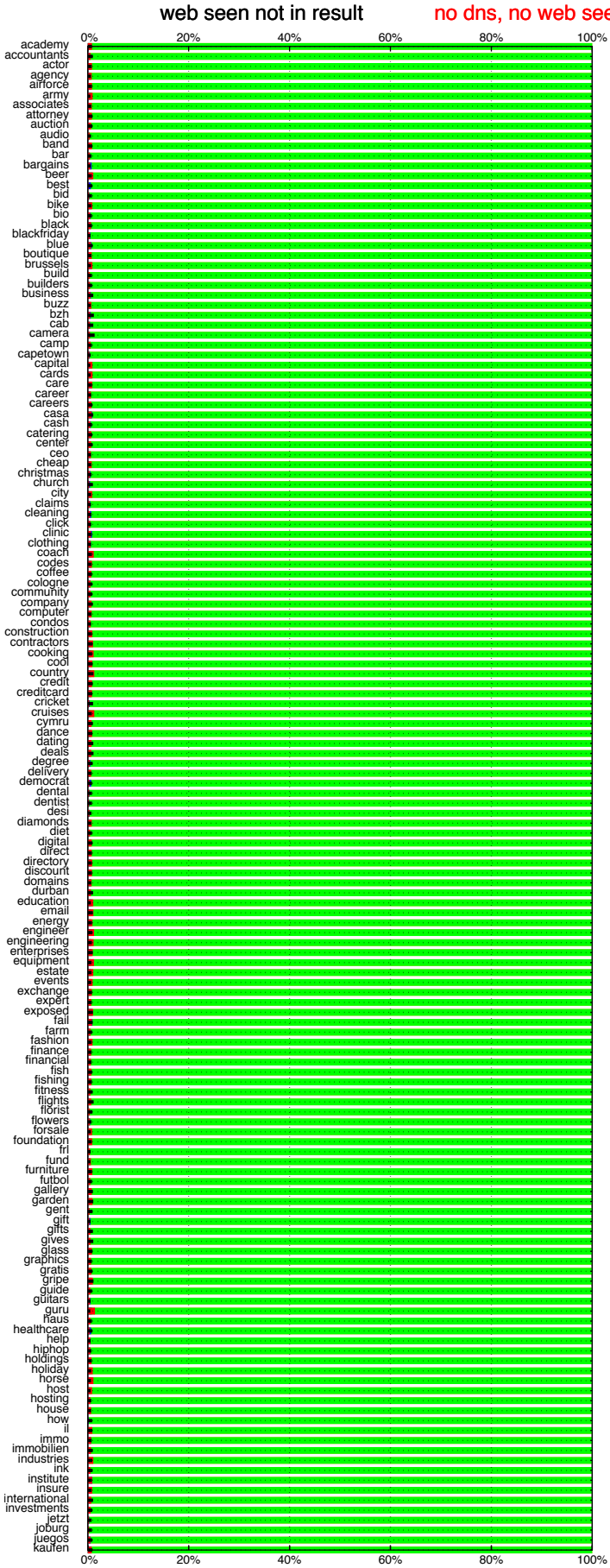
BF - Burkina Faso - Samplecount: 1418



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

BF - Burkina Faso - Samplecount: 1418

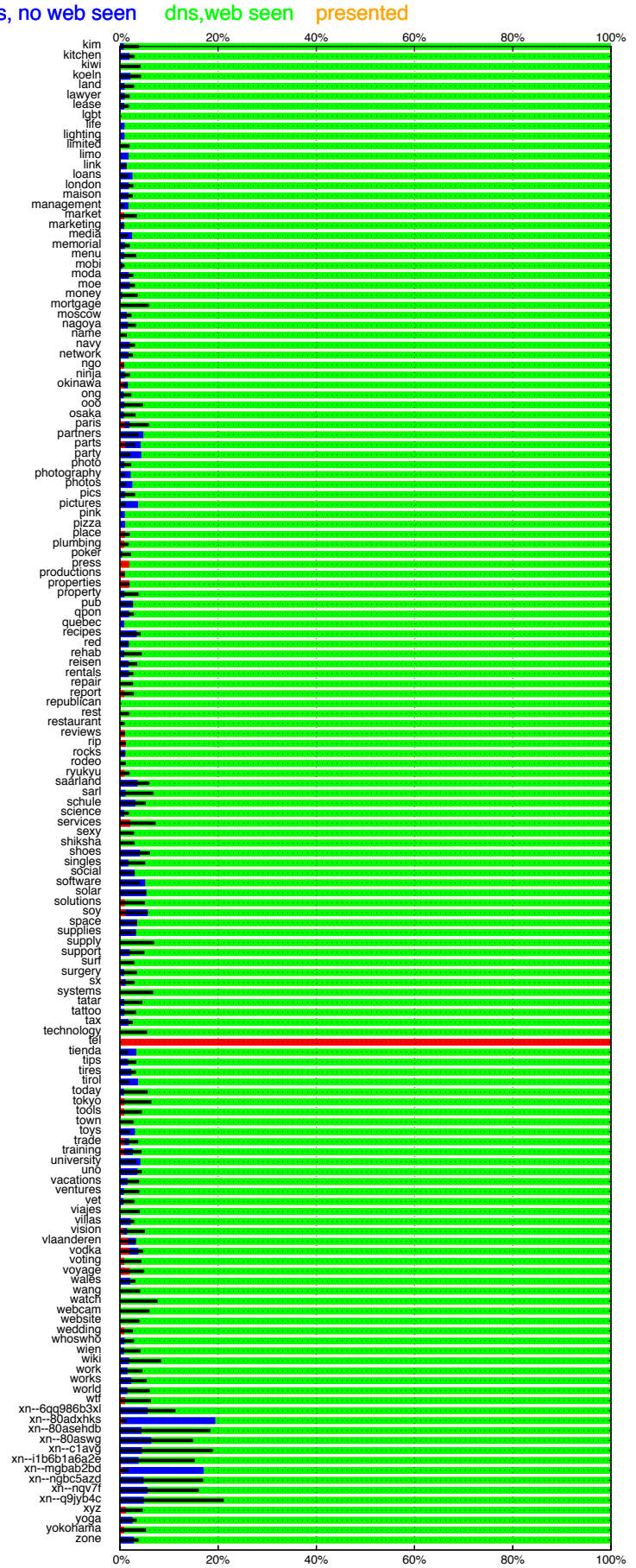
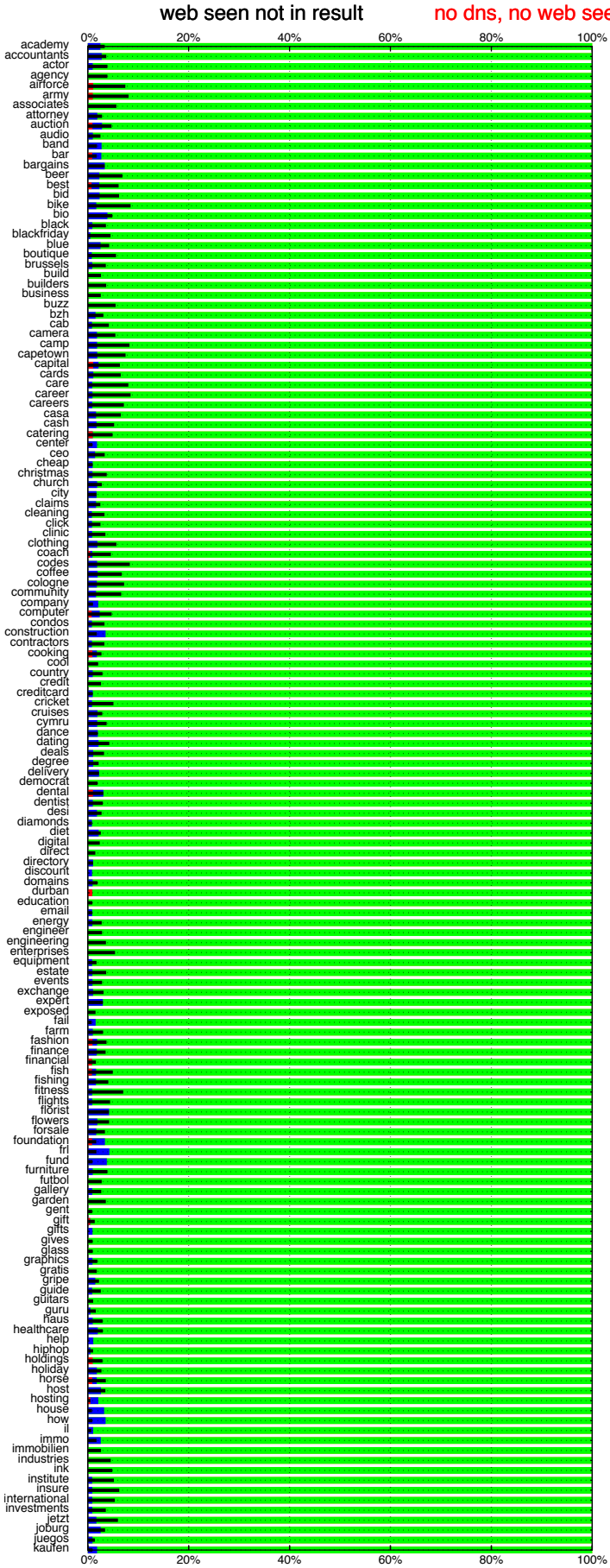
BG - Bulgaria - Samplecount: 823303



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

BG - Bulgaria - Samplecount: 823303

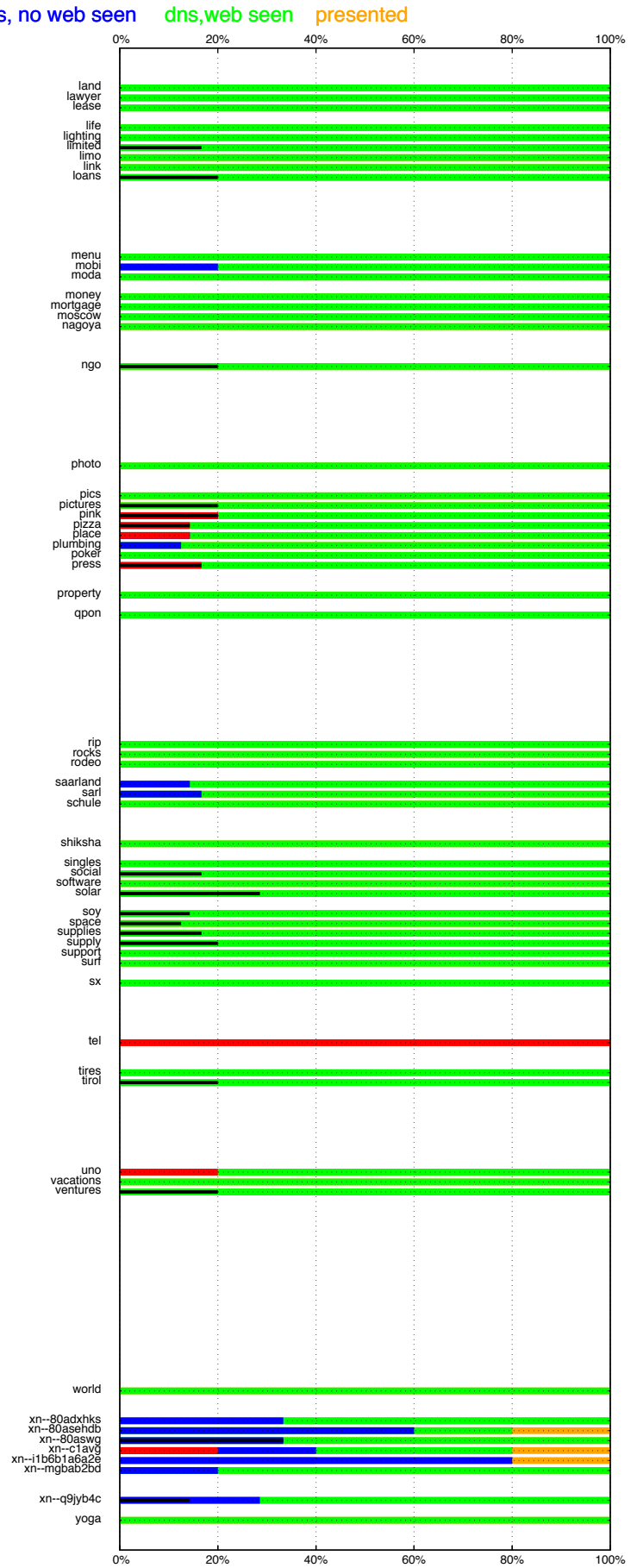
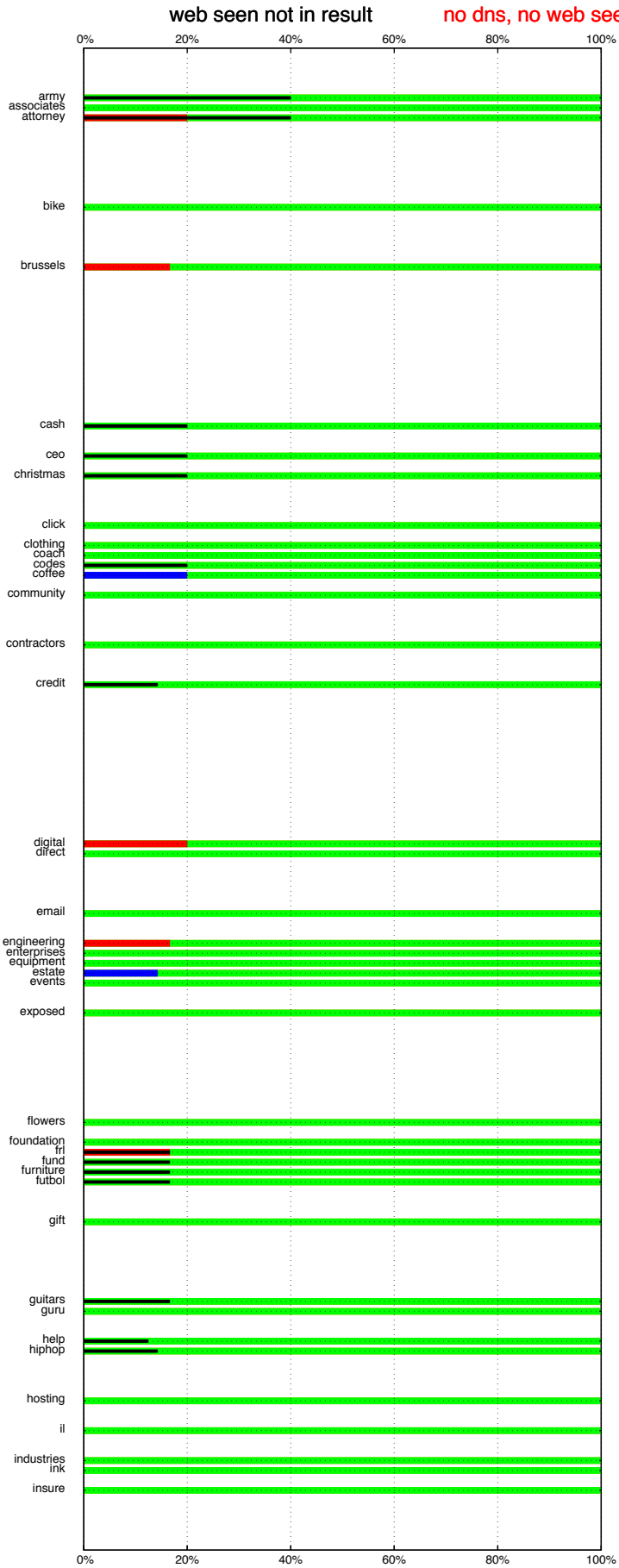
BH - Bahrain - Samplecount: 35453



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

BH - Bahrain - Samplecount: 35453

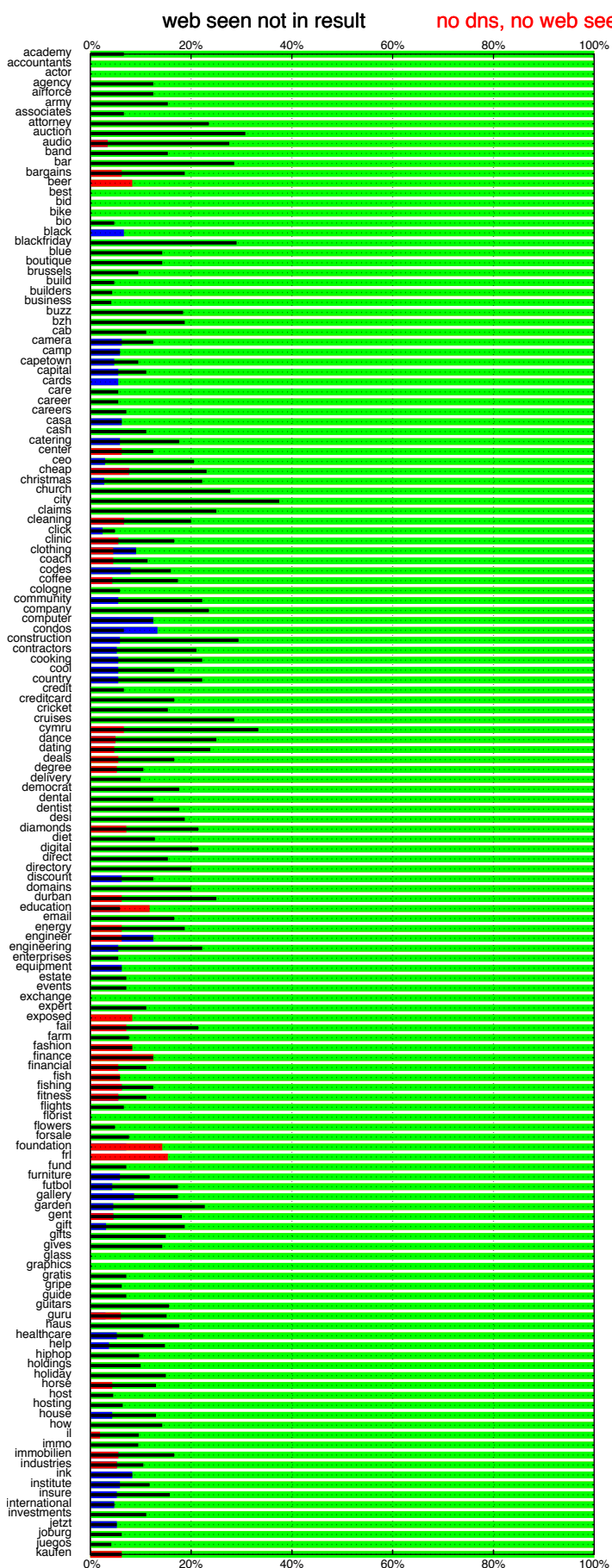
BI - Burundi - Samplecount: 1065



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

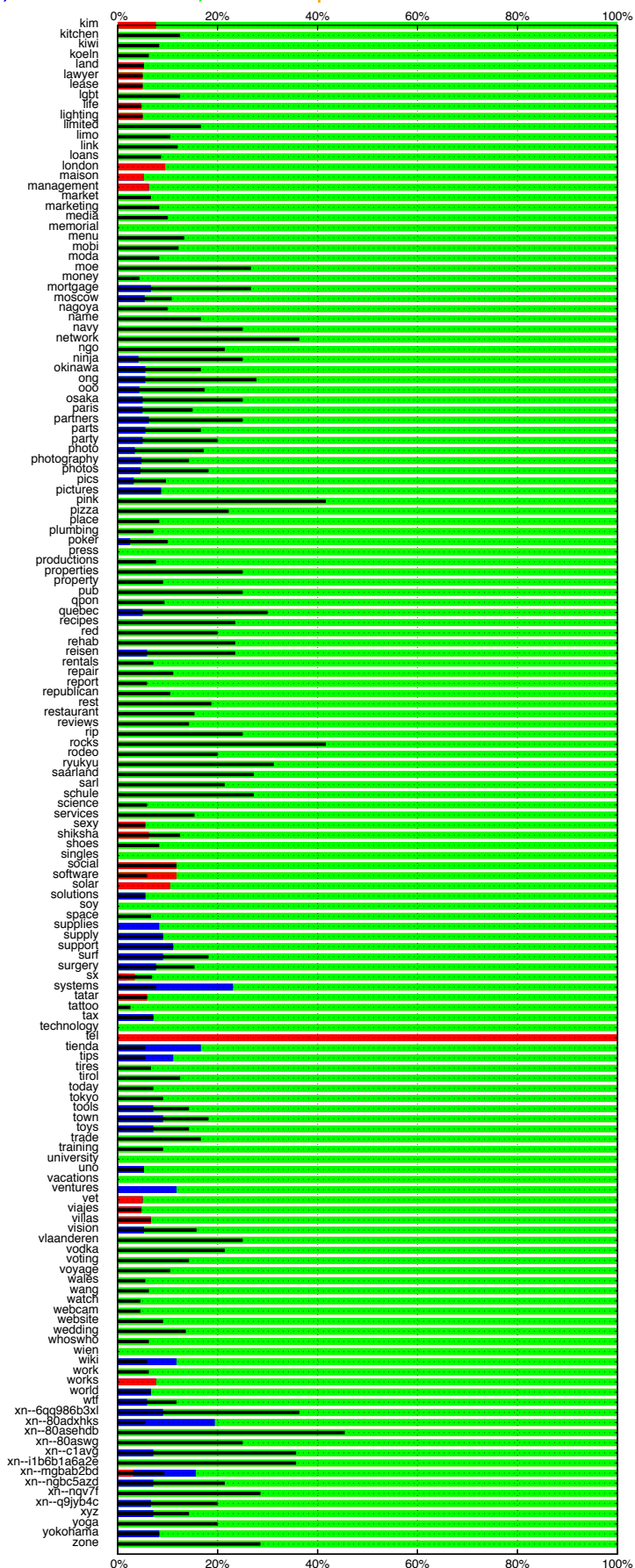
BI - Burundi - Samplecount: 1065

BJ - Benin - Samplecount: 4848



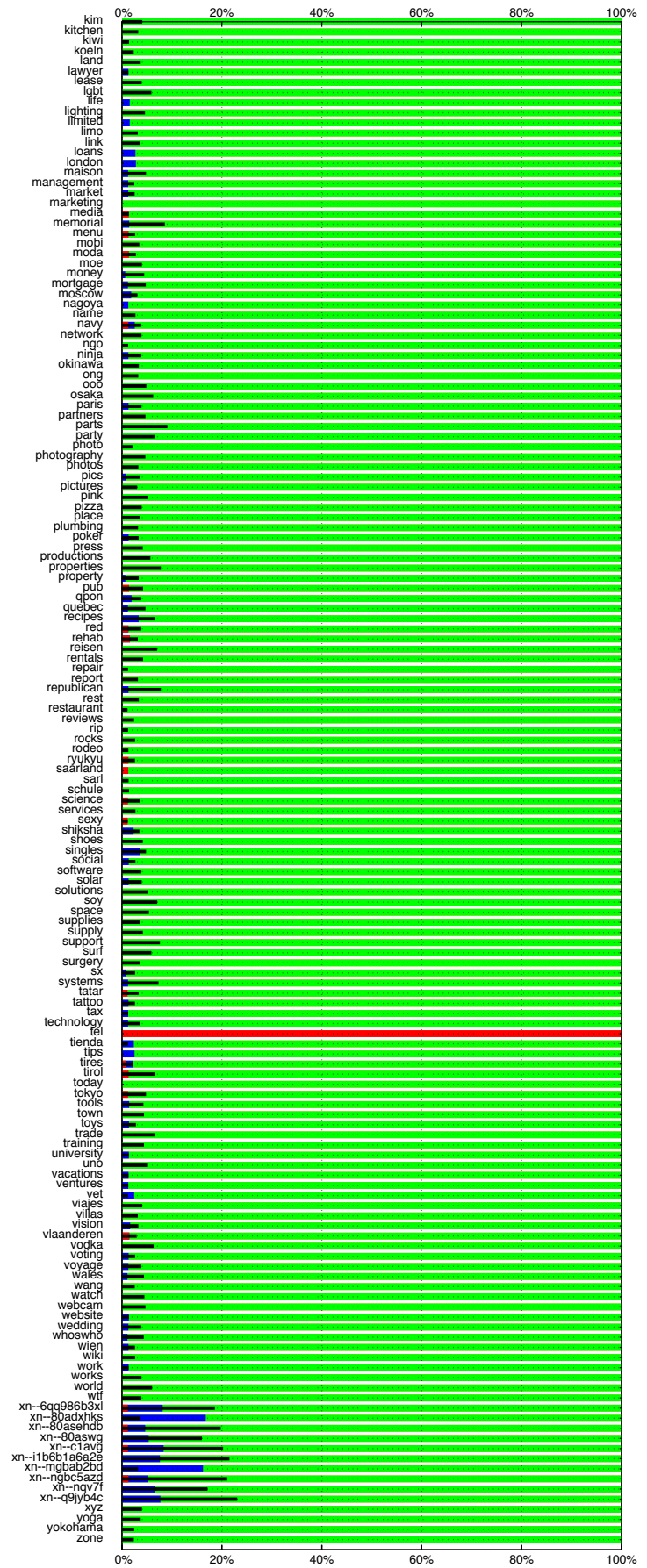
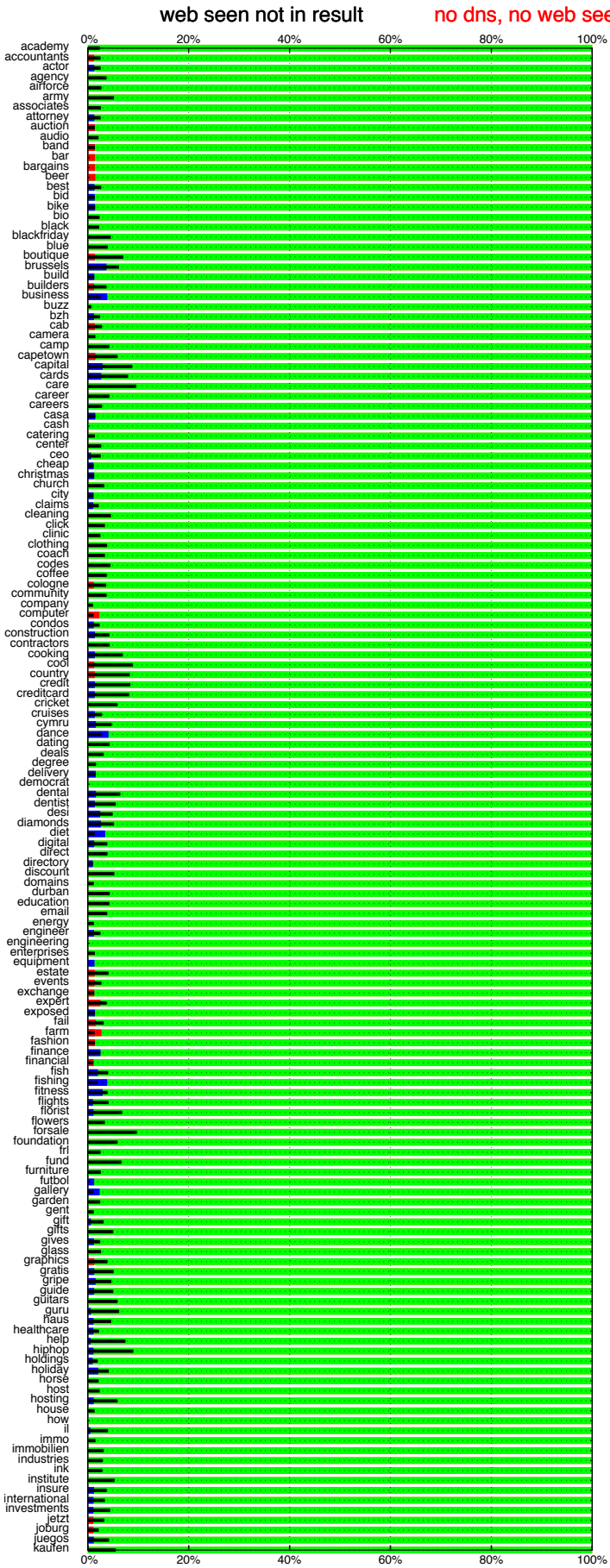
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

BJ - Benin - Samplecount: 4848



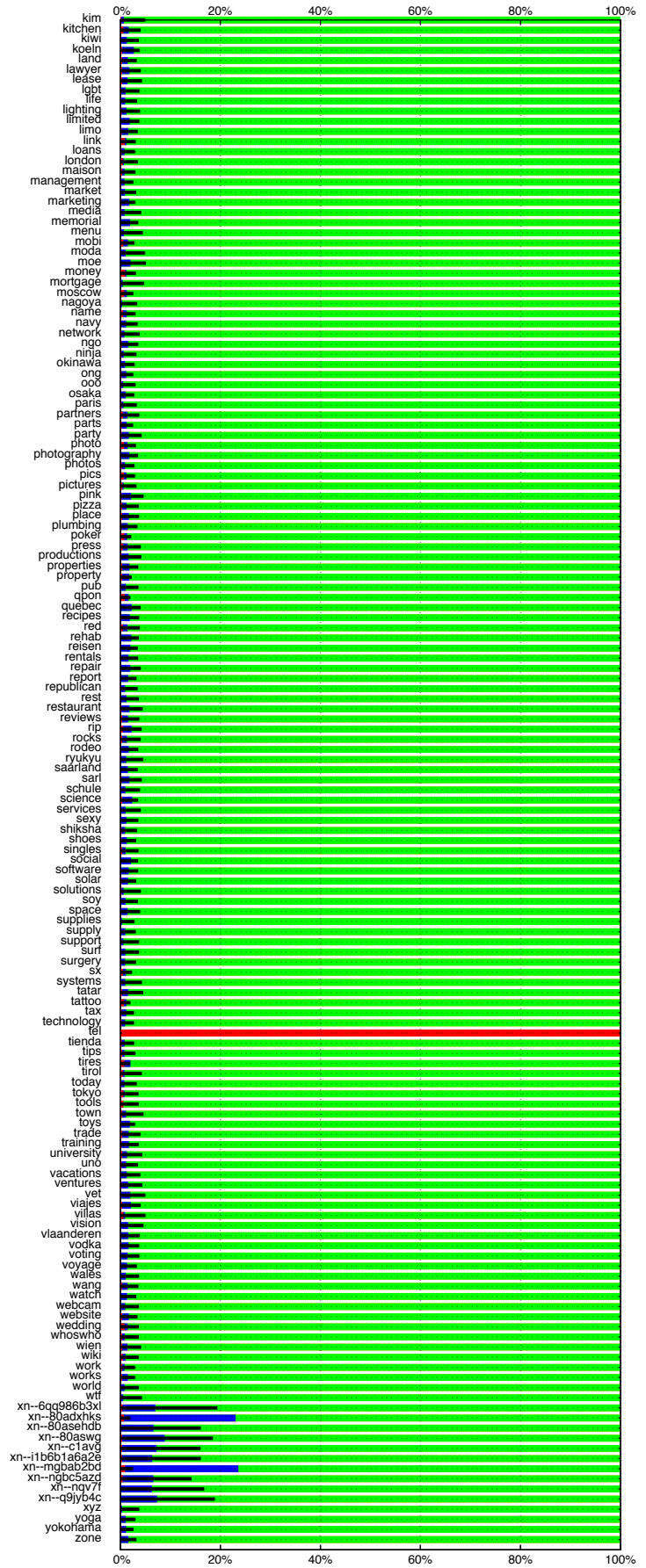
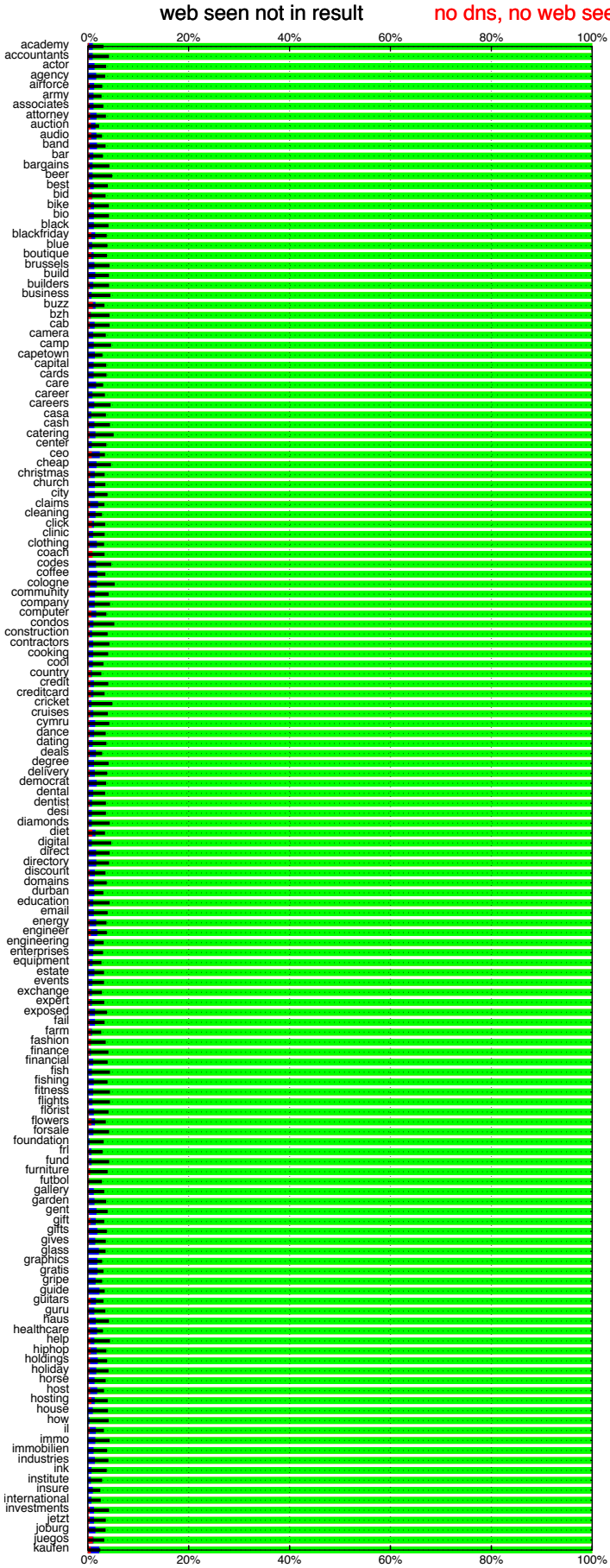
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

BN - Brunei - Samplecount: 25124



BN - Brunei - Samplecount: 25124

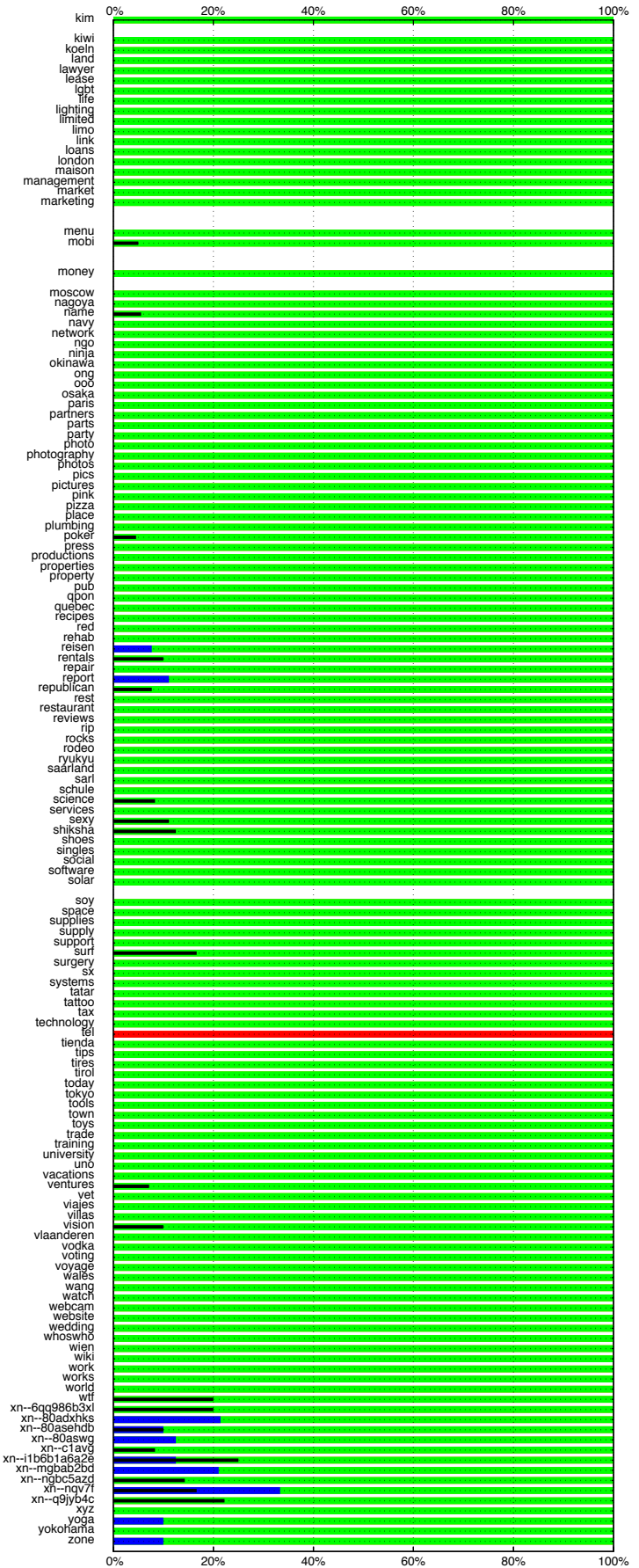
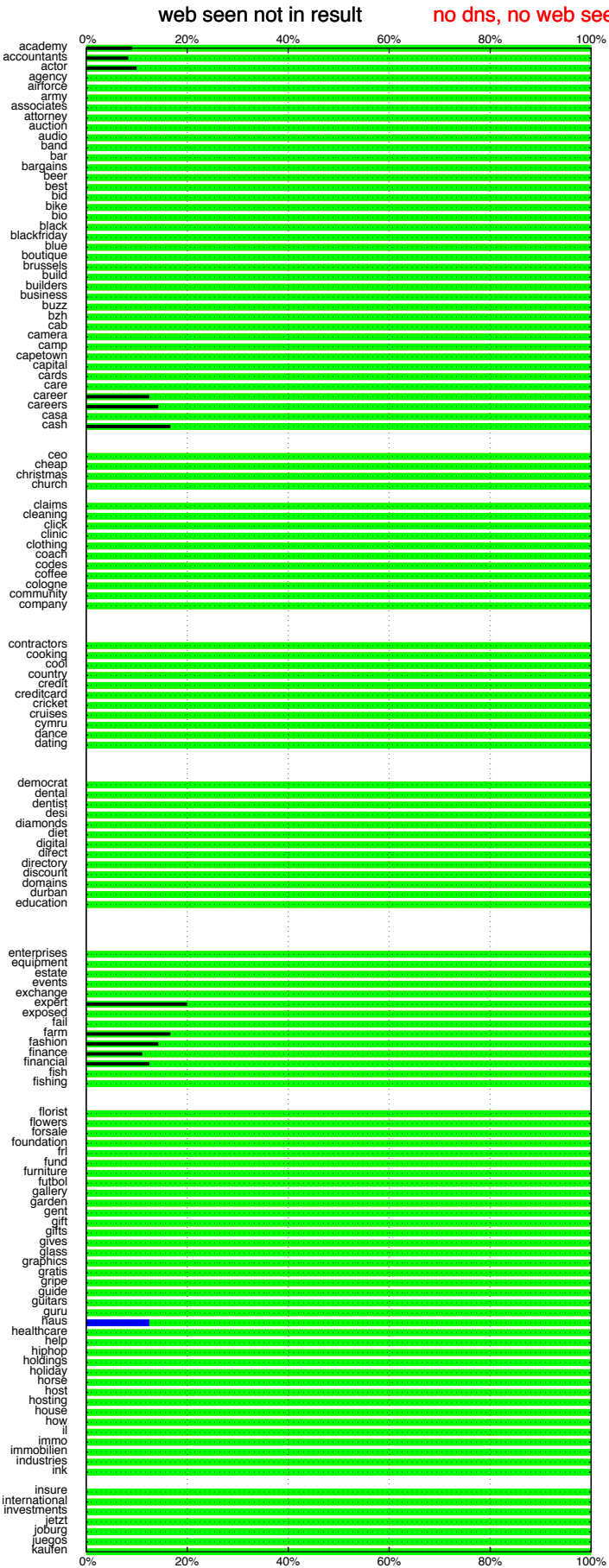
BO - Bolivia - Samplecount: 272895



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

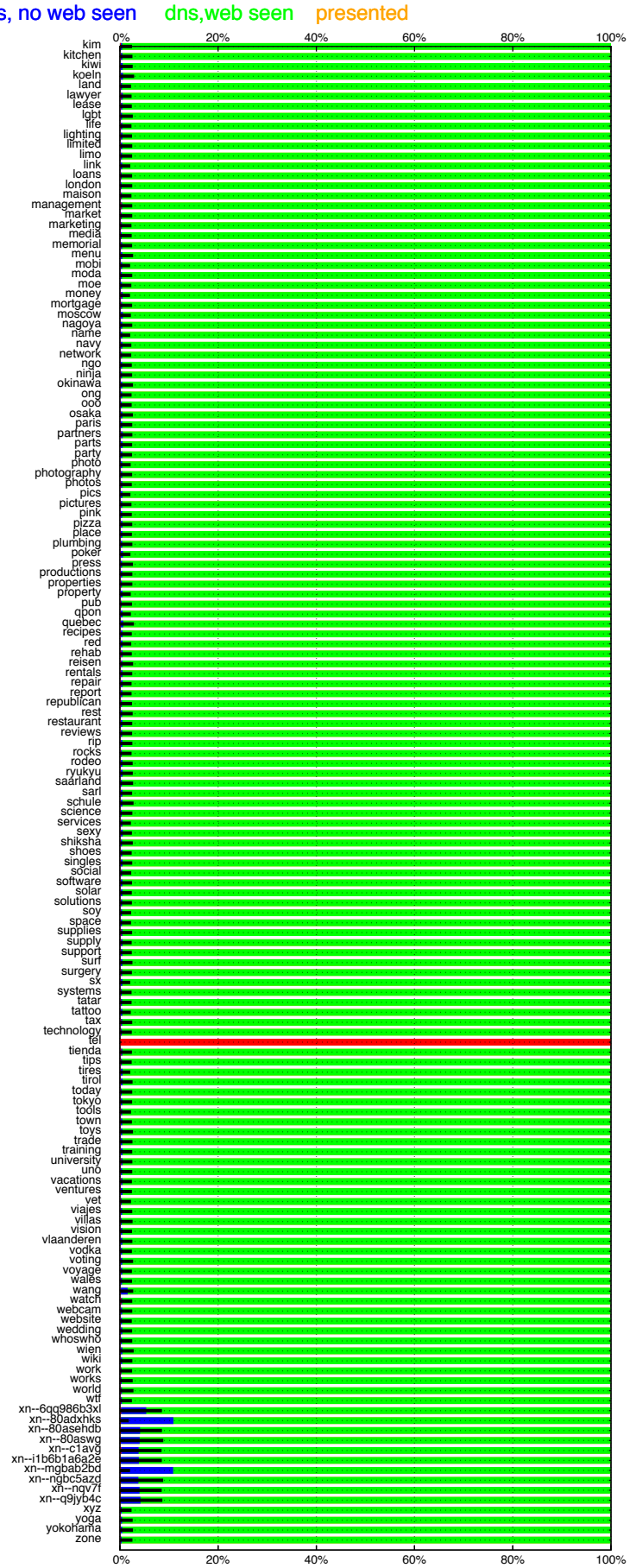
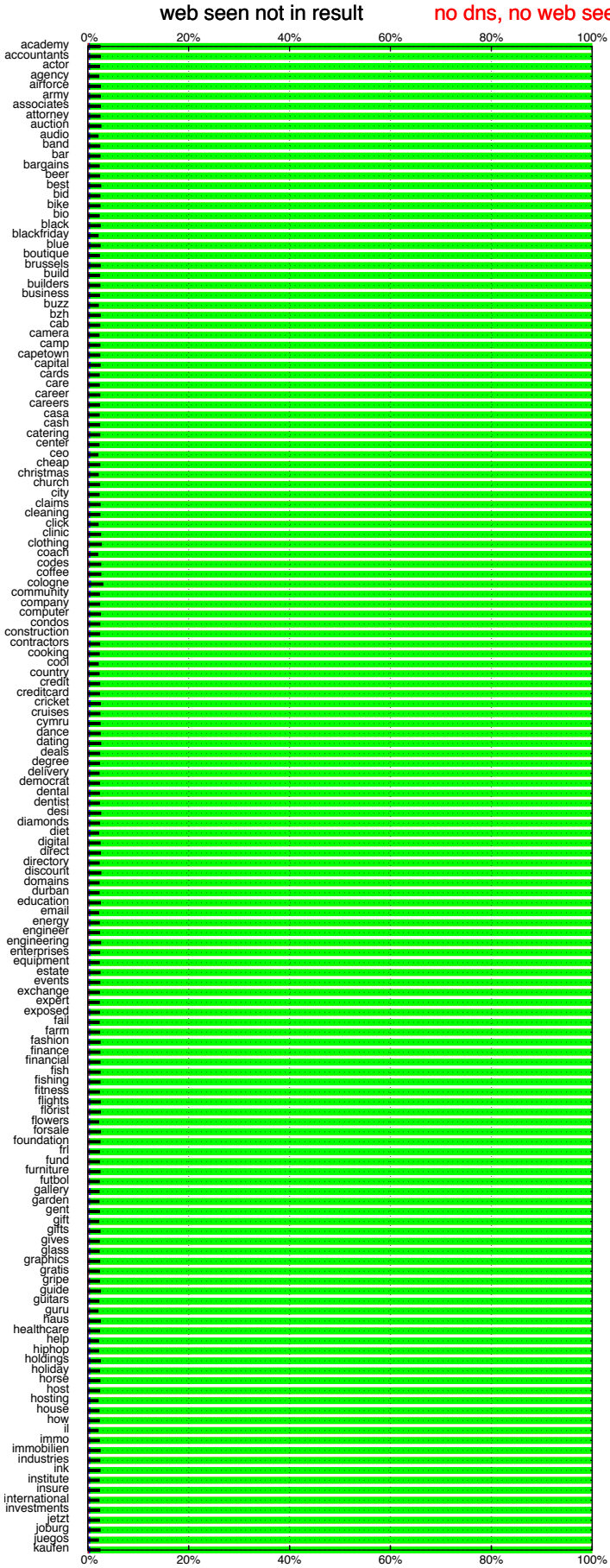
BO - Bolivia - Samplecount: 272895

BQ - Caribbean Netherlands - Samplecount: 2646



BQ - Caribbean Netherlands - Samplecount: 2646

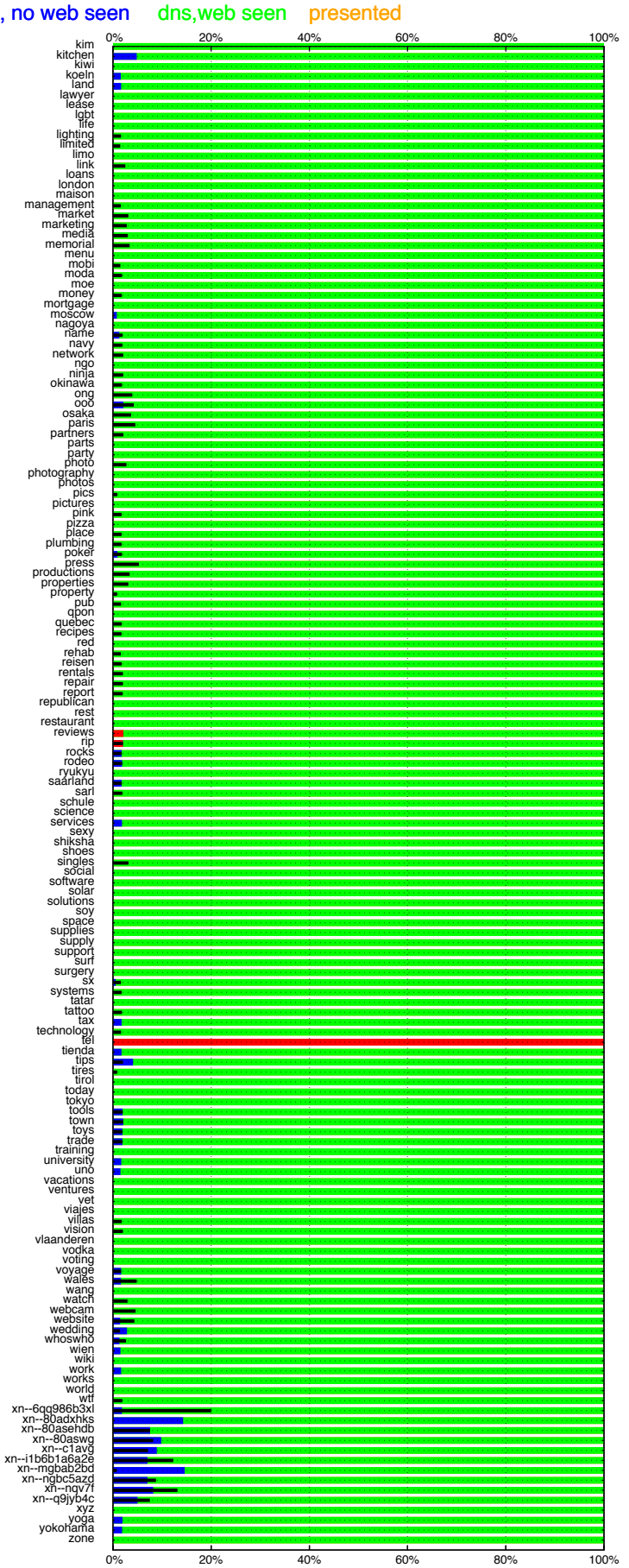
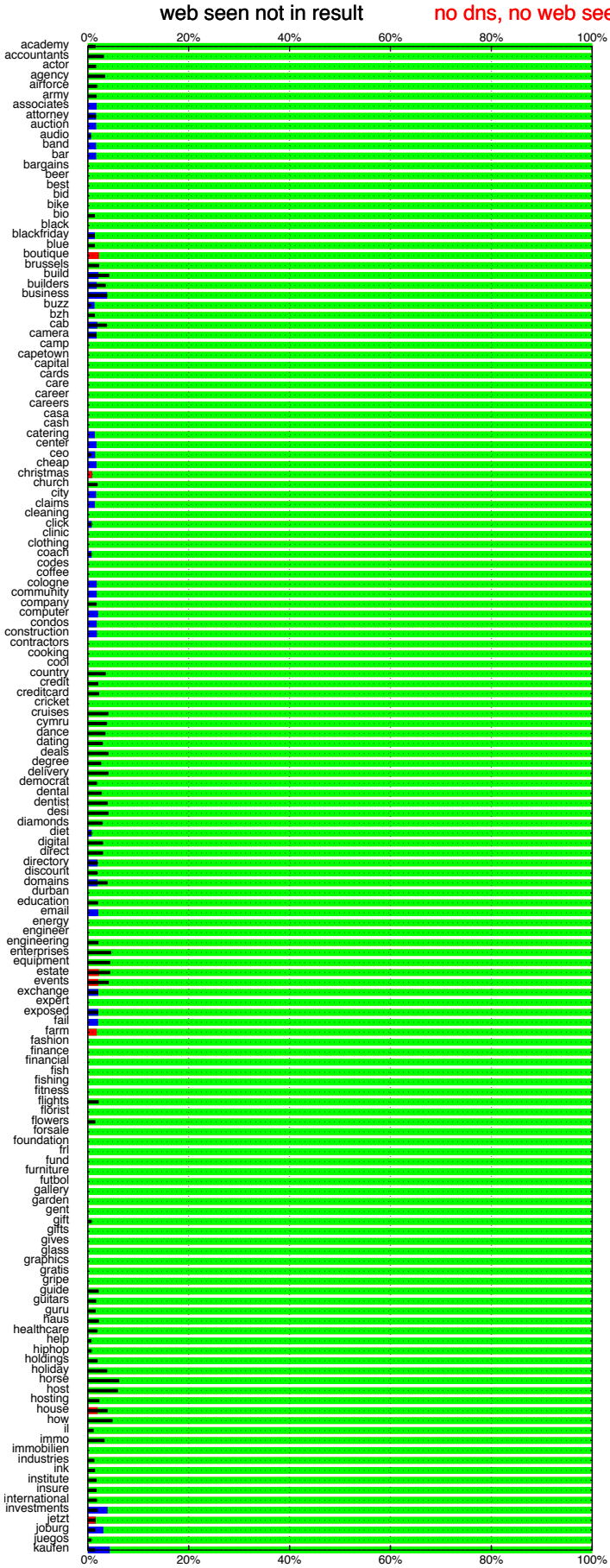
BR - Brazil - Samplecount: 8531555



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

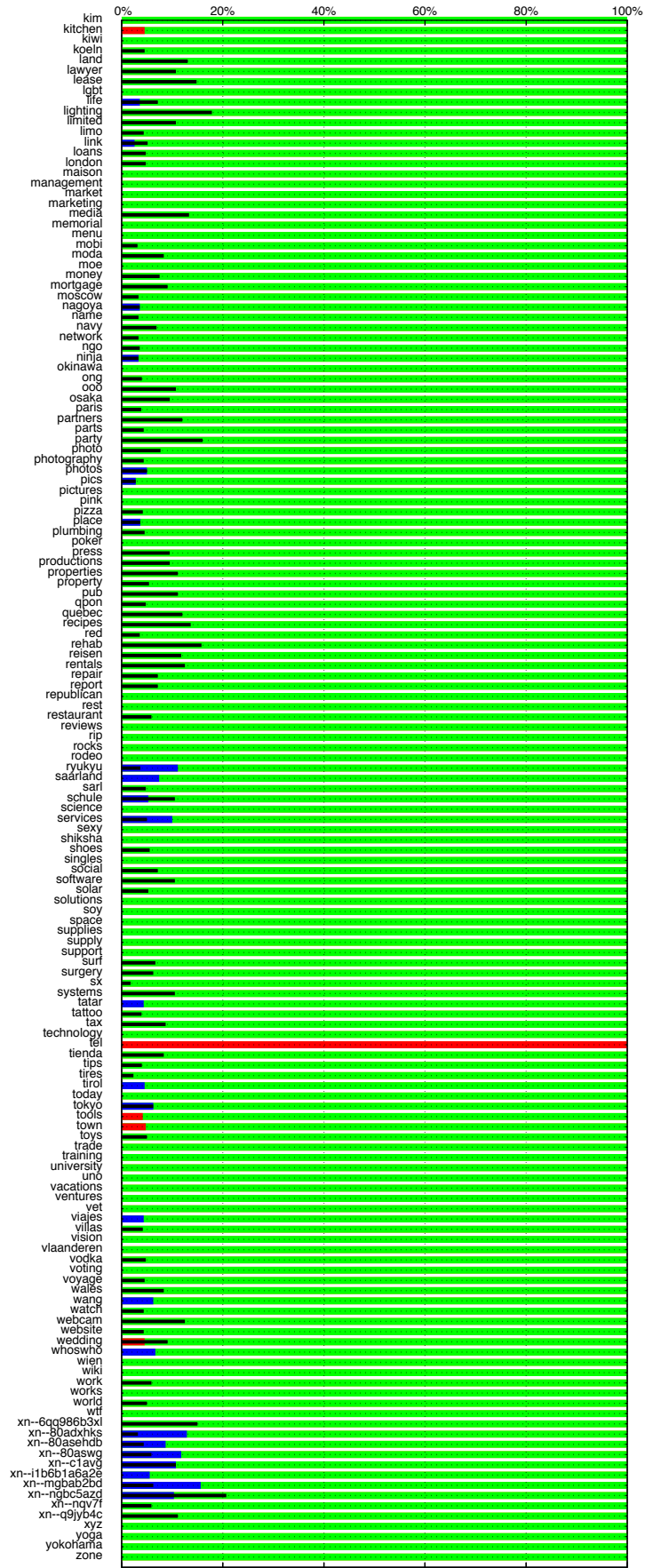
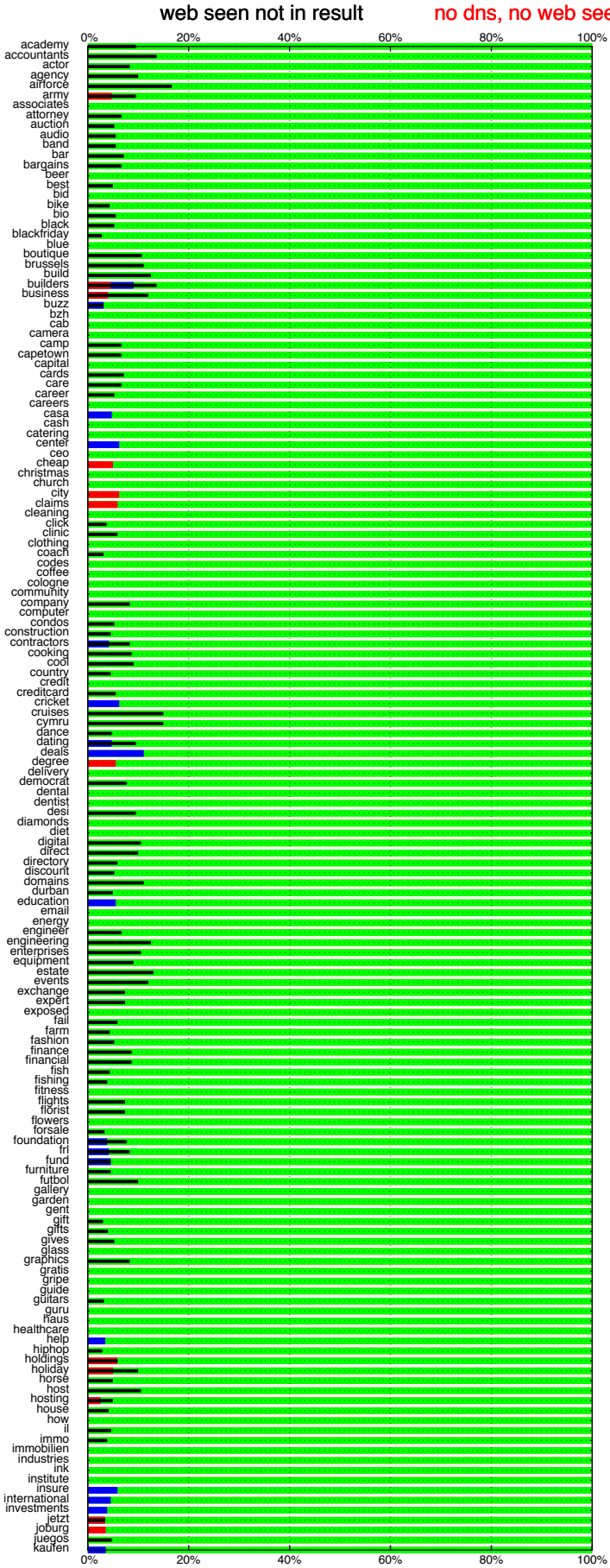
BR - Brazil - Samplecount: 8531555

BS - Bahamas - Samplecount: 19432



BS - Bahamas - Samplecount: 19432

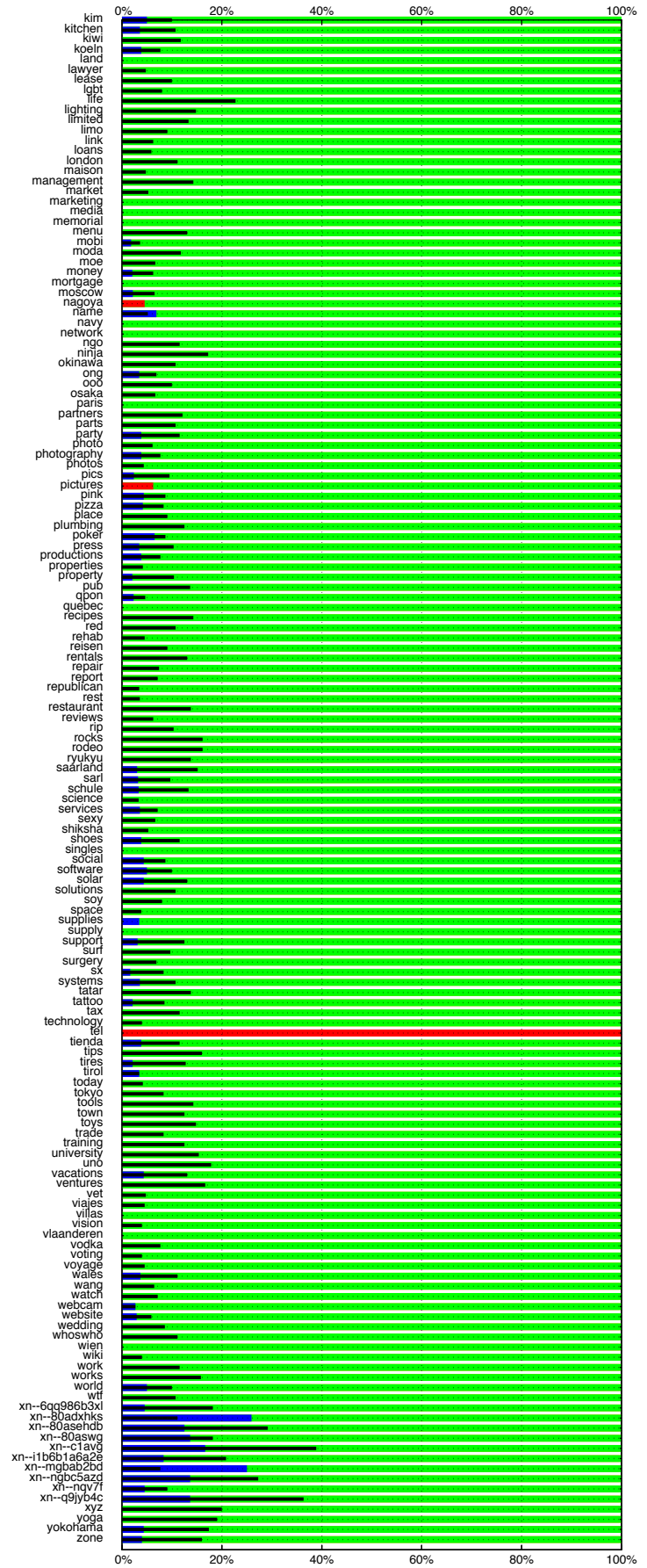
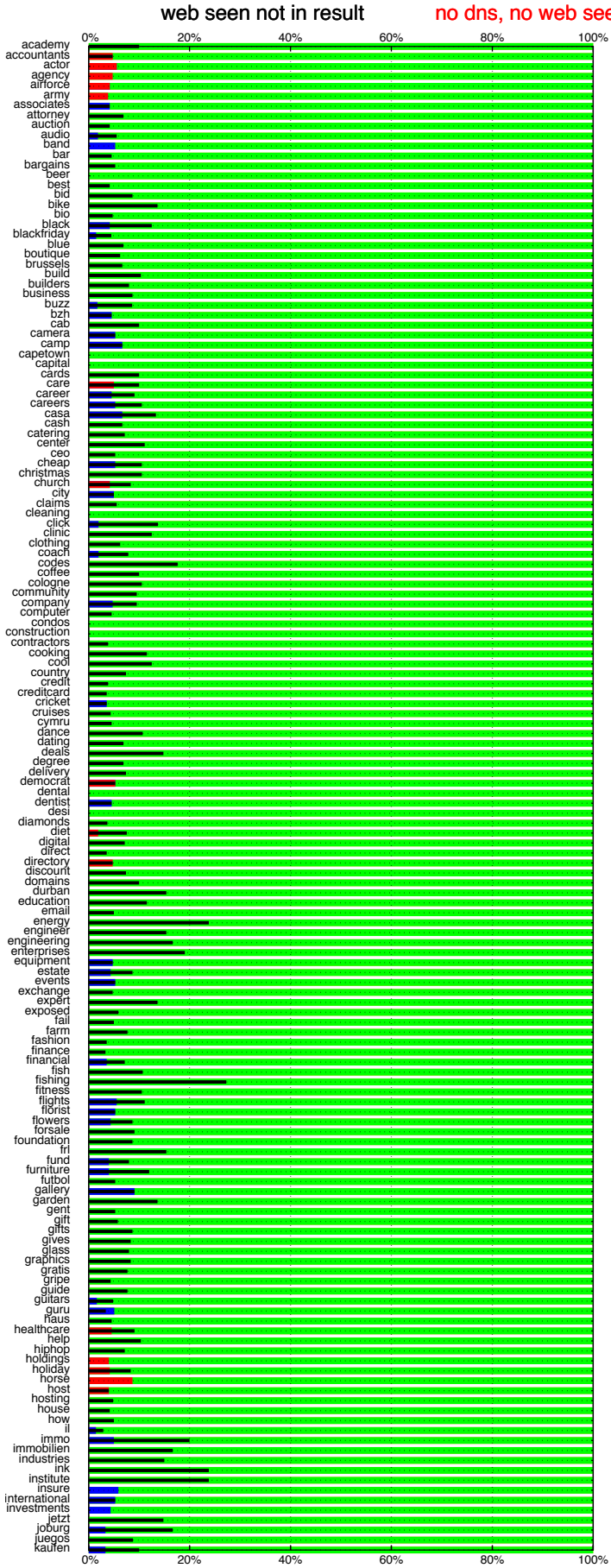
BT - Bhutan - Samplecount: 6453



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

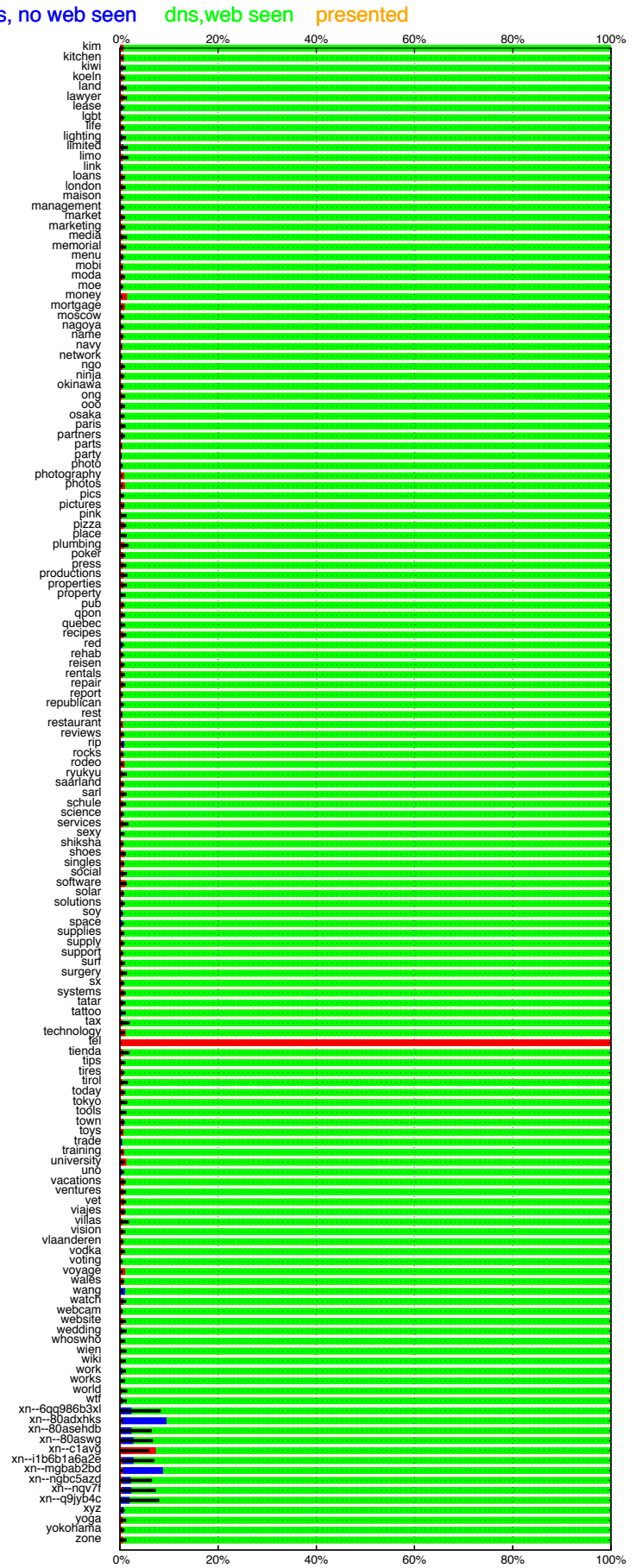
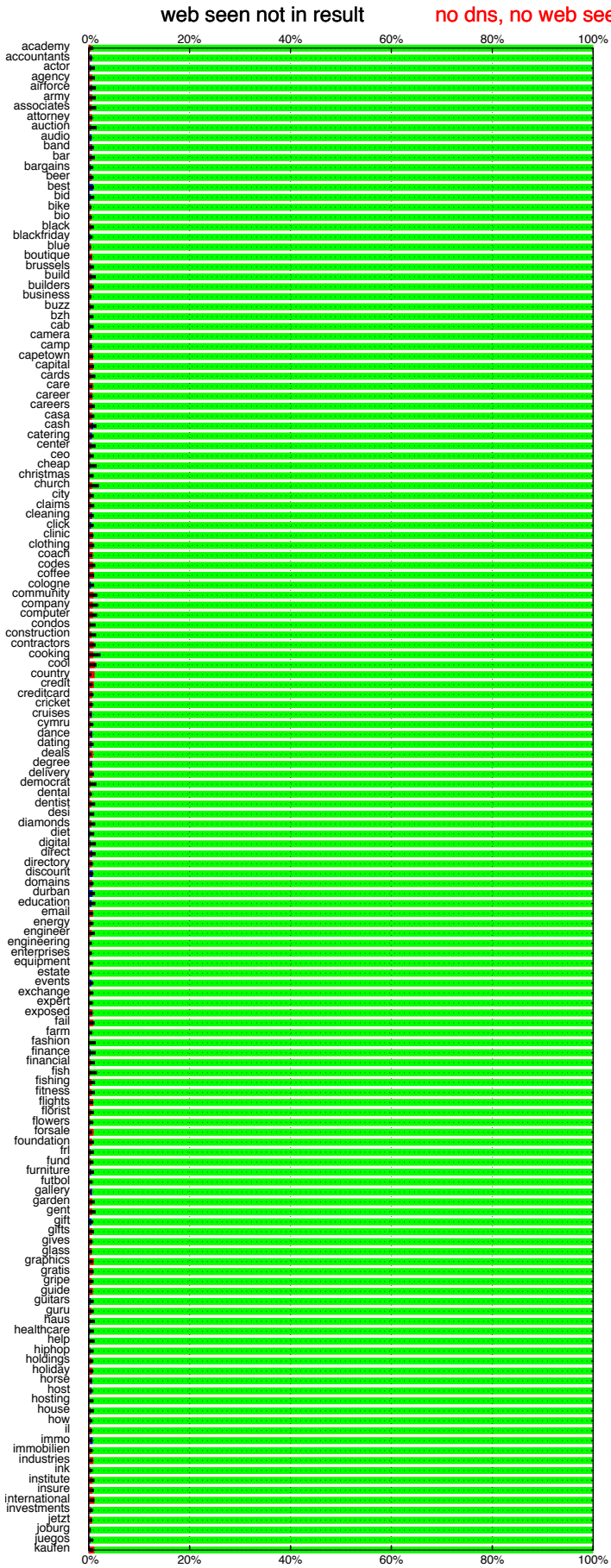
BT - Bhutan - Samplecount: 6453

BW - Botswana - Samplecount: 7567



BW - Botswana - Samplecount: 7567

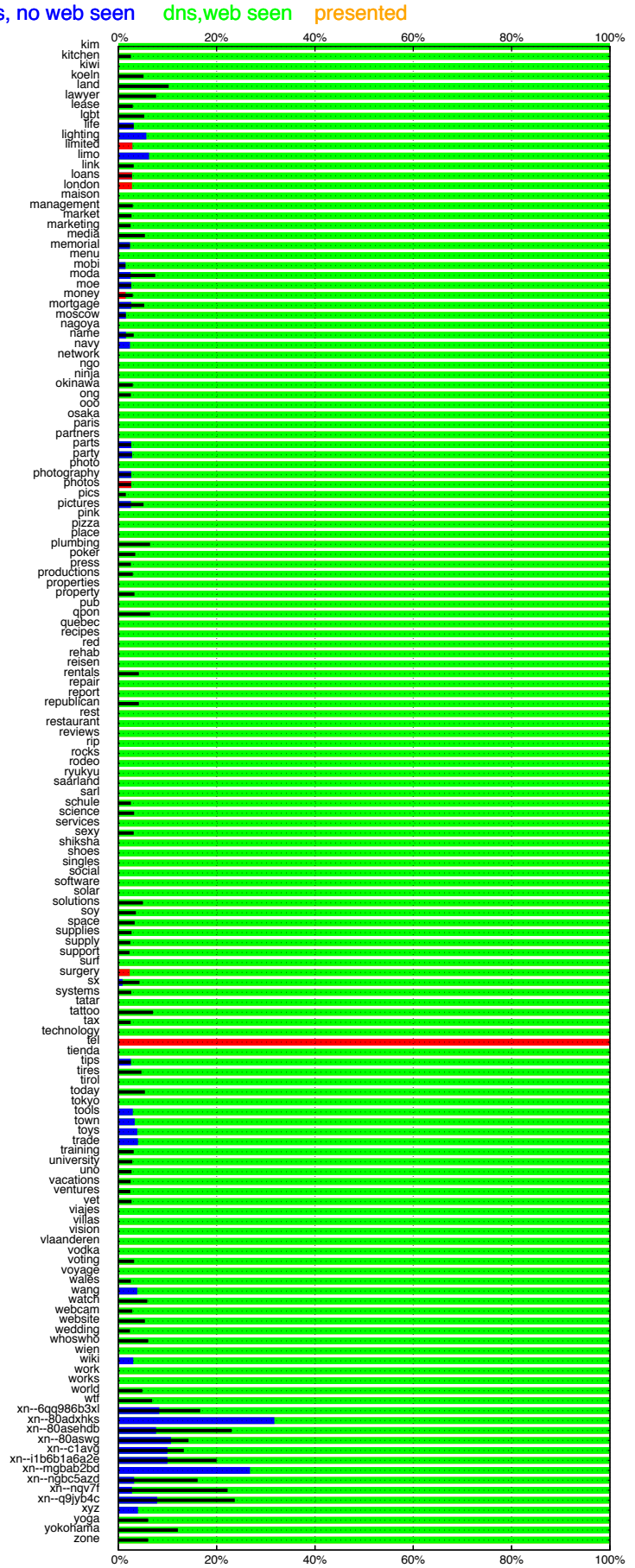
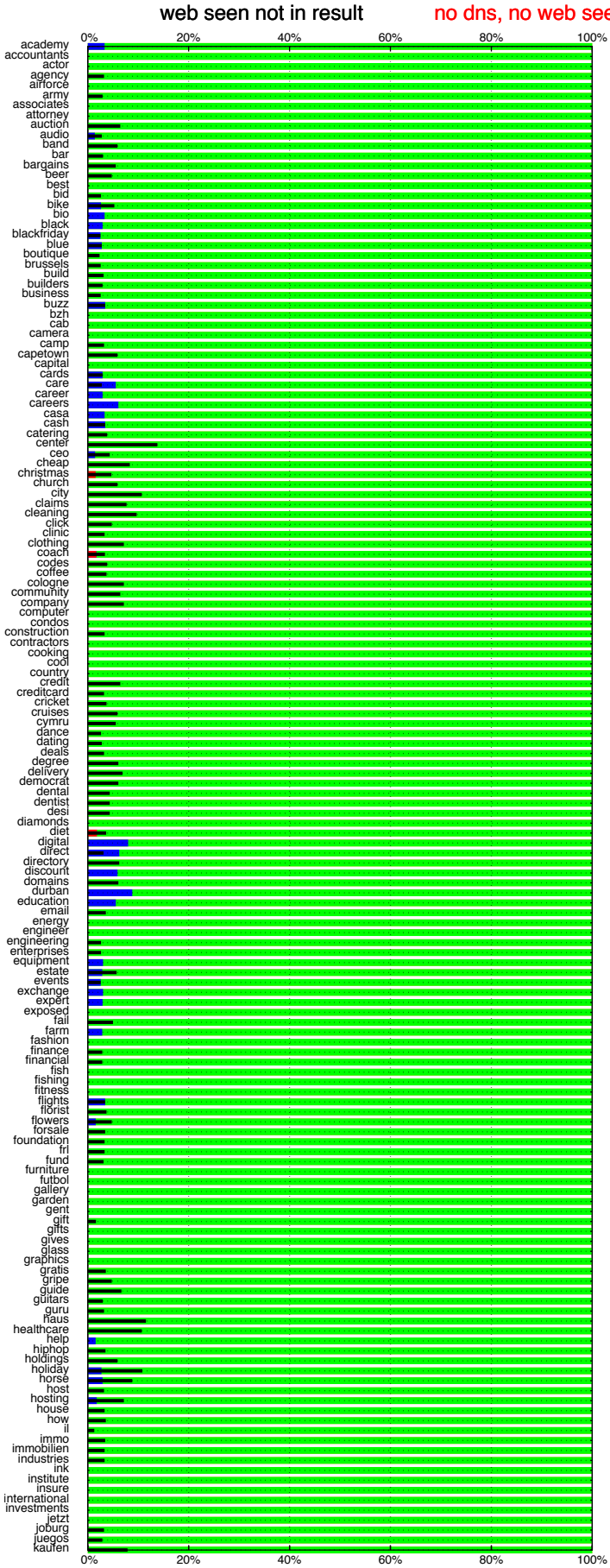
BY - Belarus - Samplecount: 351361



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

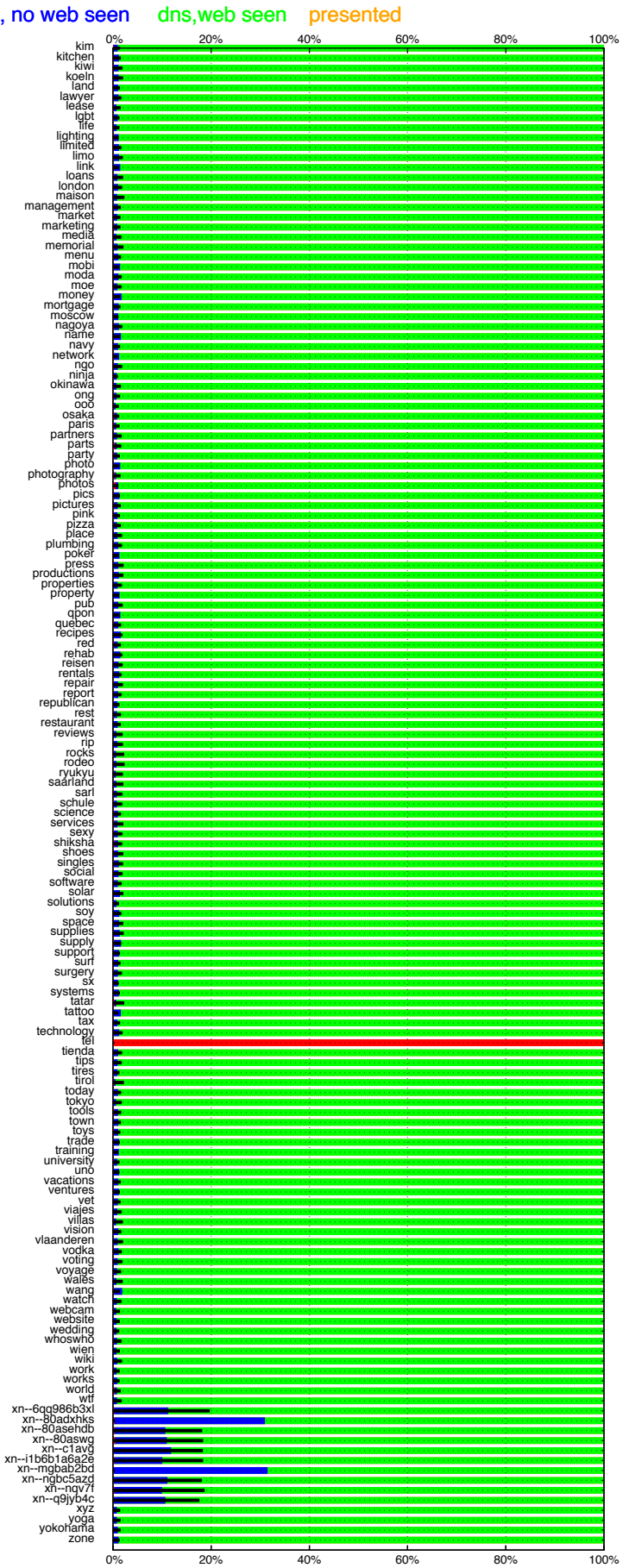
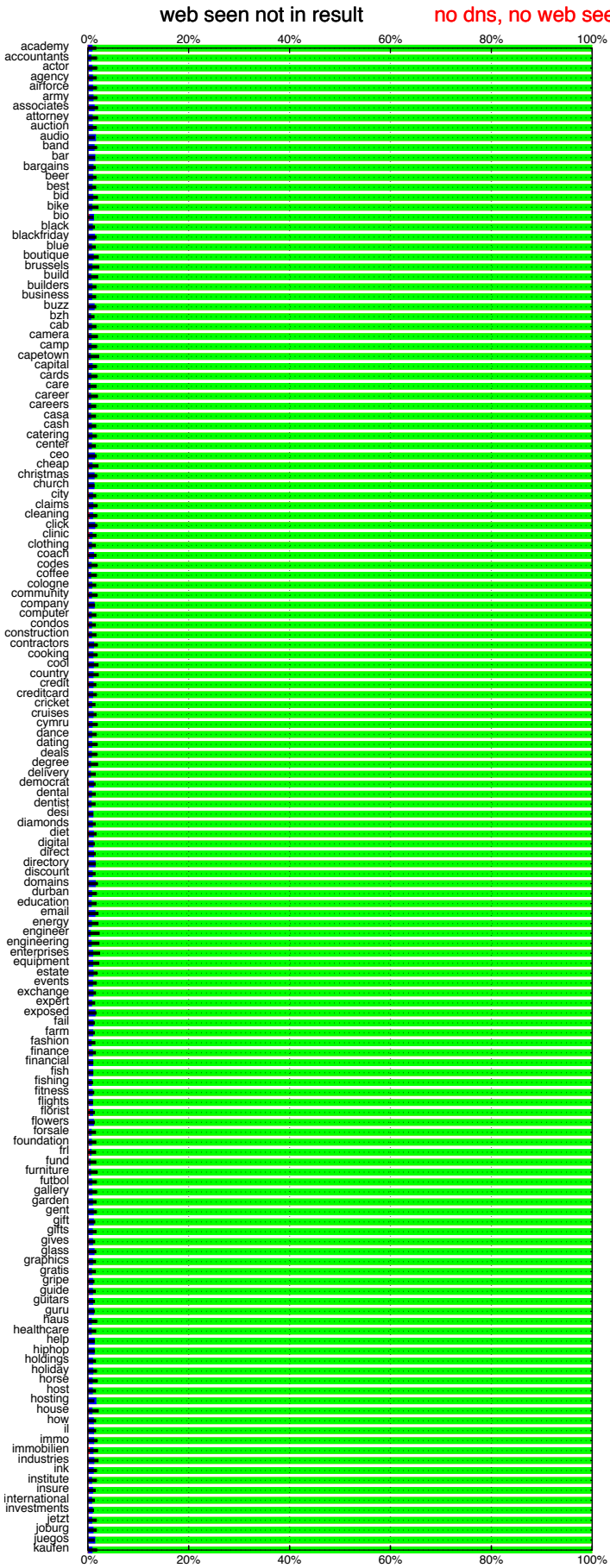
BY - Belarus - Samplecount: 351361

BZ - Belize - Samplecount: 10871



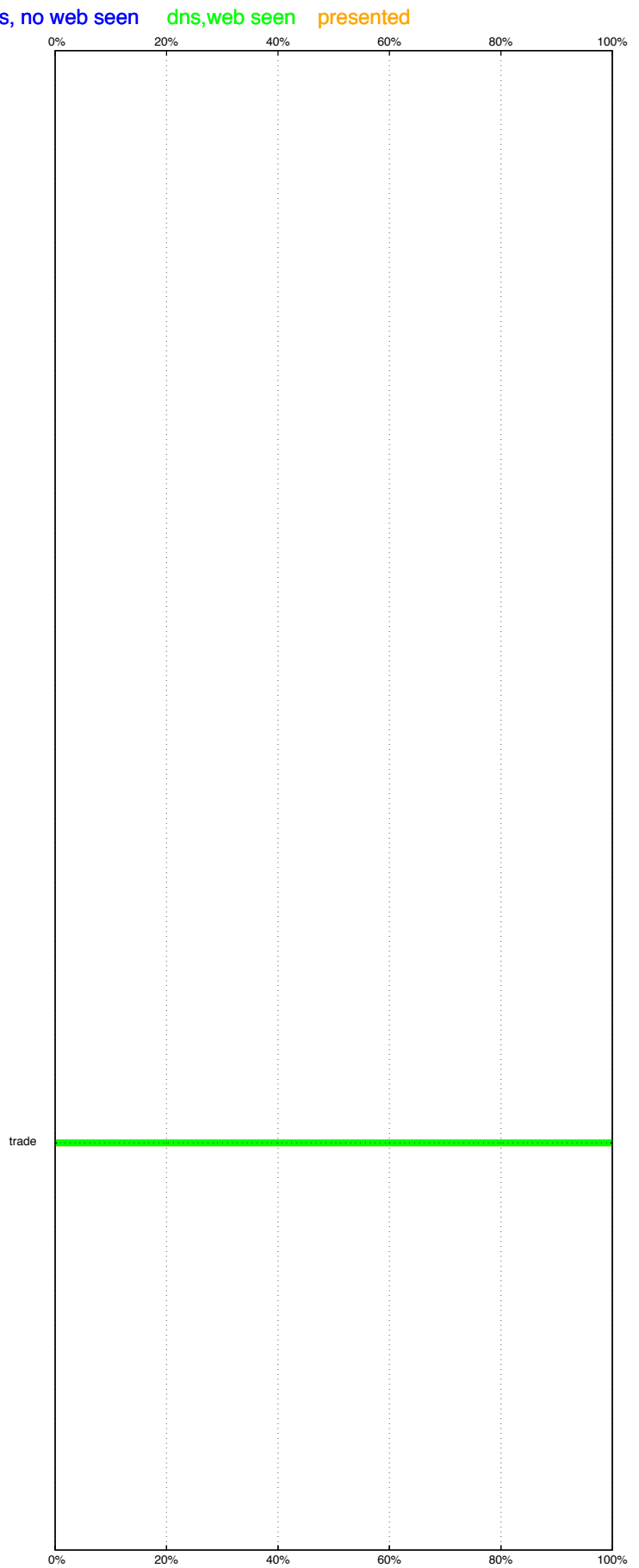
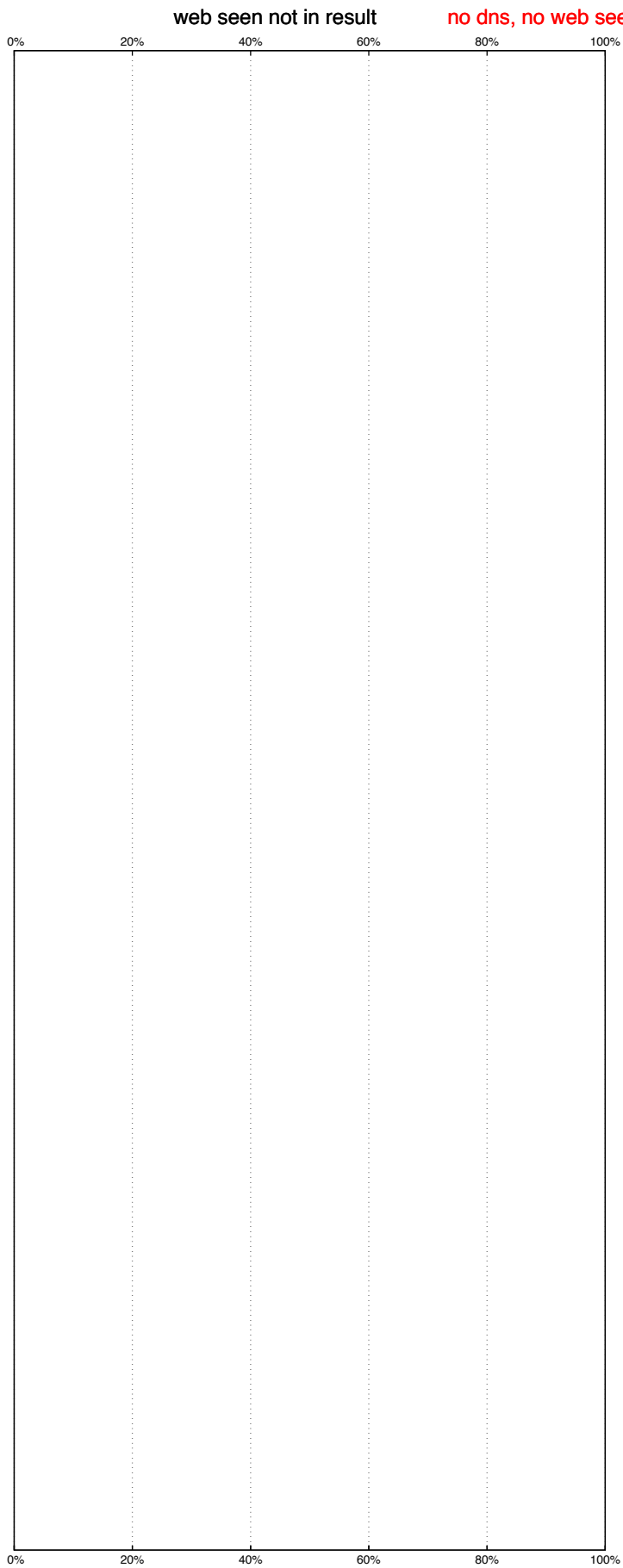
BZ - Belize - Samplecount: 10871

CA - Canada - Samplecount: 774211



CA - Canada - Samplecount: 774211

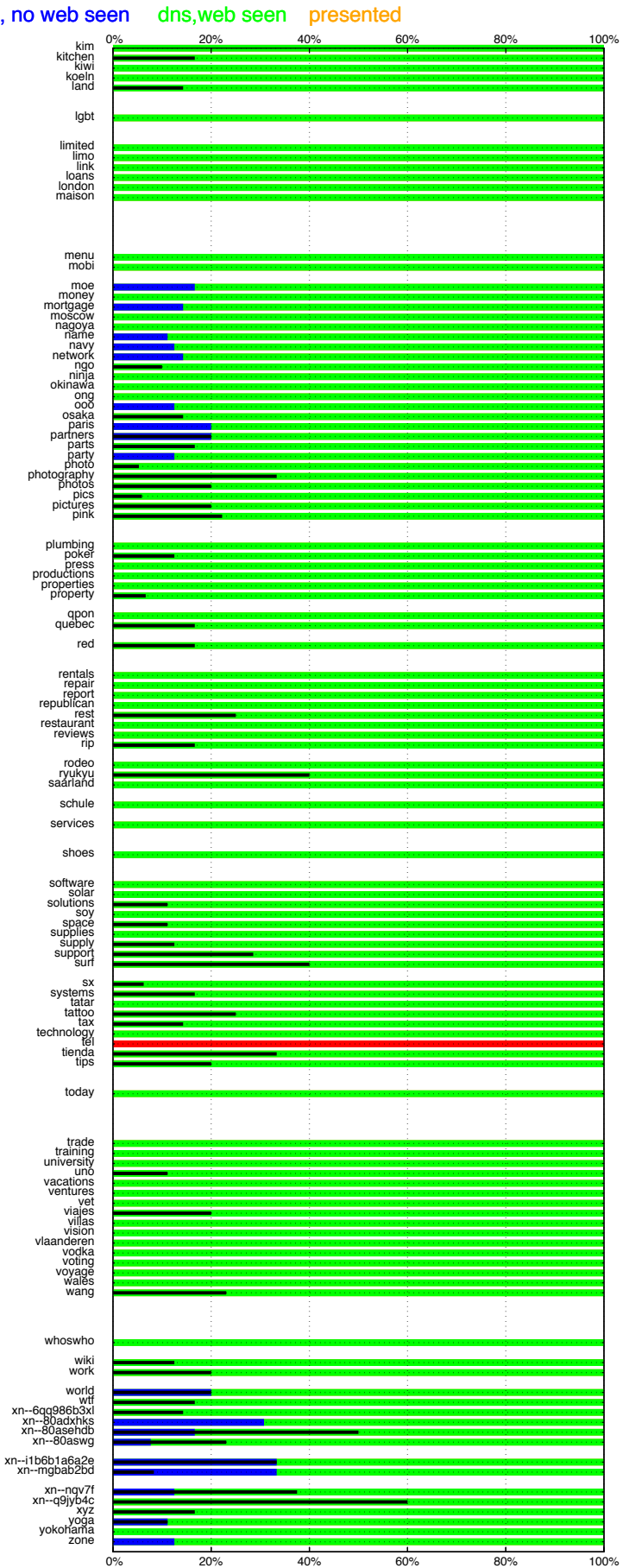
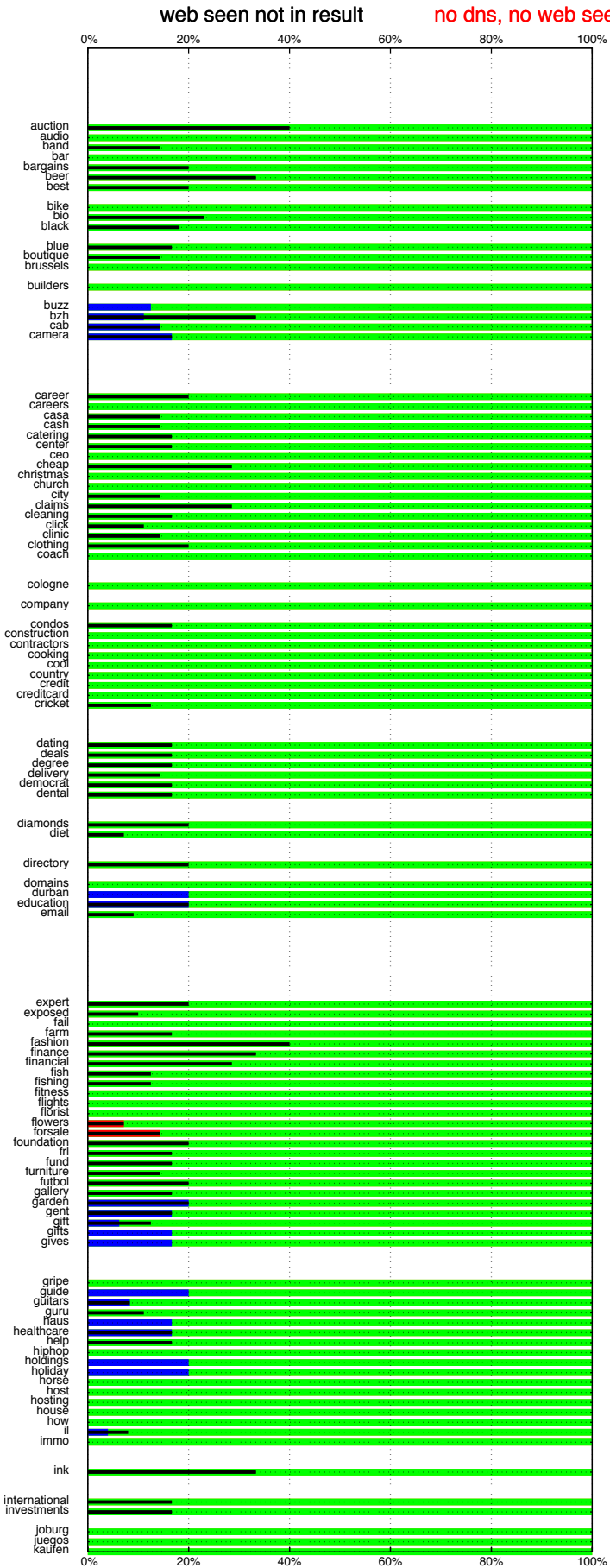
CF - Central African Rep. - Samplecount: 234



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CF - Central African Rep. - Samplecount: 234

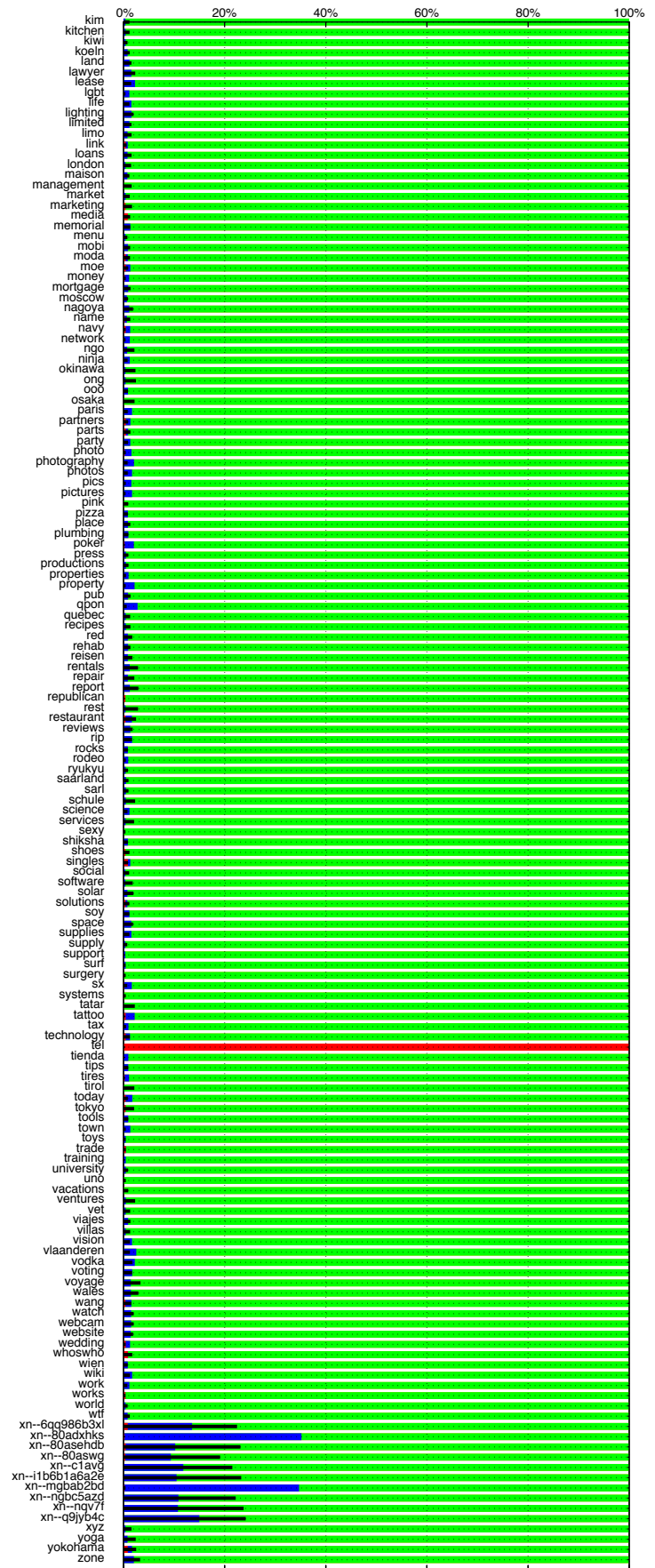
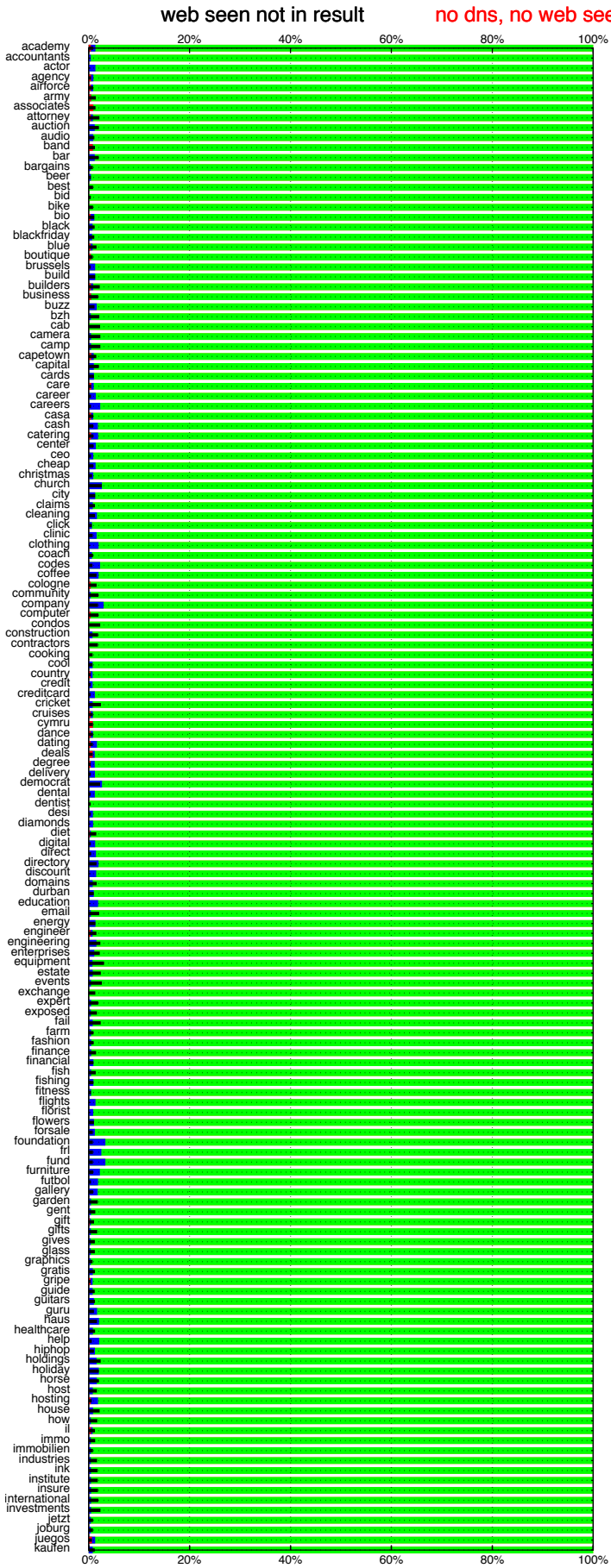
CG - Congo (Rep.) - Samplecount: 1730



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CG - Congo (Rep.) - Samplecount: 1730

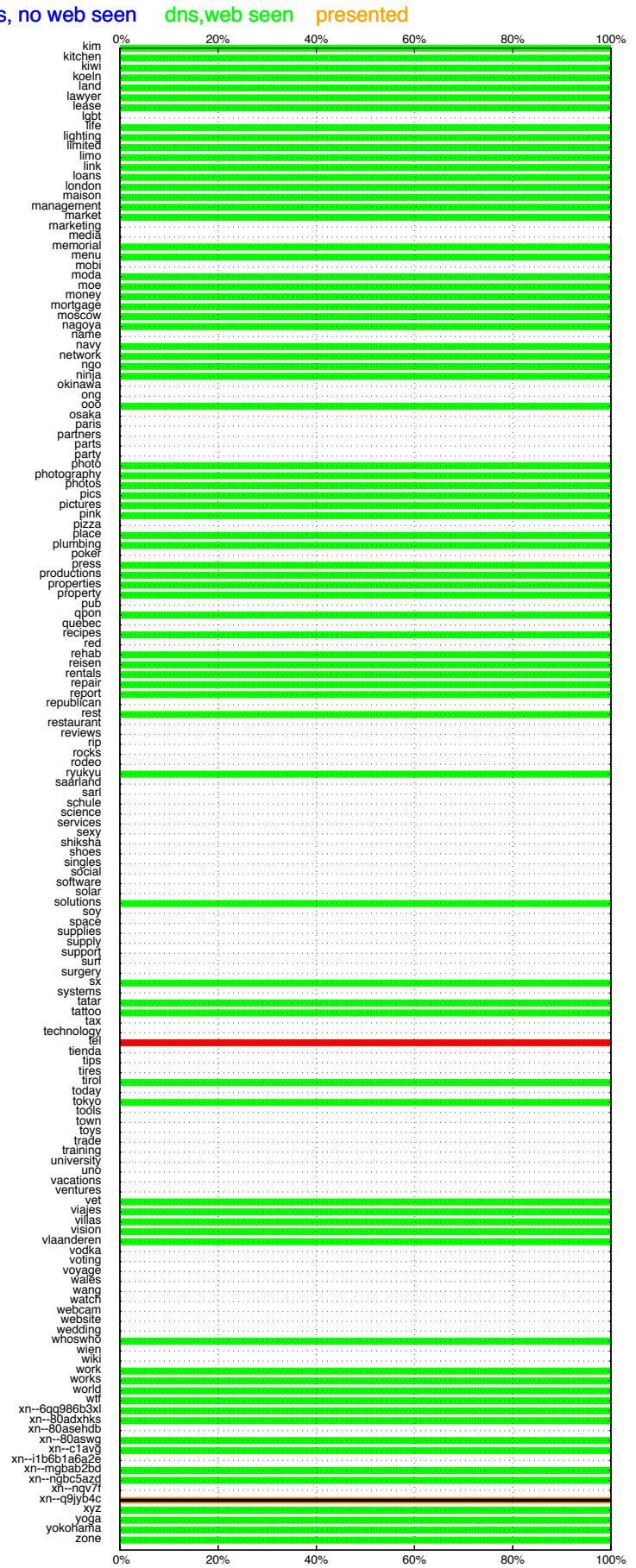
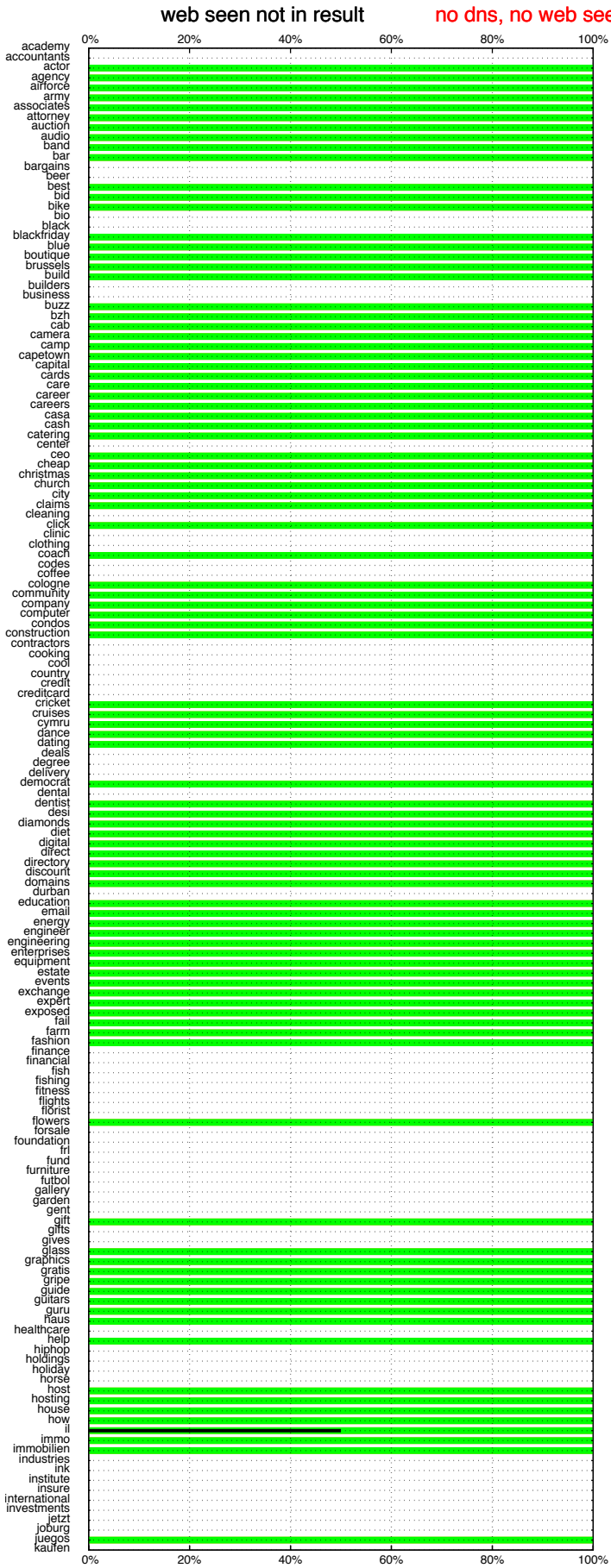
CH - Switzerland - Samplecount: 77834



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CH - Switzerland - Samplecount: 77834

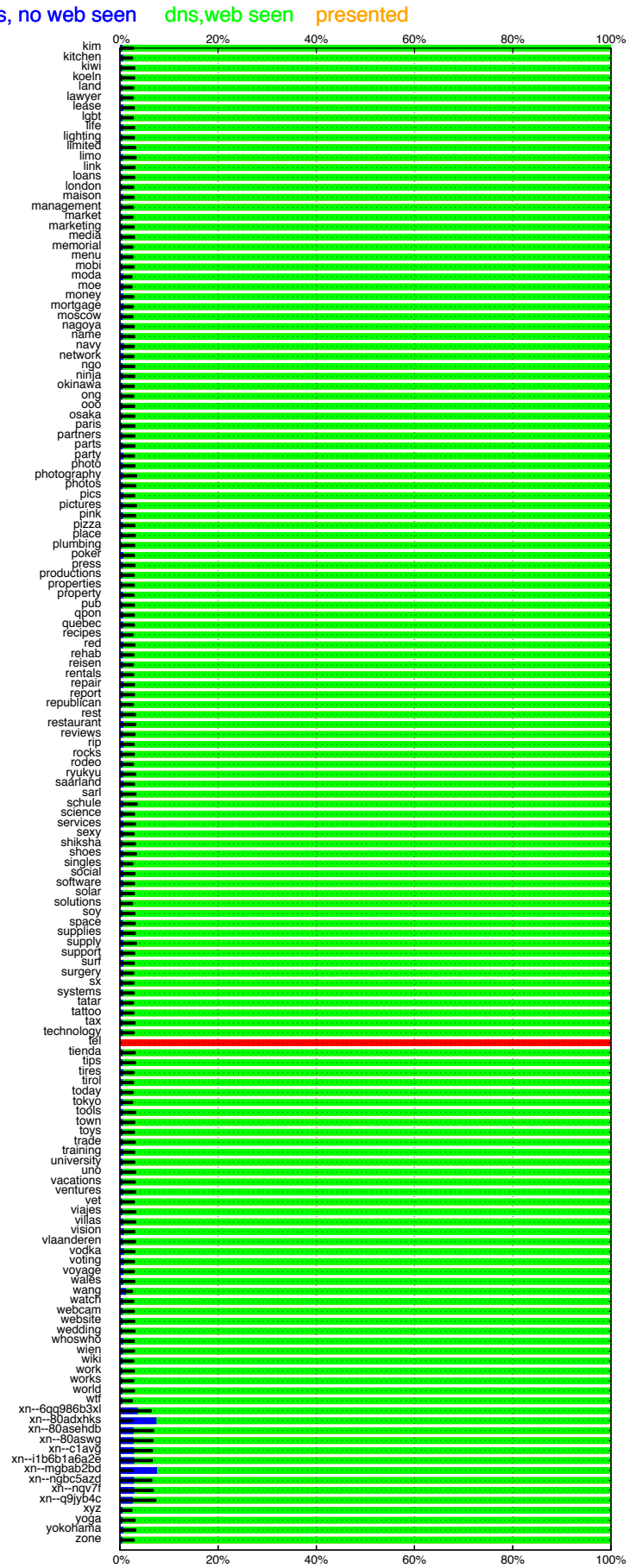
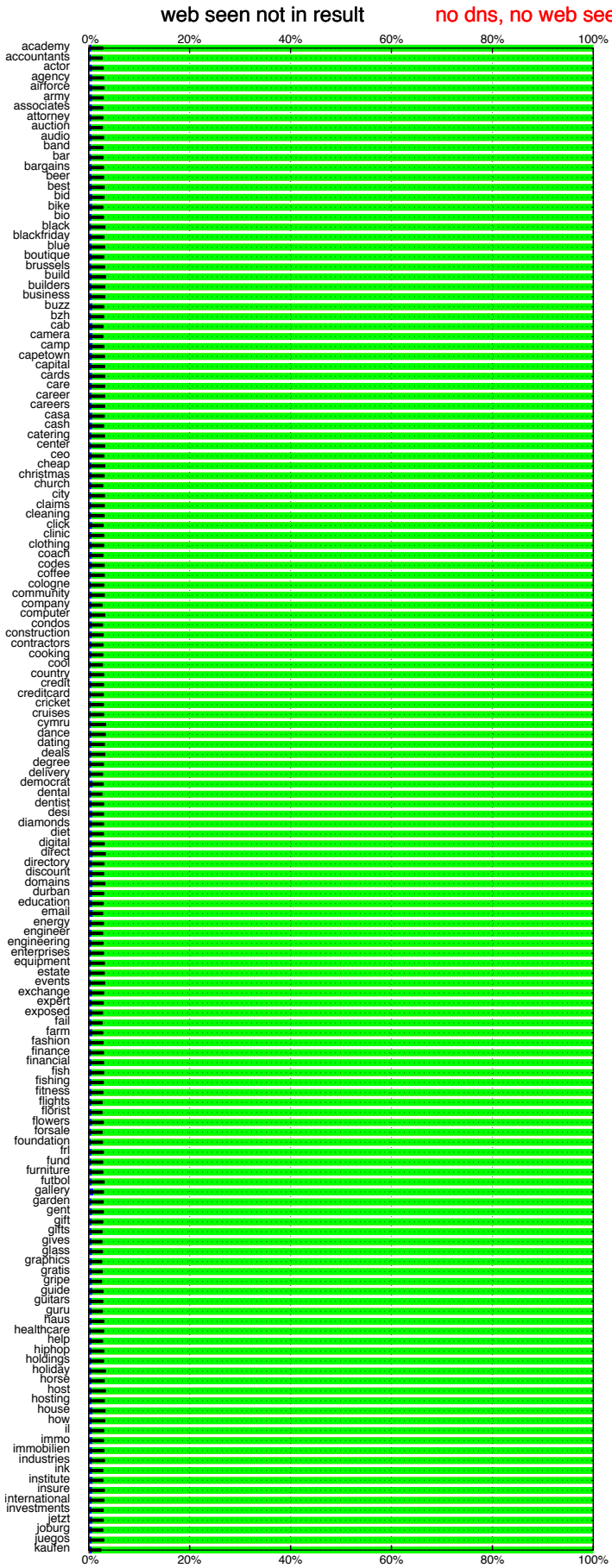
CK - Cook Islands - Samplecount: 268



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CK - Cook Islands - Samplecount: 268

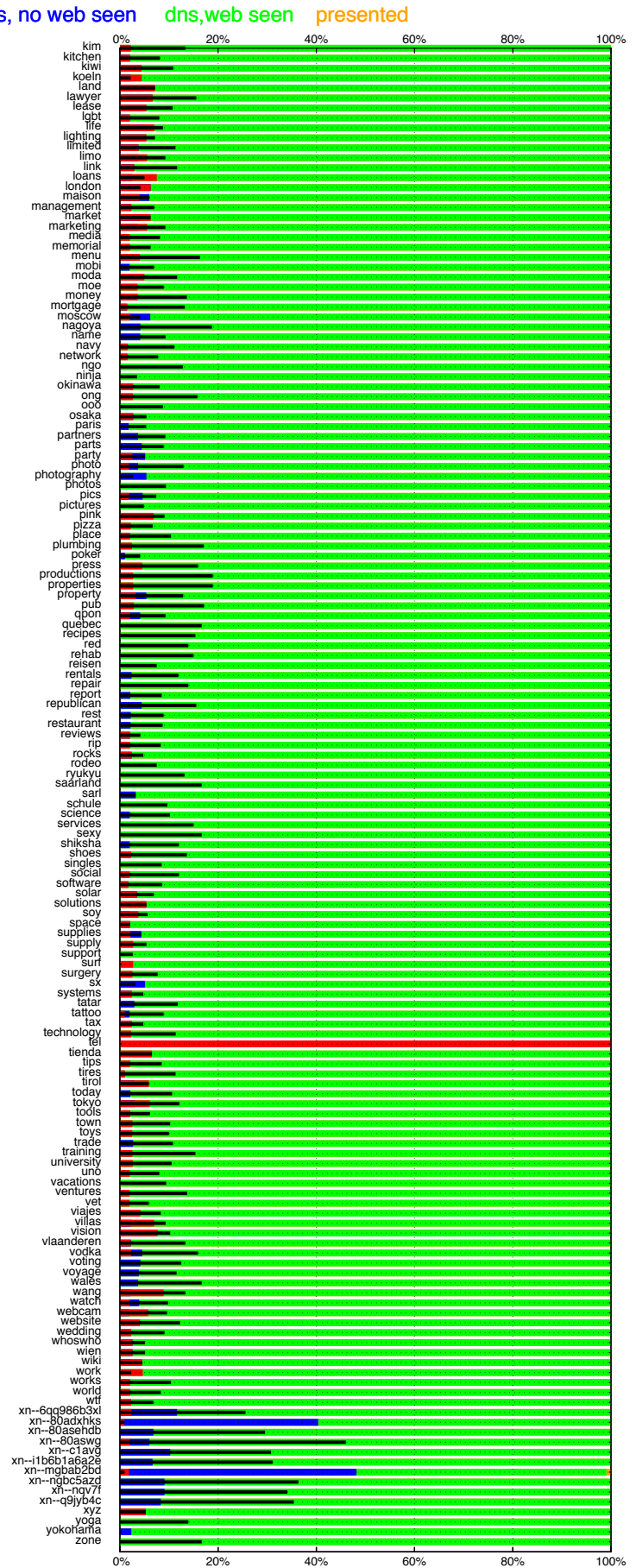
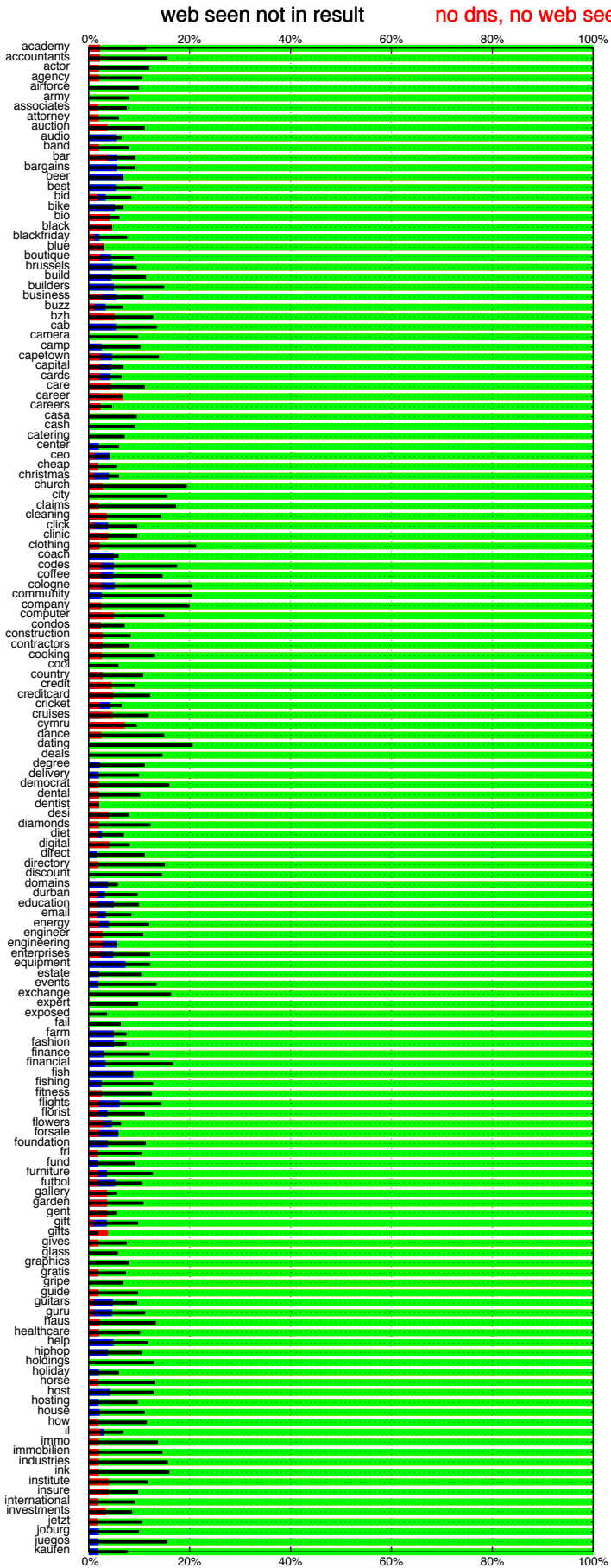
CL - Chile - Samplecount: 2338838



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

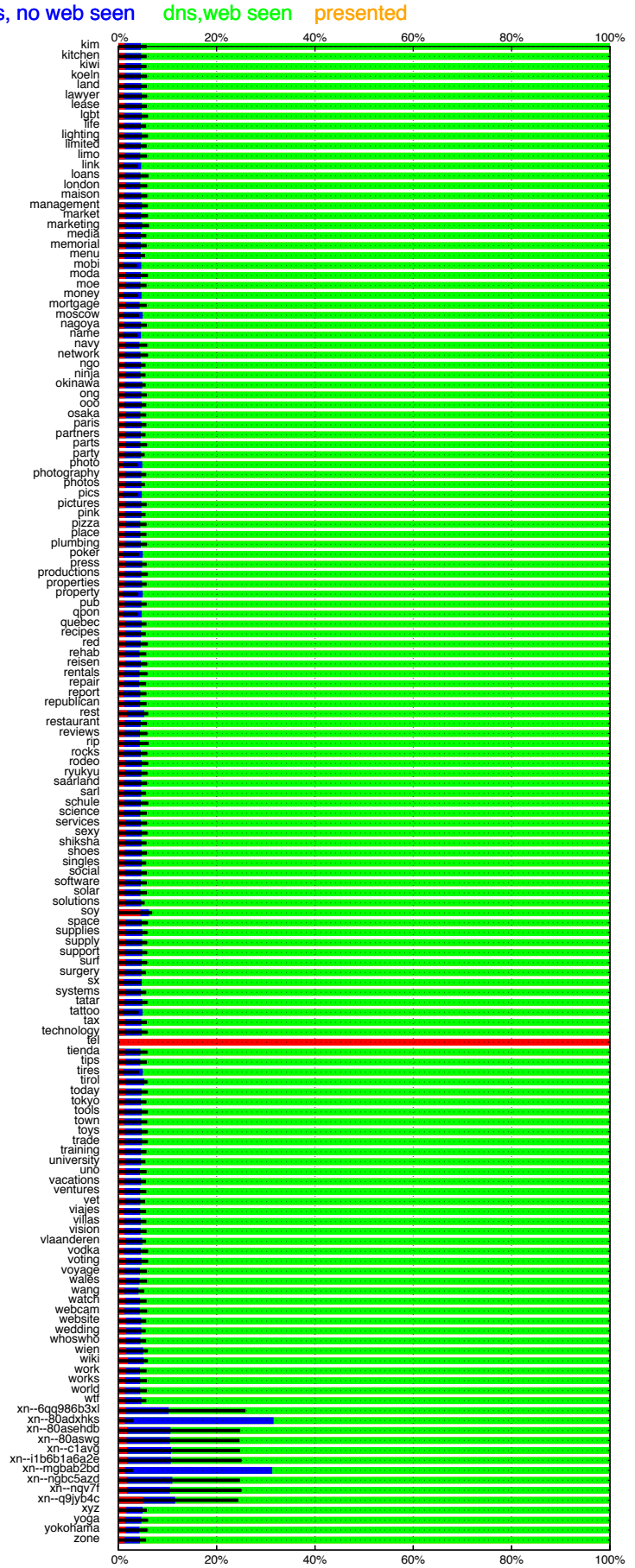
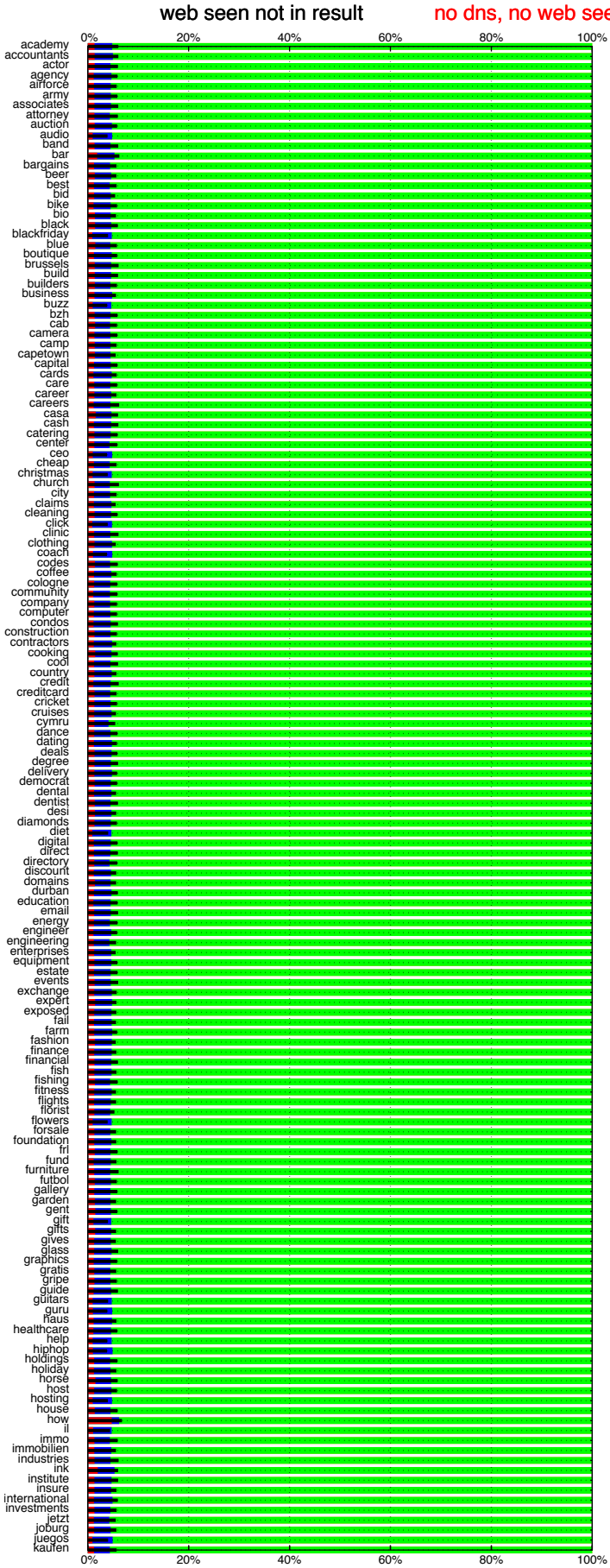
CL - Chile - Samplecount: 2338838

CM - Cameroon - Samplecount: 14345



CM - Cameroon - Samplecount: 14345

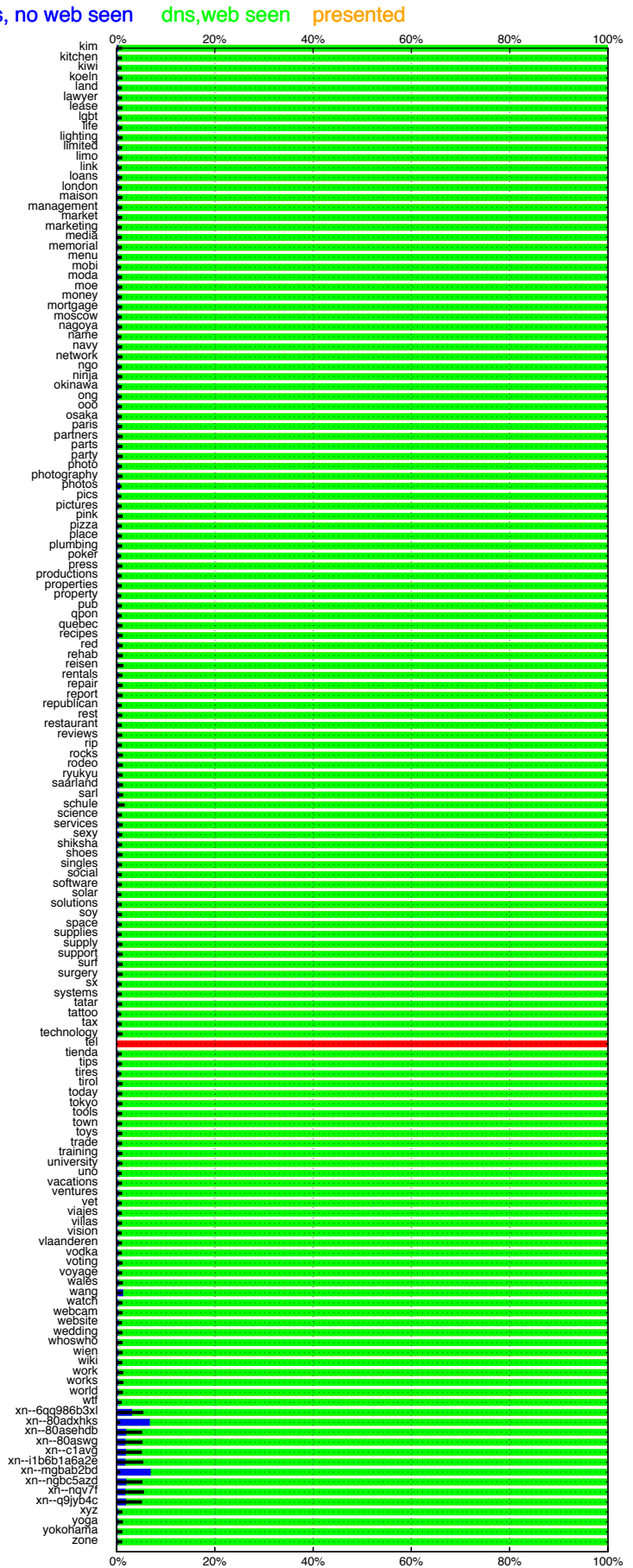
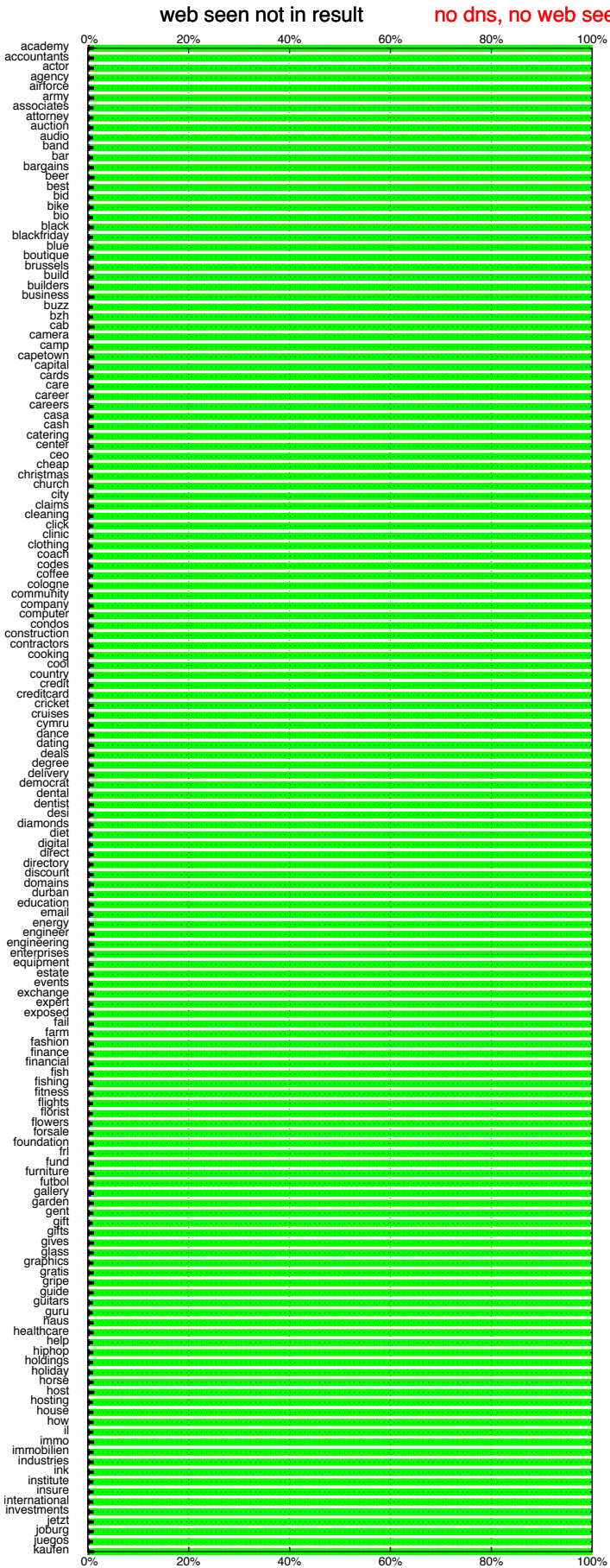
CN - China - Samplecount: 6543700



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CN - China - Samplecount: 6543700

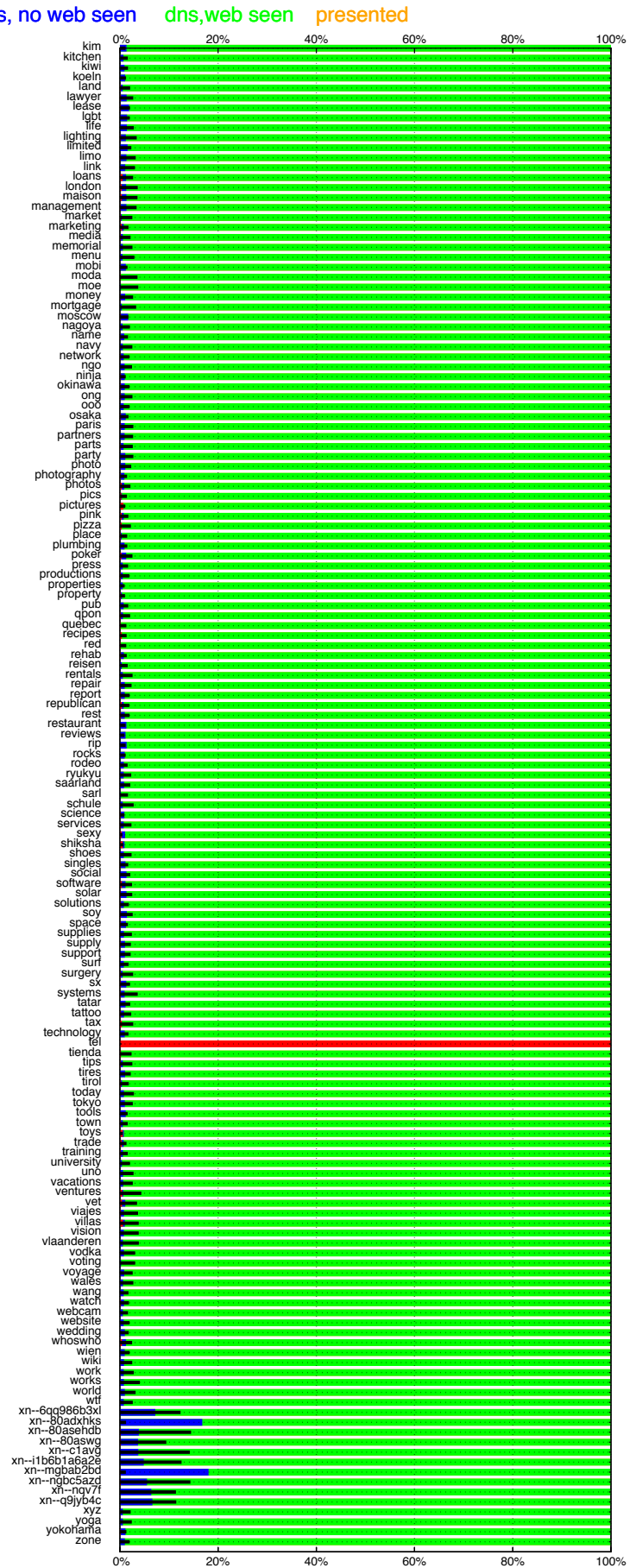
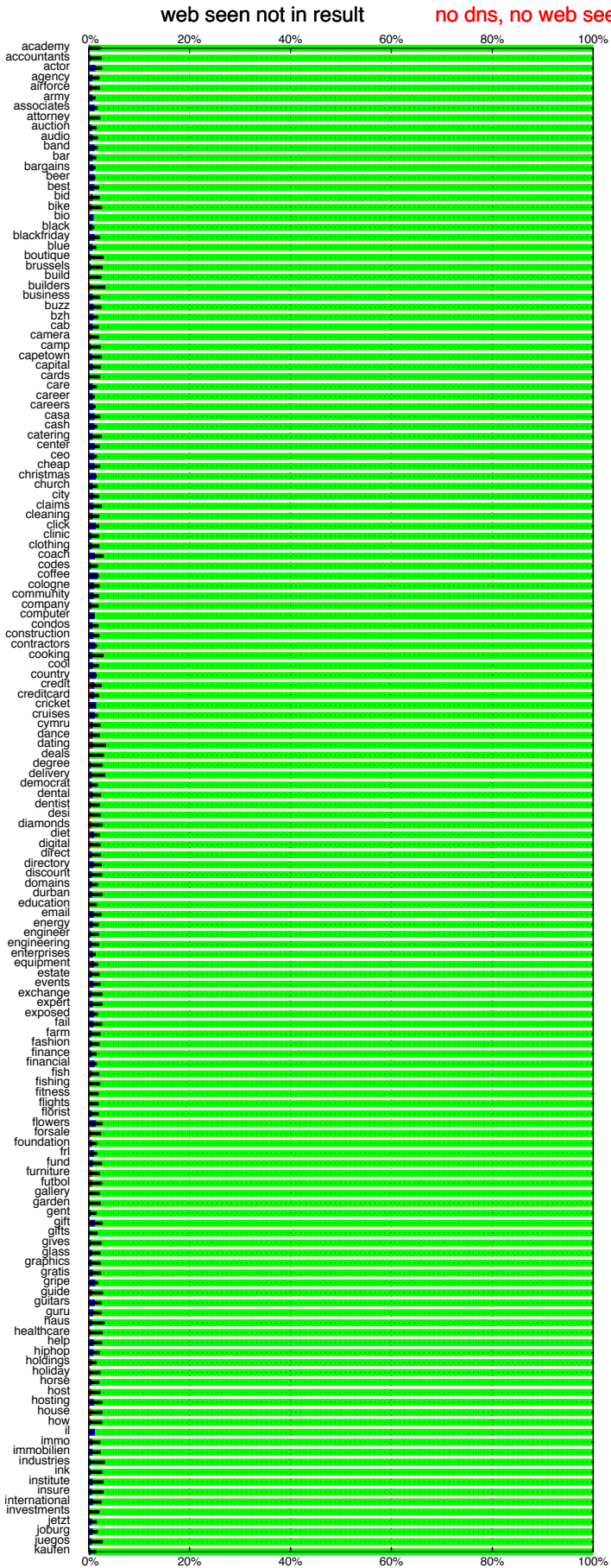
CO - Colombia - Samplecount: 5012919



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CO - Colombia - Samplecount: 5012919

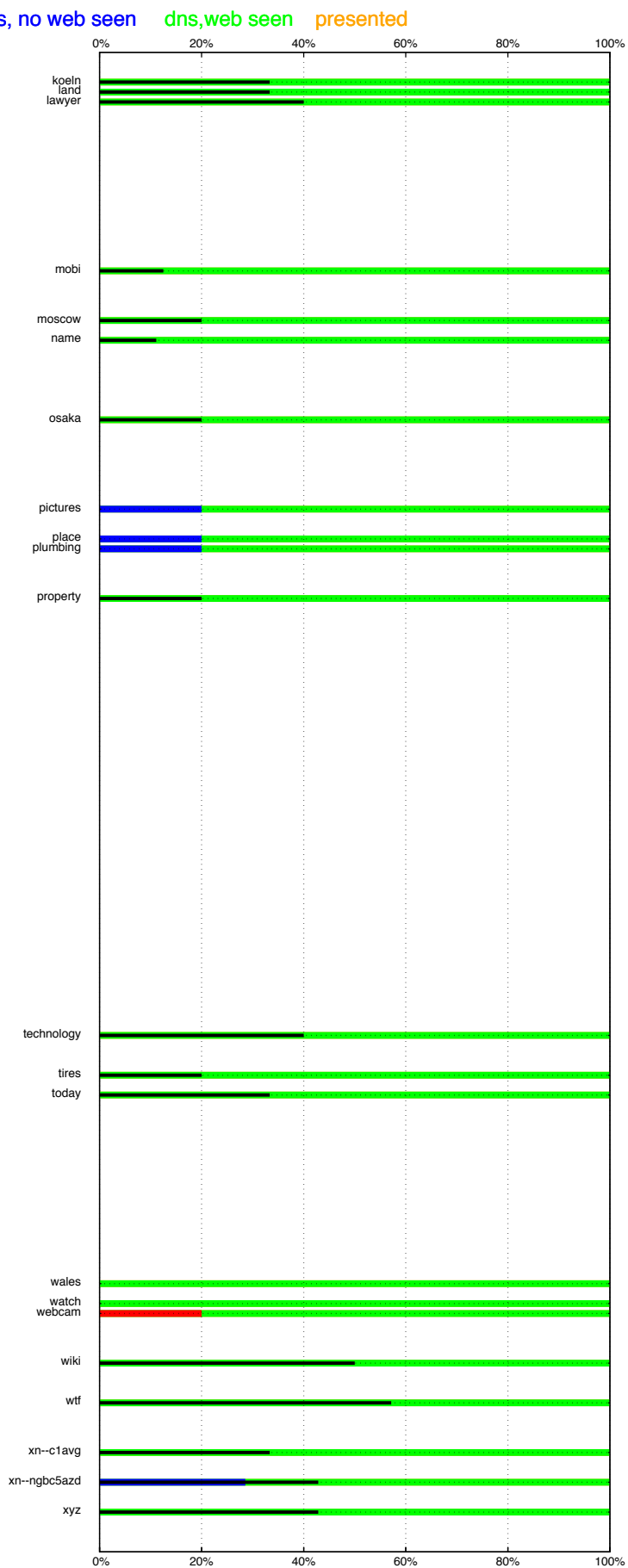
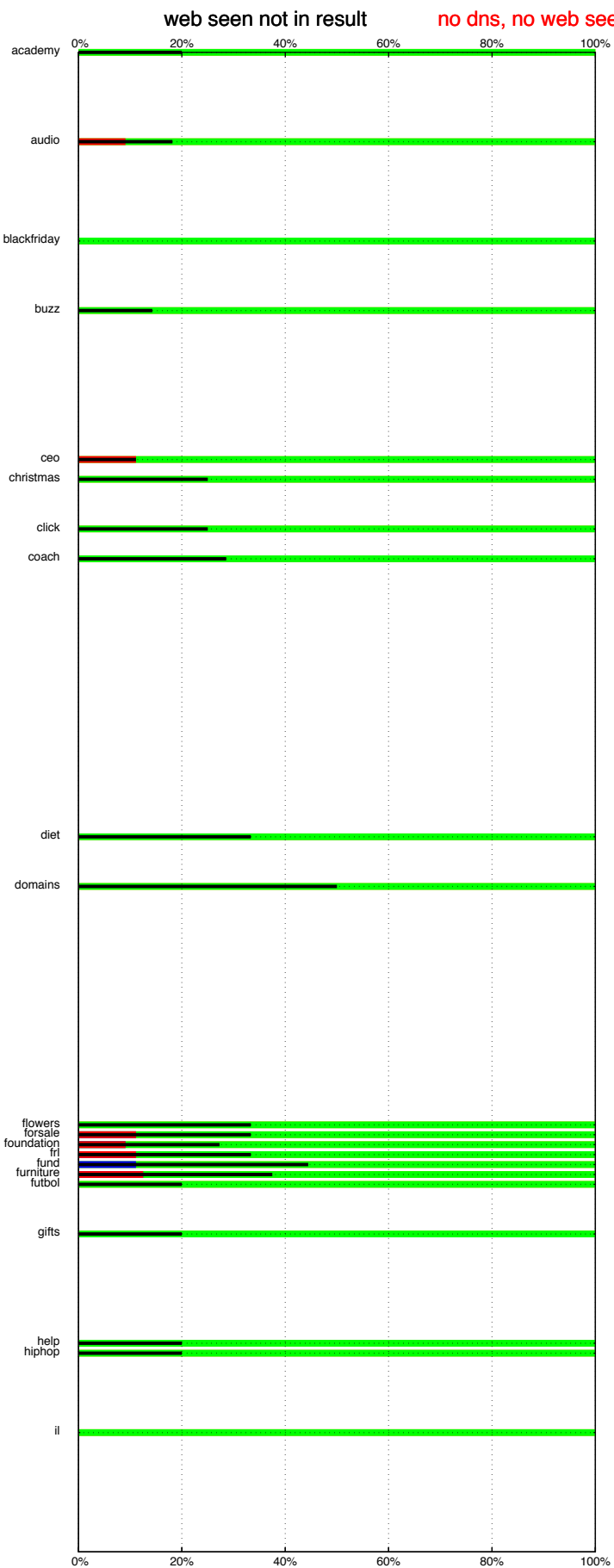
CR - Costa Rica - Samplecount: 165334



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CR - Costa Rica - Samplecount: 165334

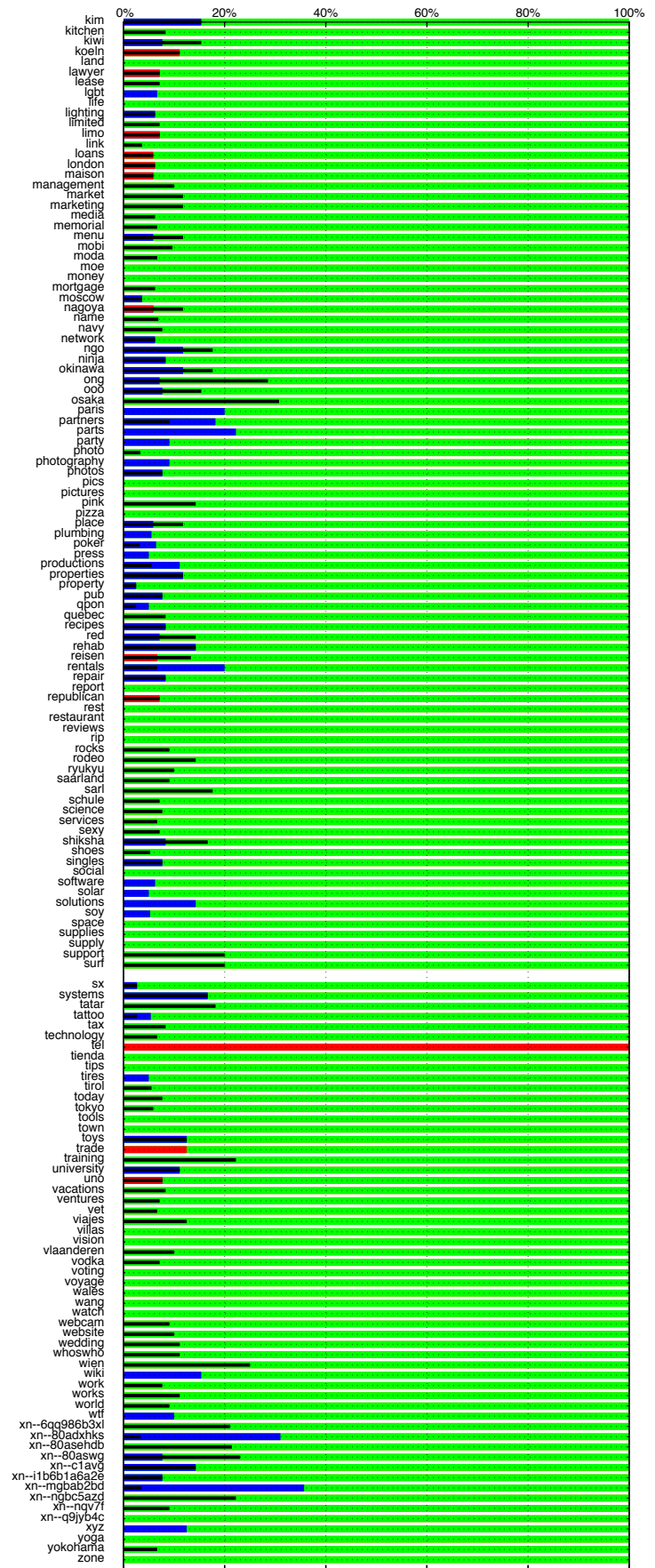
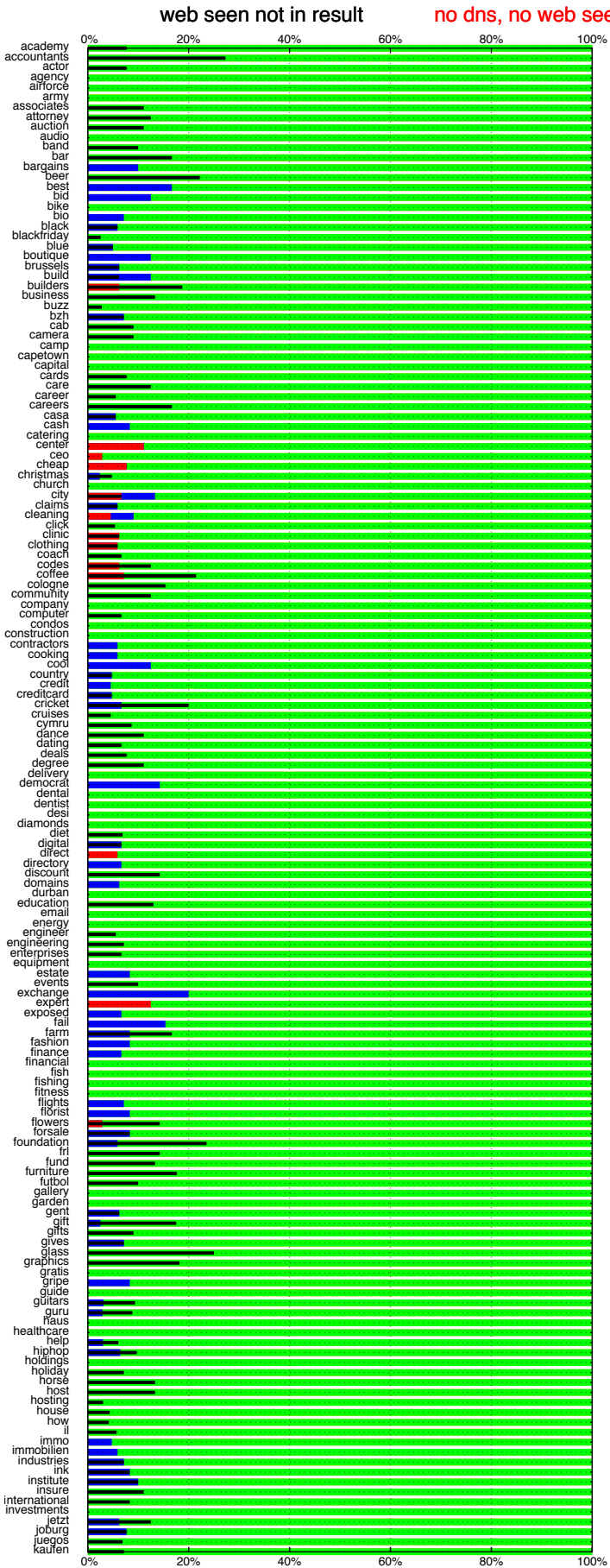
CU - Cuba - Samplecount: 689



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CU - Cuba - Samplecount: 689

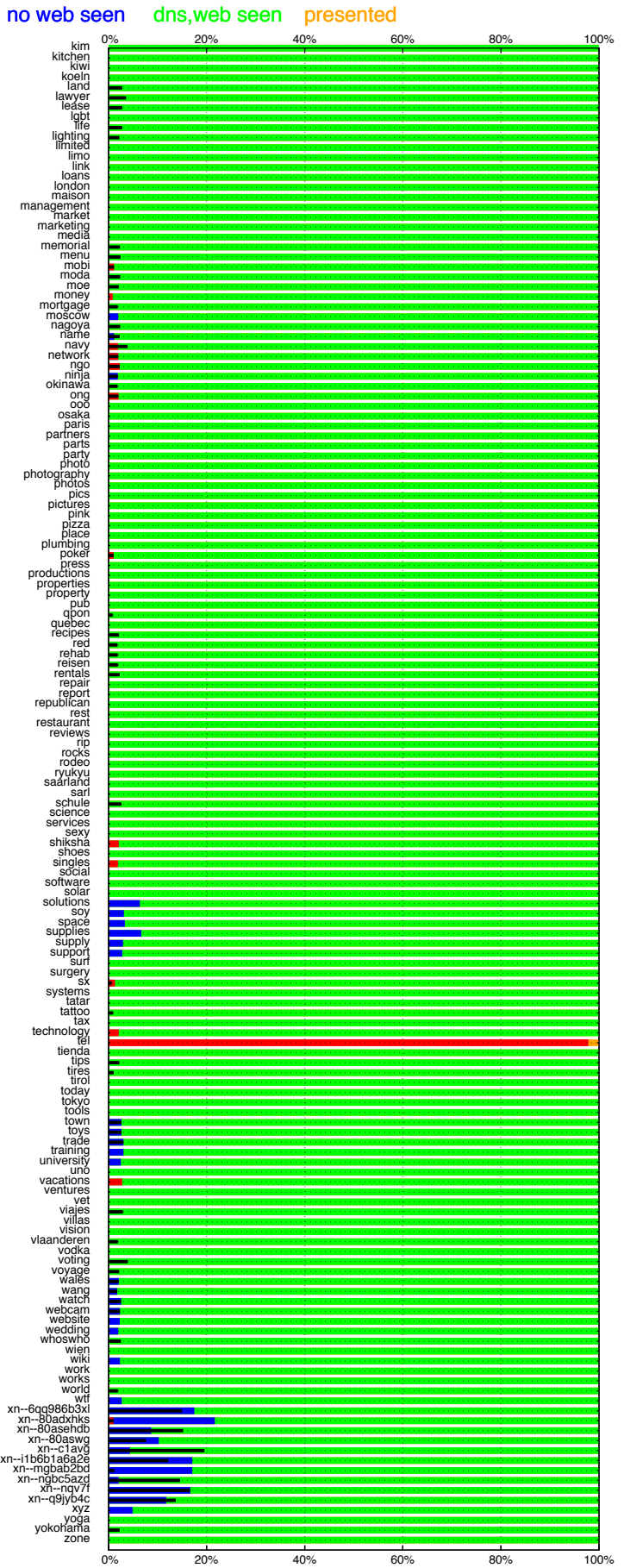
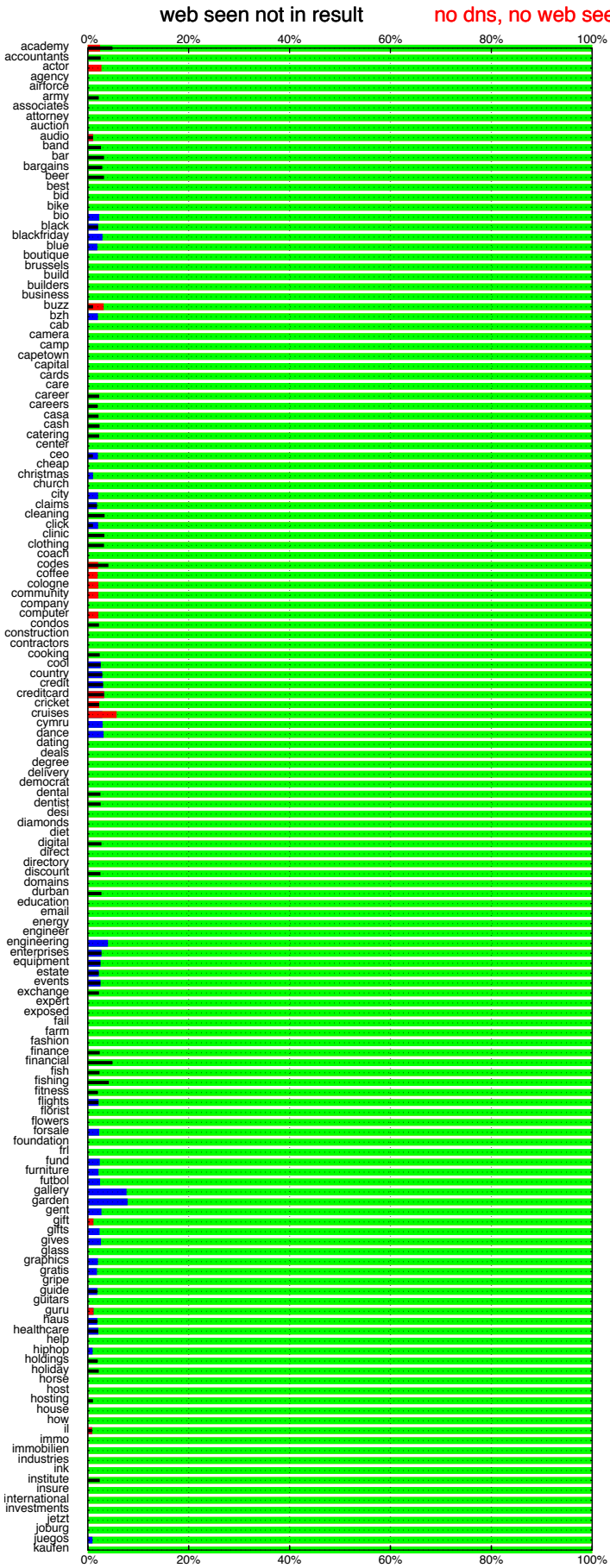
CV - Cape Verde - Samplecount: 4472



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

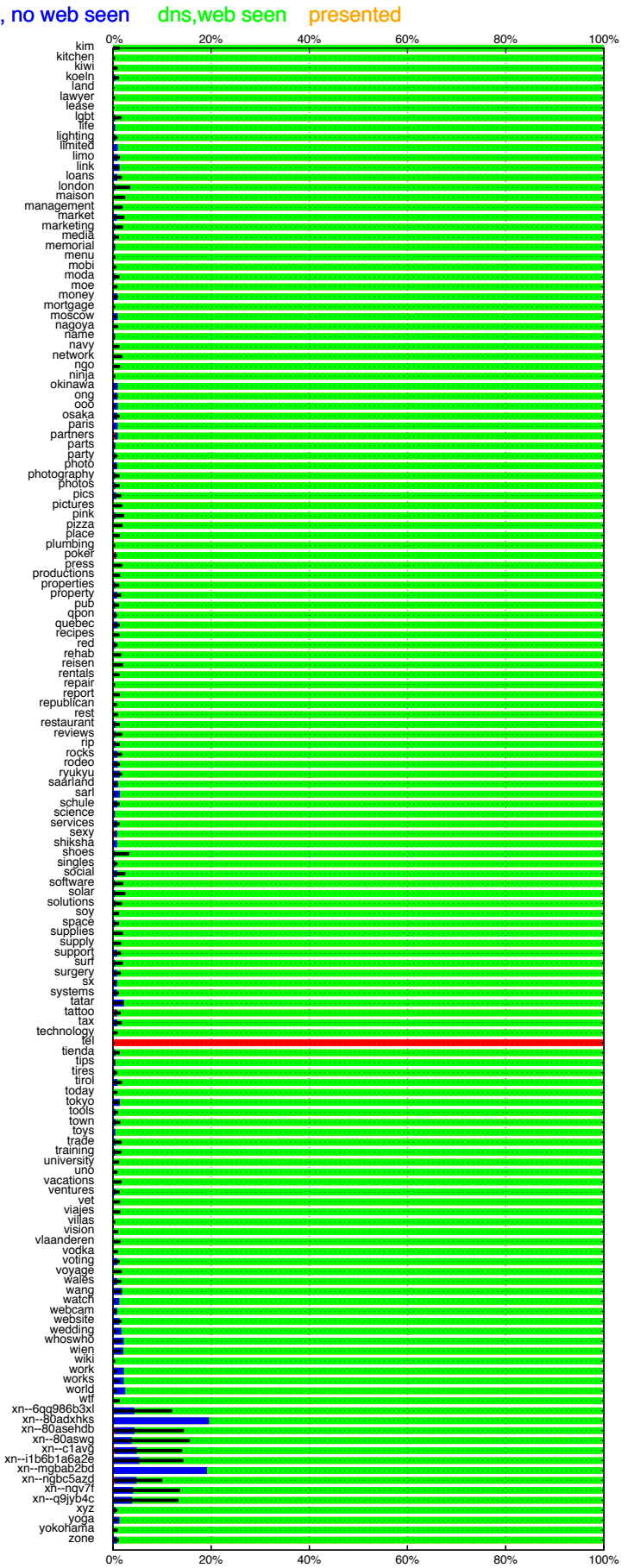
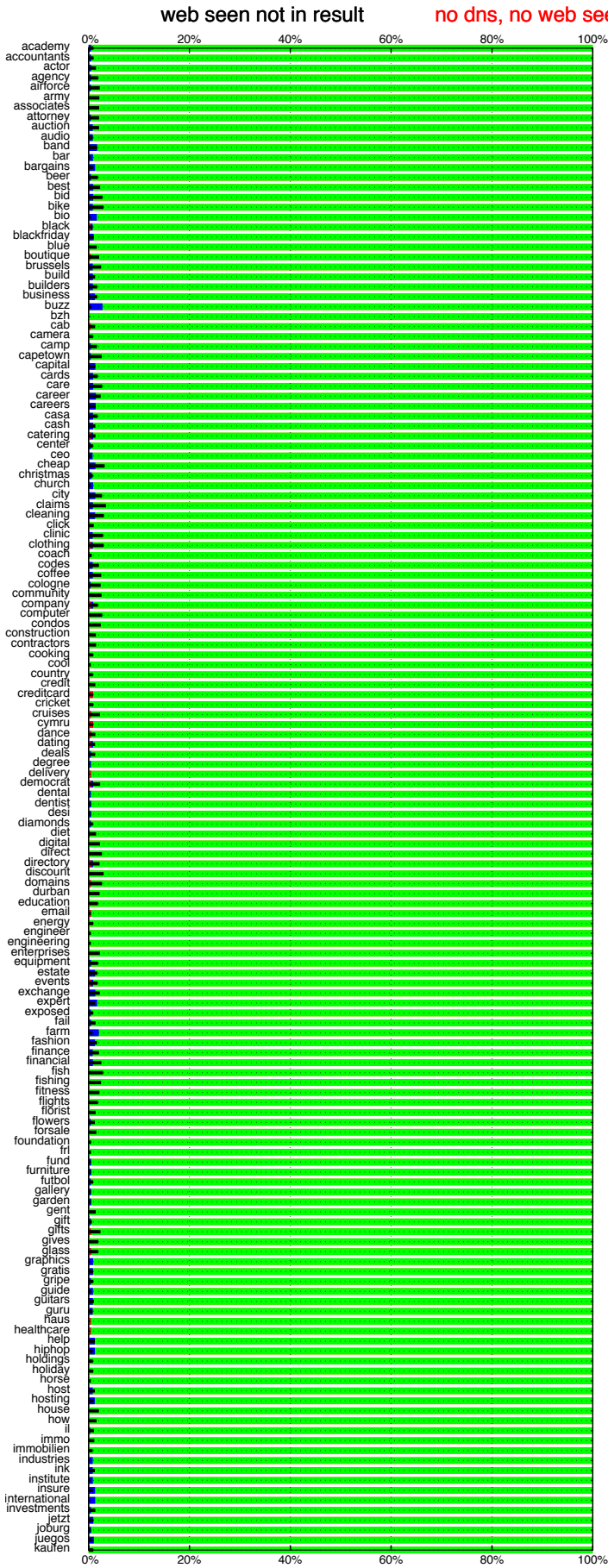
CV - Cape Verde - Samplecount: 4472

CW - Curacao - Samplecount: 14523



CW - Curacao - Samplecount: 14523

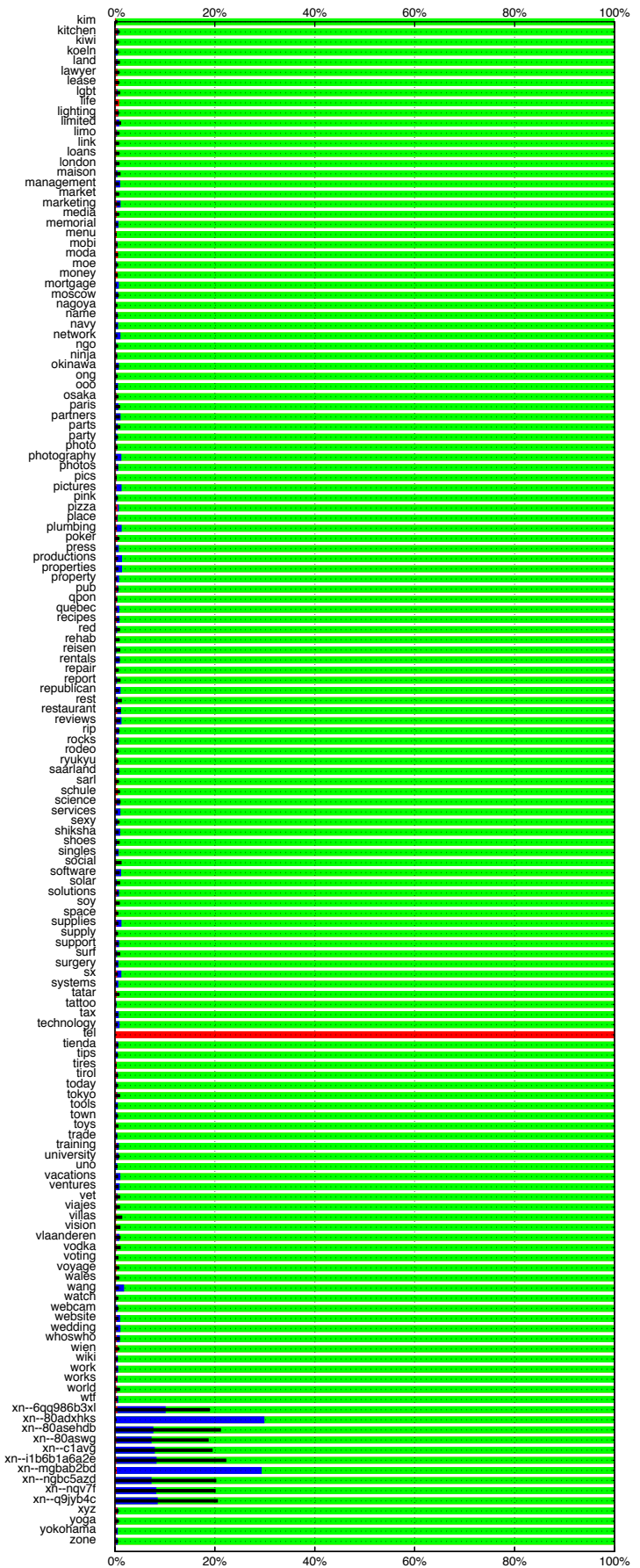
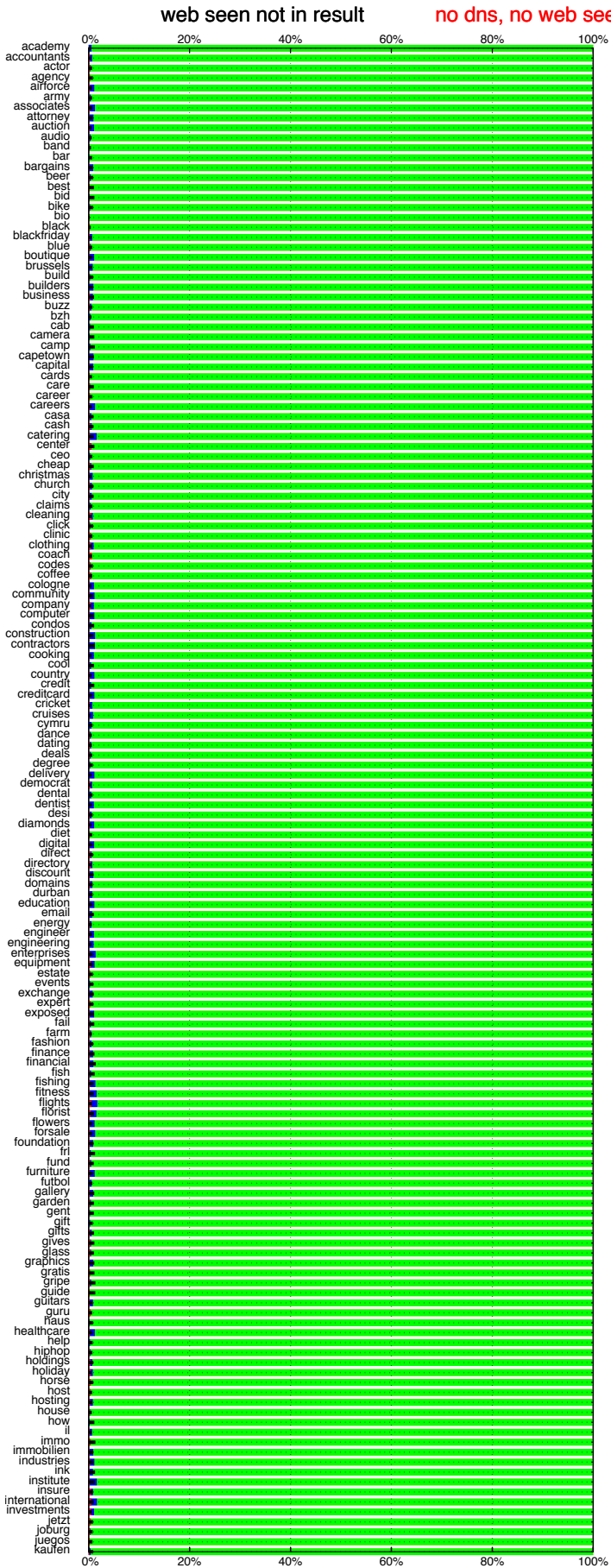
CY - Cyprus - Samplecount: 76143



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CY - Cyprus - Samplecount: 76143

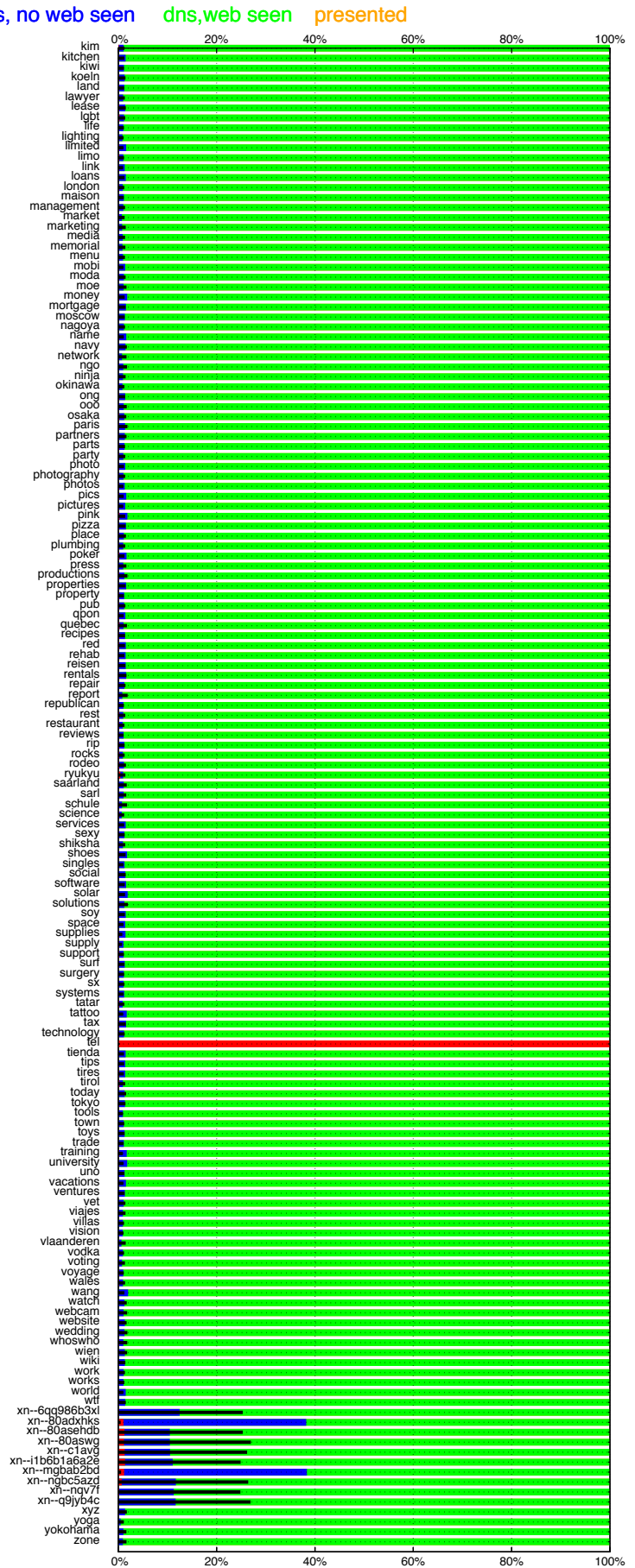
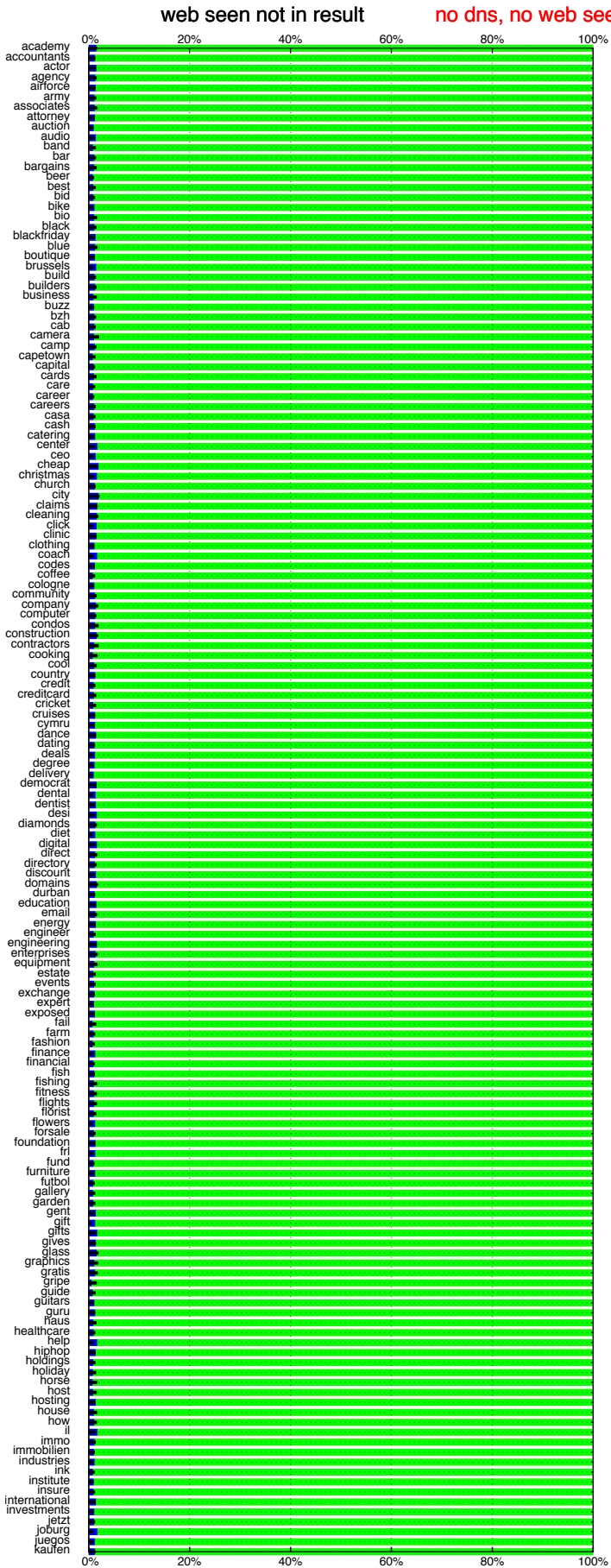
CZ - Czech Republic - Samplecount: 485850



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

CZ - Czech Republic - Samplecount: 485850

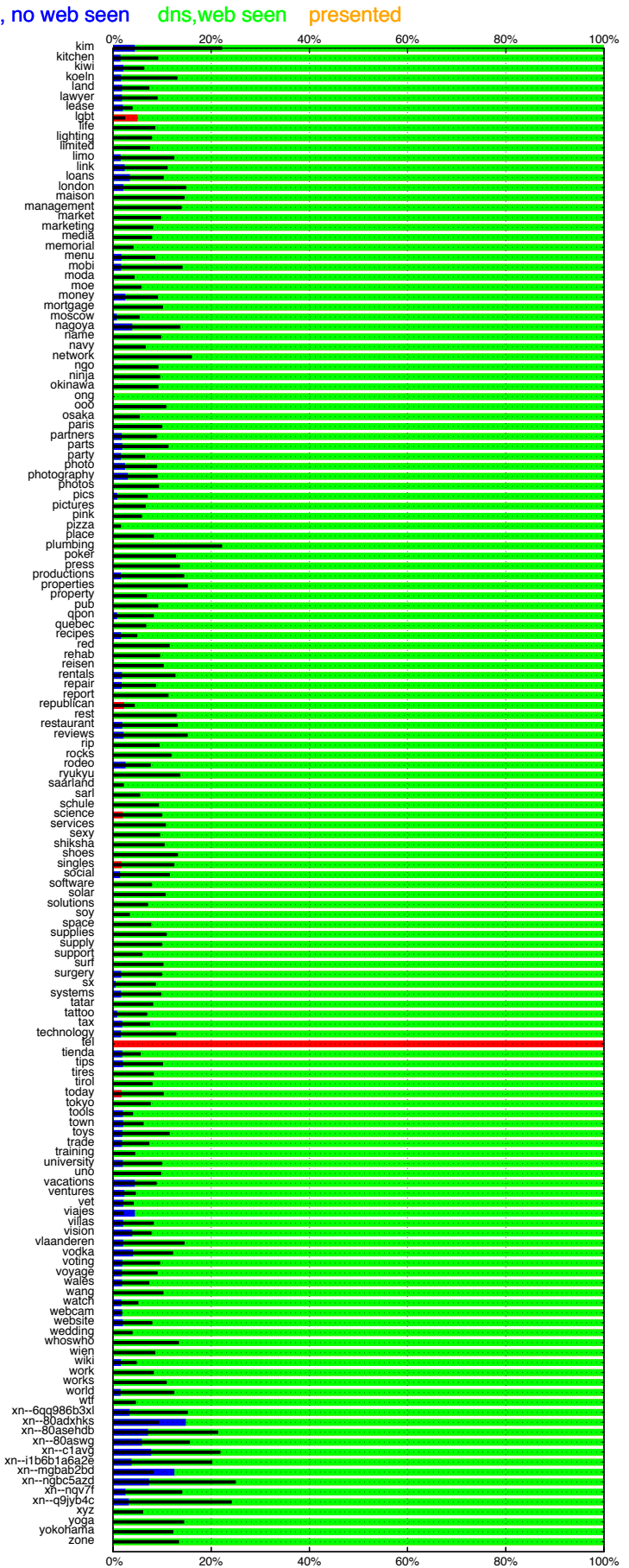
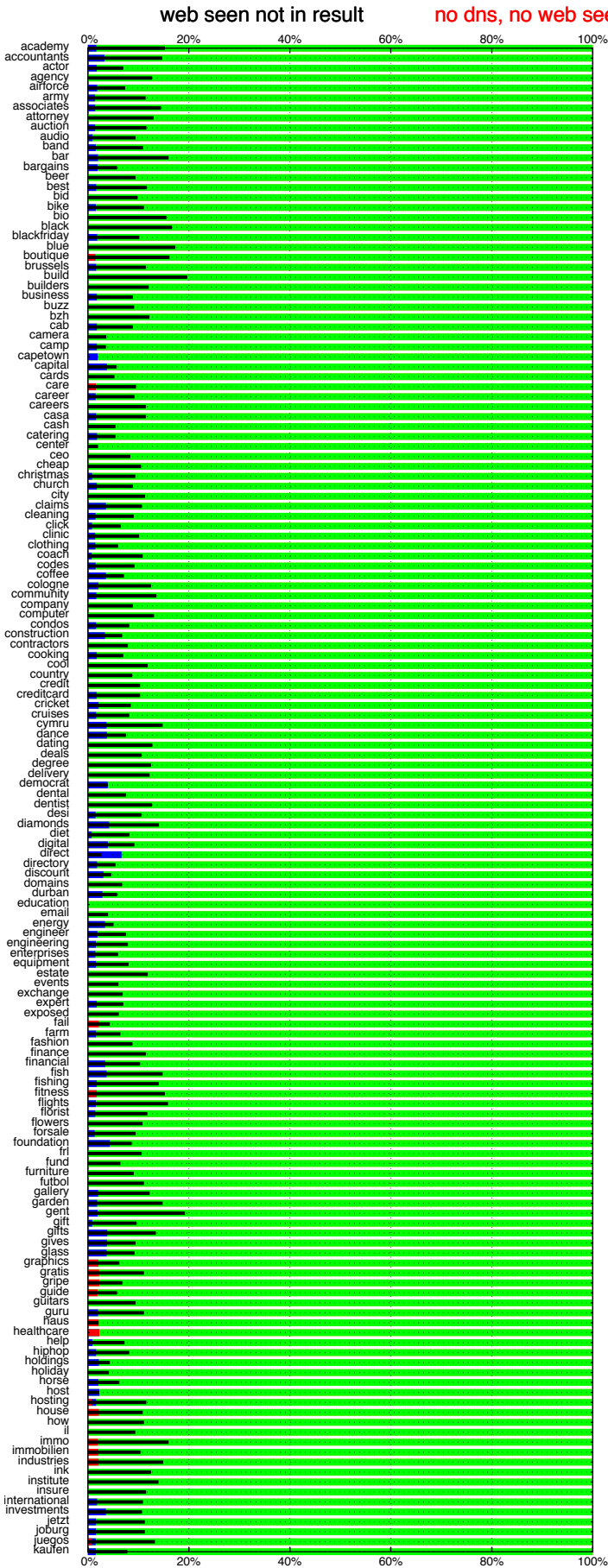
DE - Germany - Samplecount: 566355



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

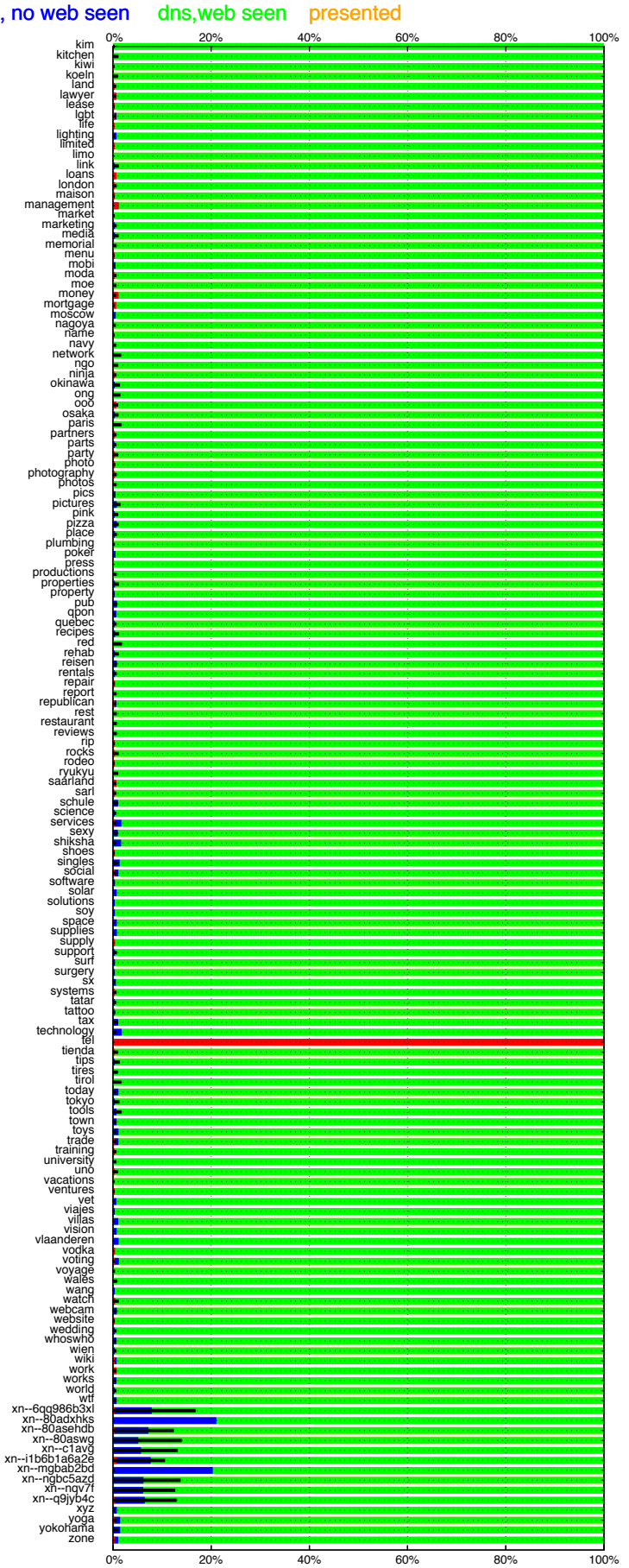
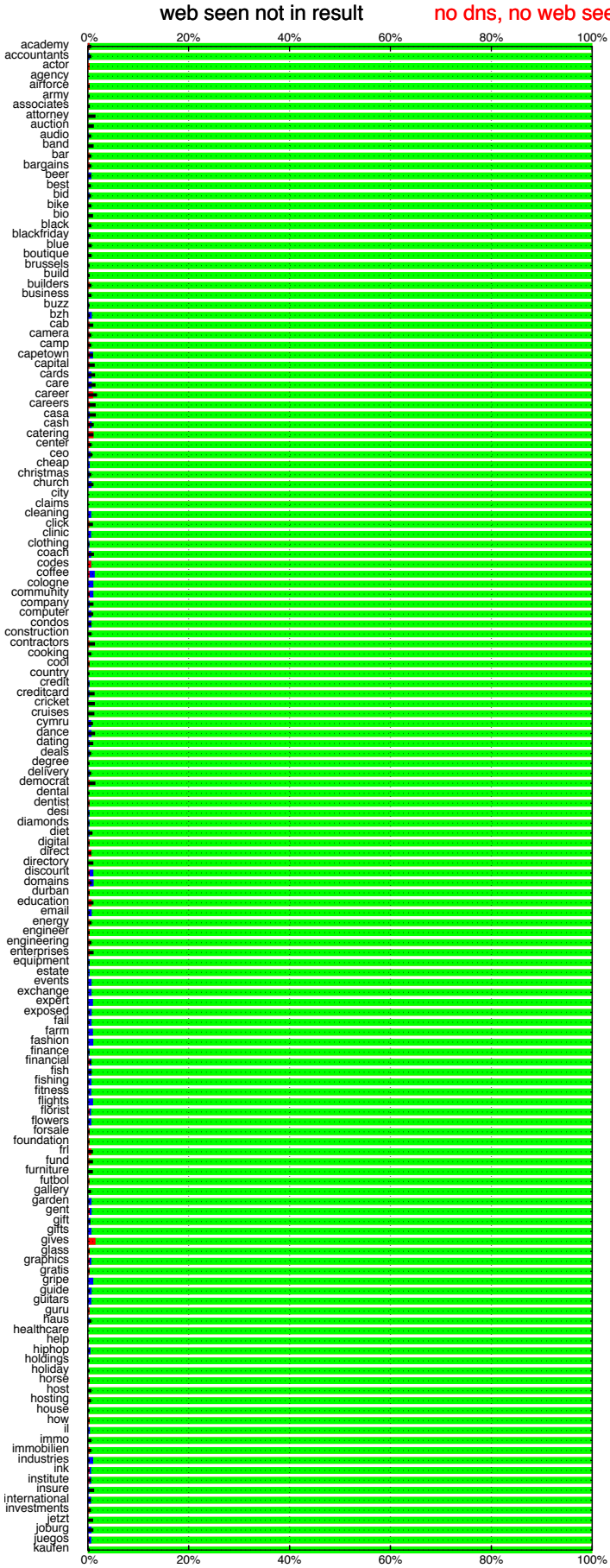
DE - Germany - Samplecount: 566355

DJ - Djibouti - Samplecount: 17495



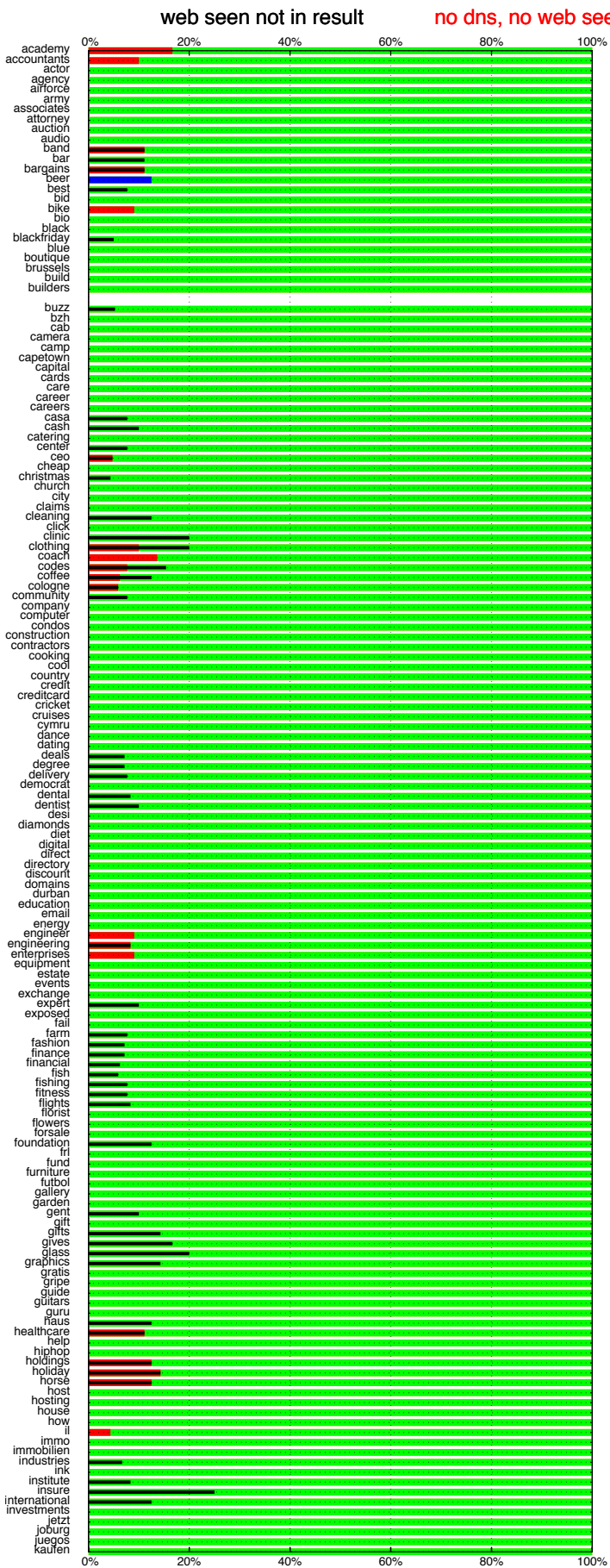
DJ - Djibouti - Samplecount: 17495

DK - Denmark - Samplecount: 93012

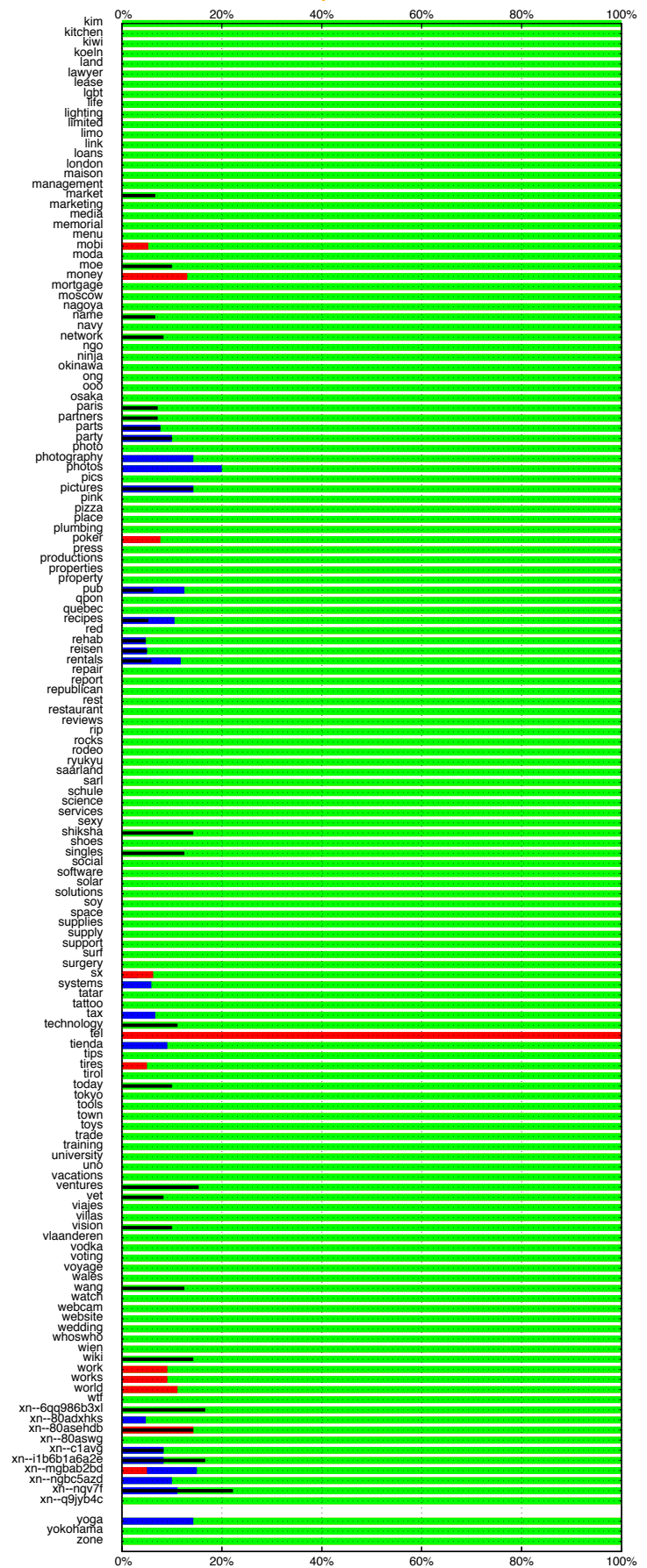


DK - Denmark - Samplecount: 93012

DM - Dominica - Samplecount: 3421

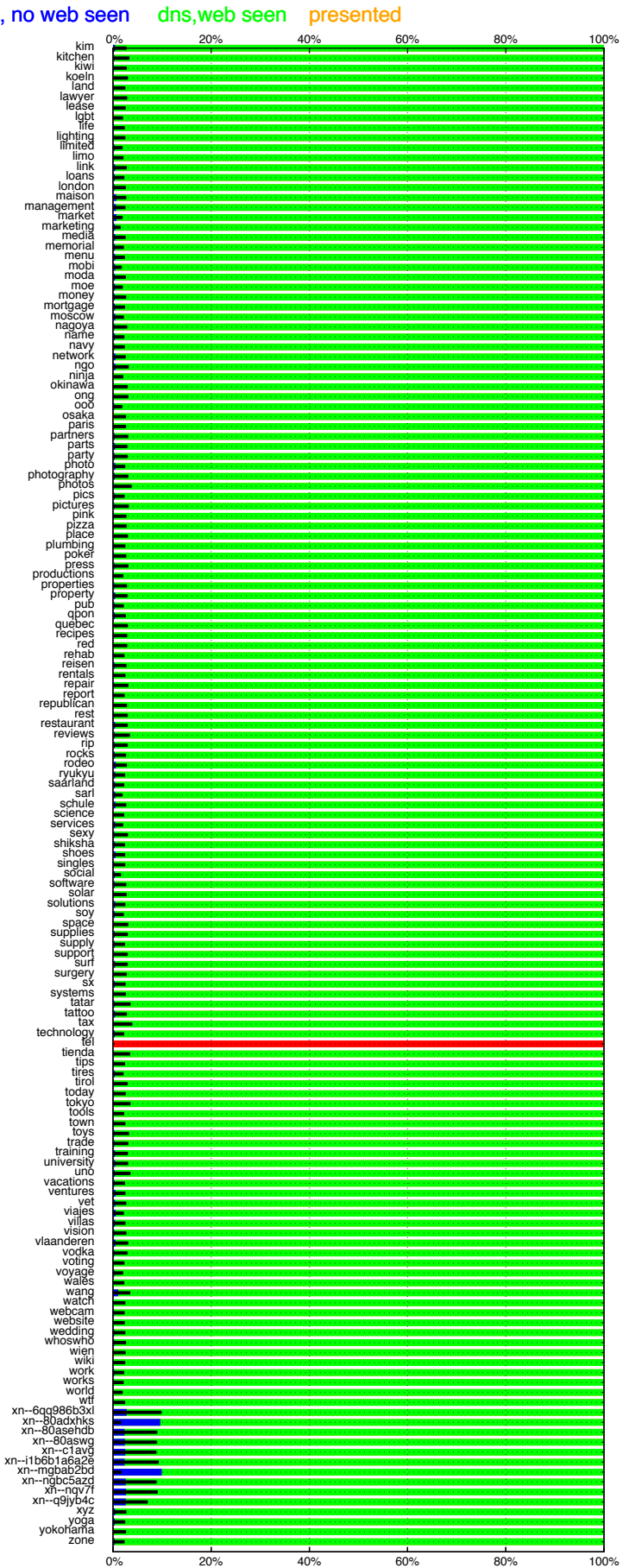
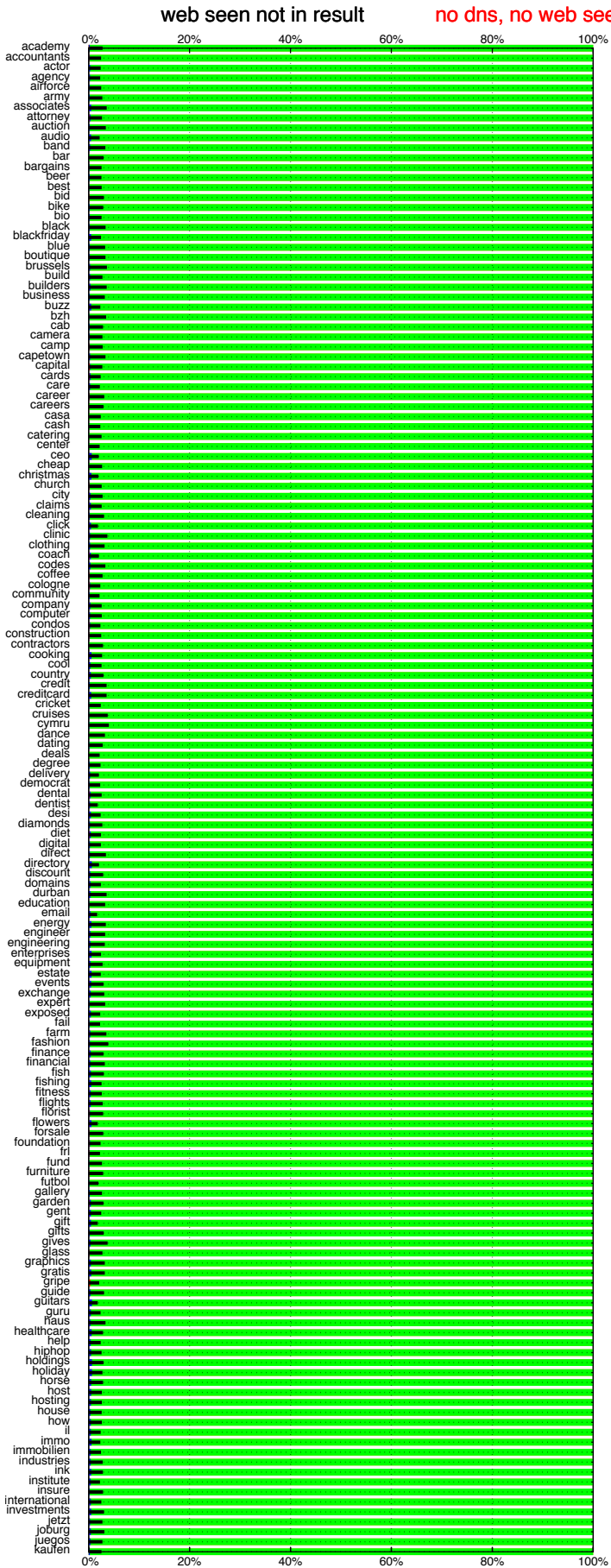


DM - Dominica - Samplecount: 3421



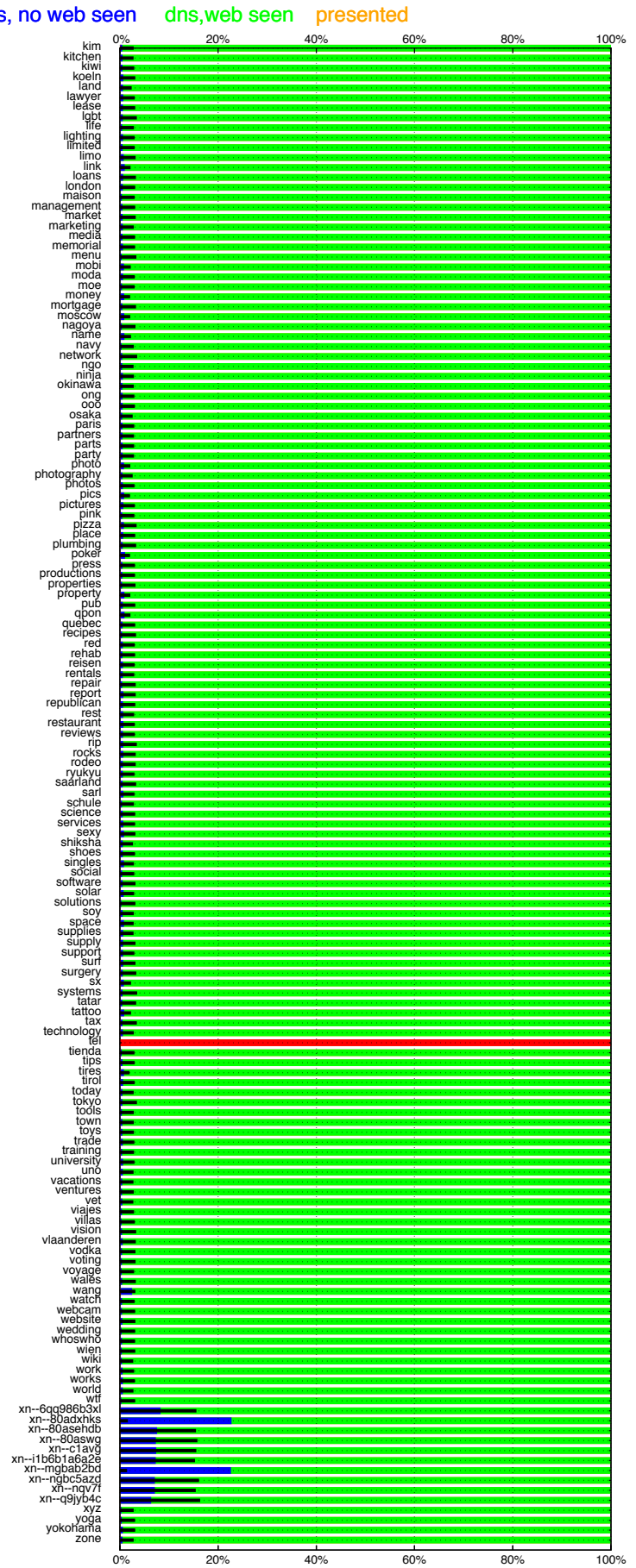
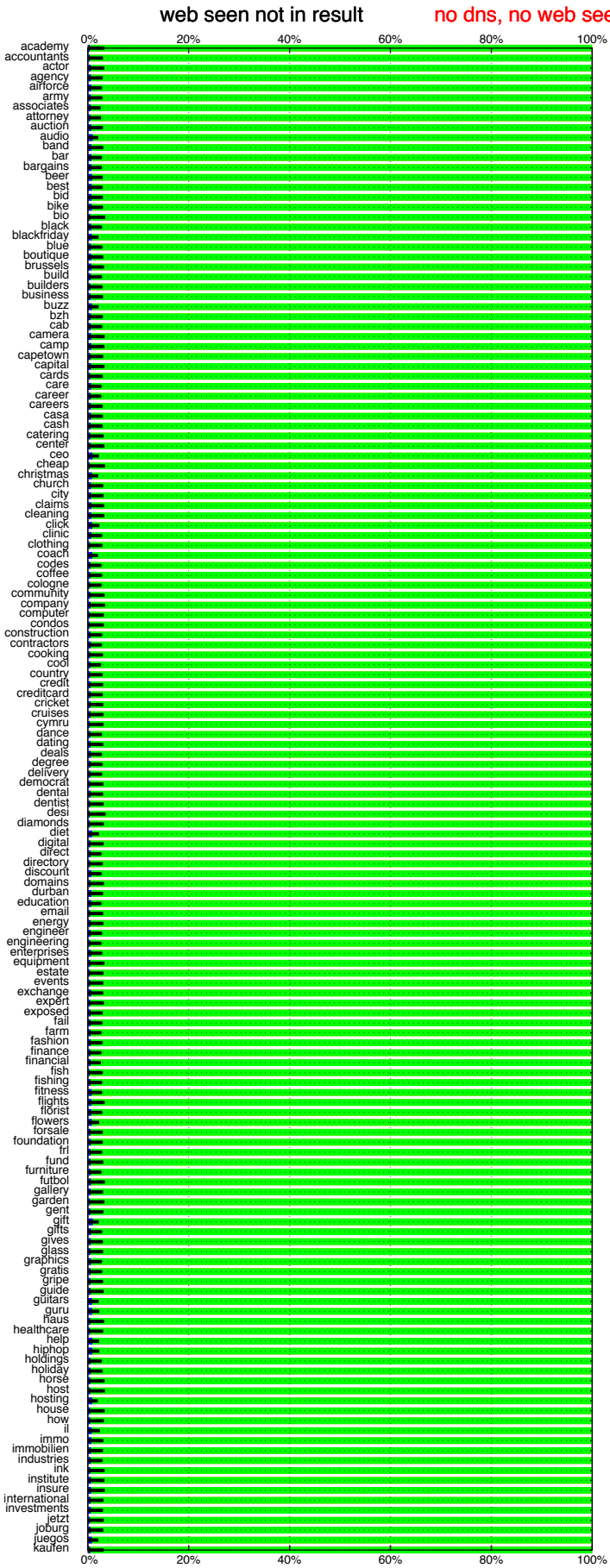
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

DO - Dominican Republic - Samplecount: 472888



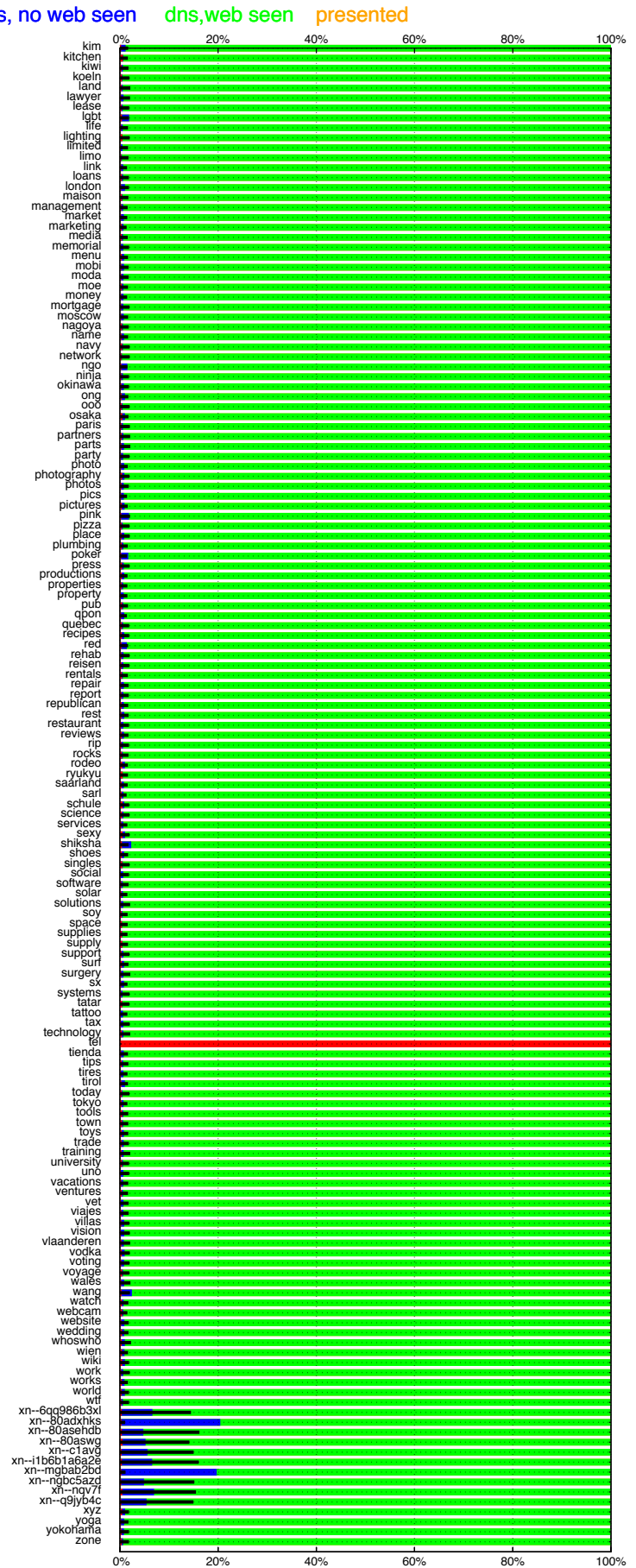
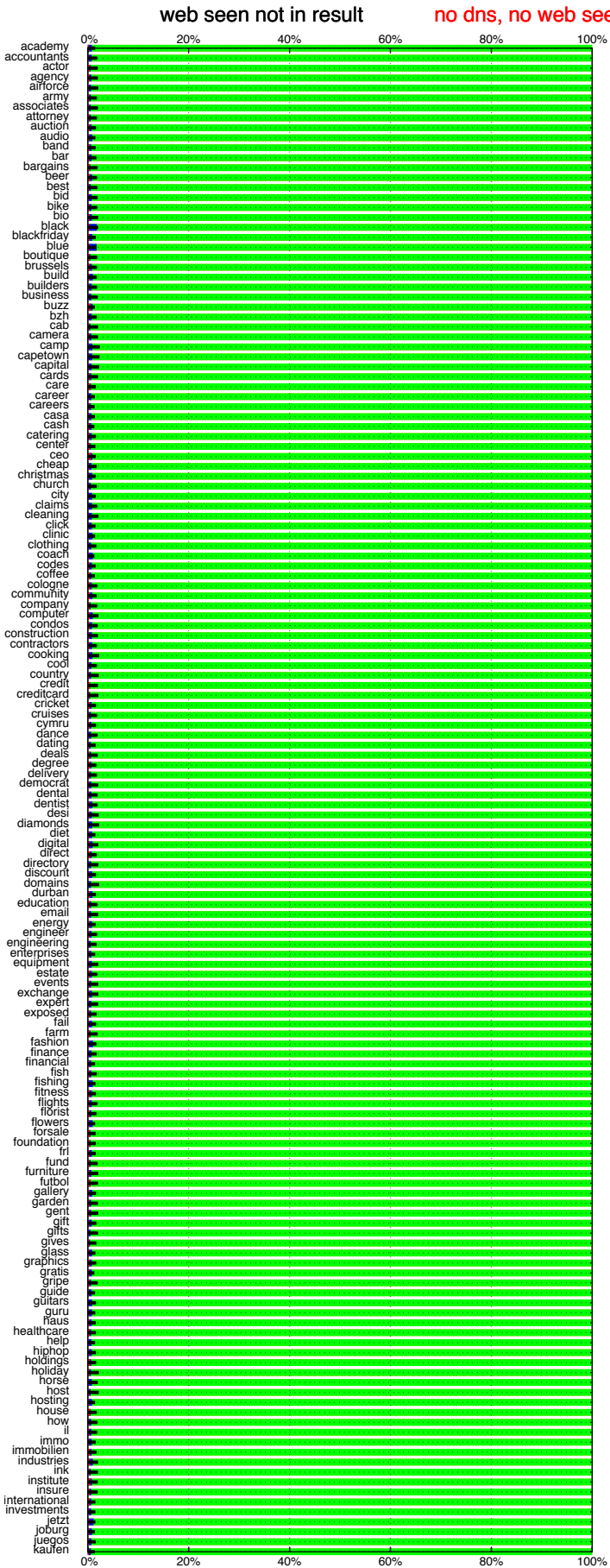
DO - Dominican Republic - Samplecount: 472888

DZ - Algeria - Samplecount: 1921448



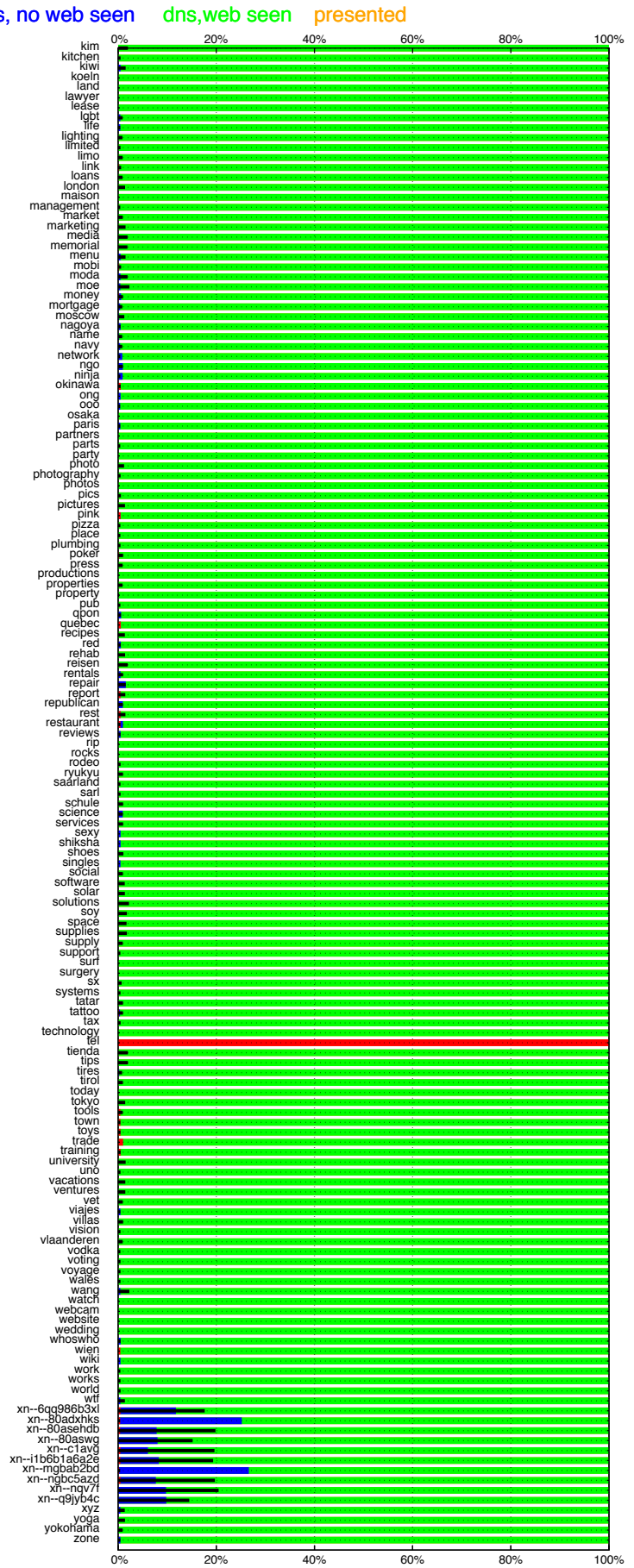
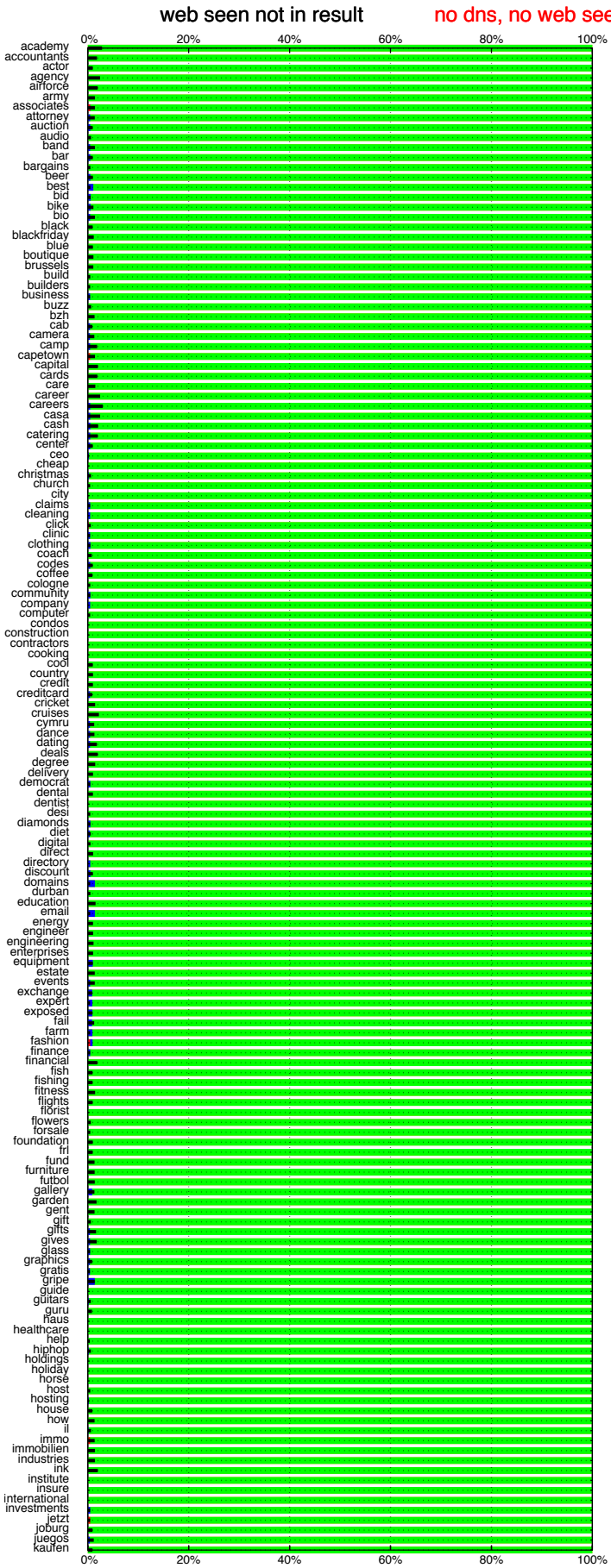
DZ - Algeria - Samplecount: 1921448

EC - Ecuador - Samplecount: 1293881



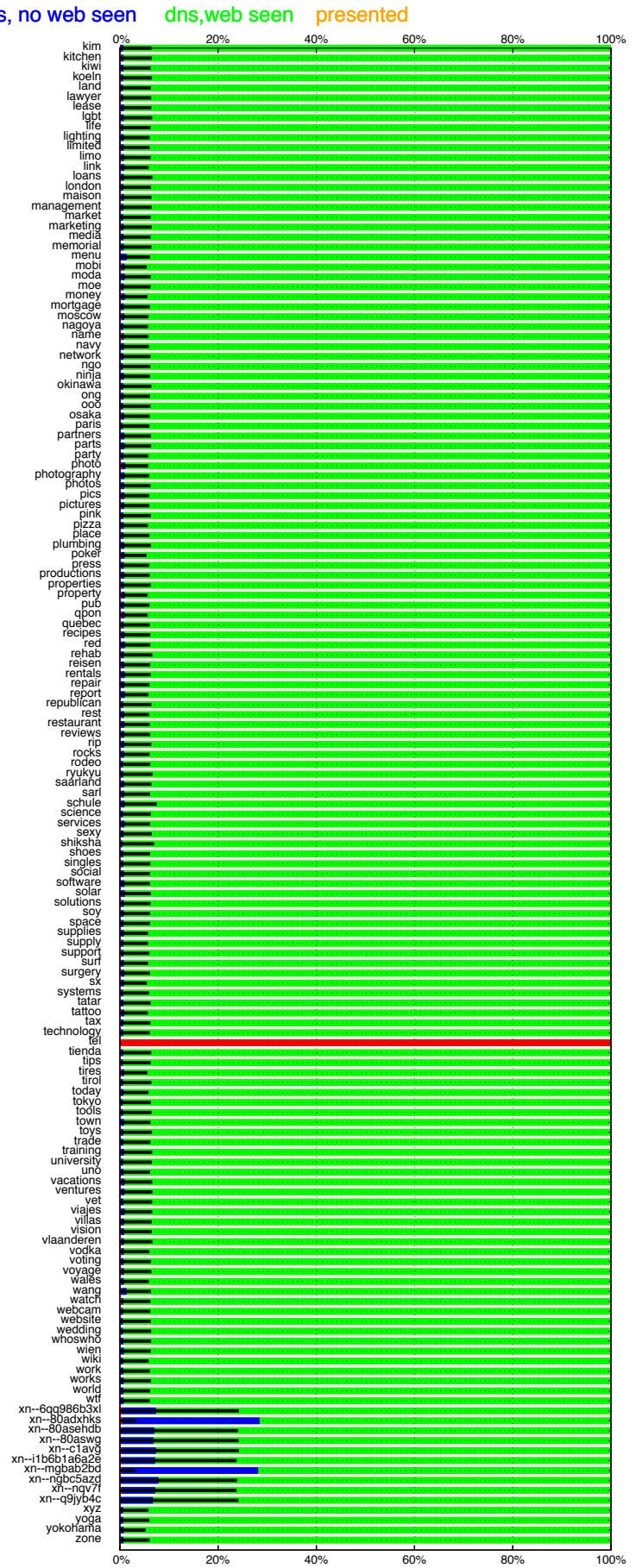
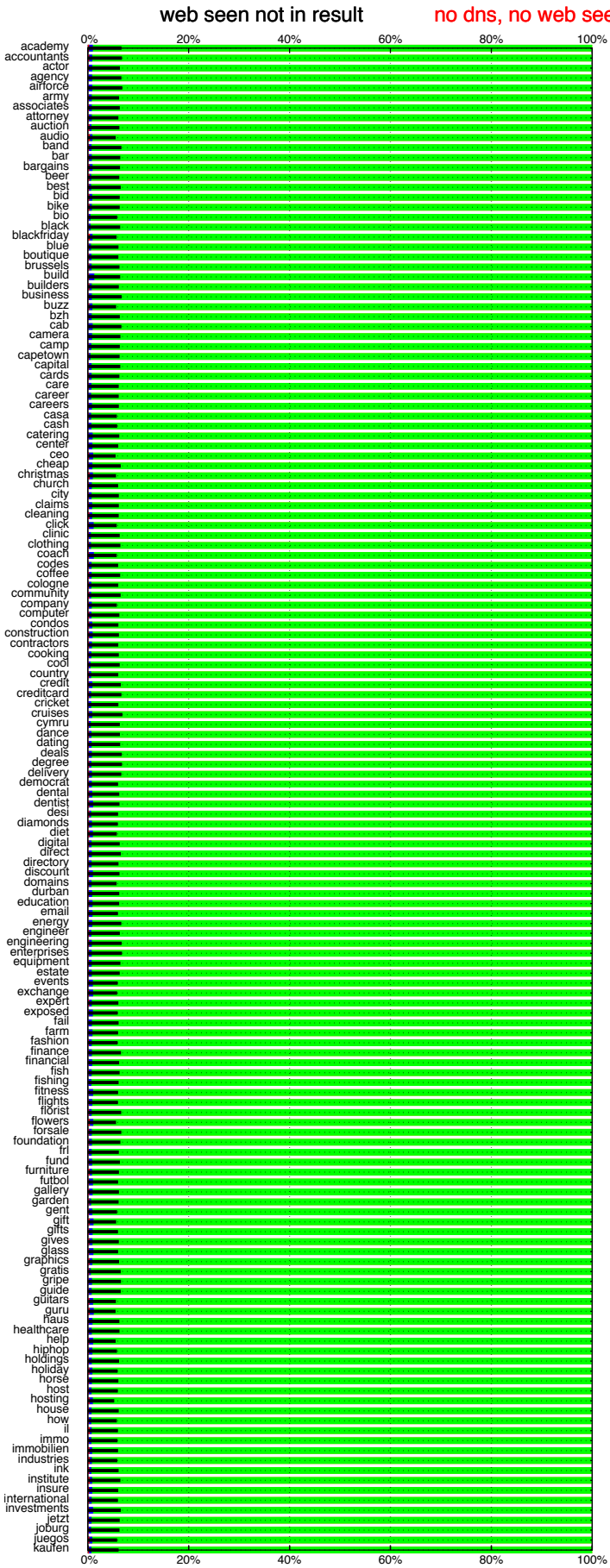
EC - Ecuador - Samplecount: 1293881

EE - Estonia - Samplecount: 72547



EE - Estonia - Samplecount: 72547

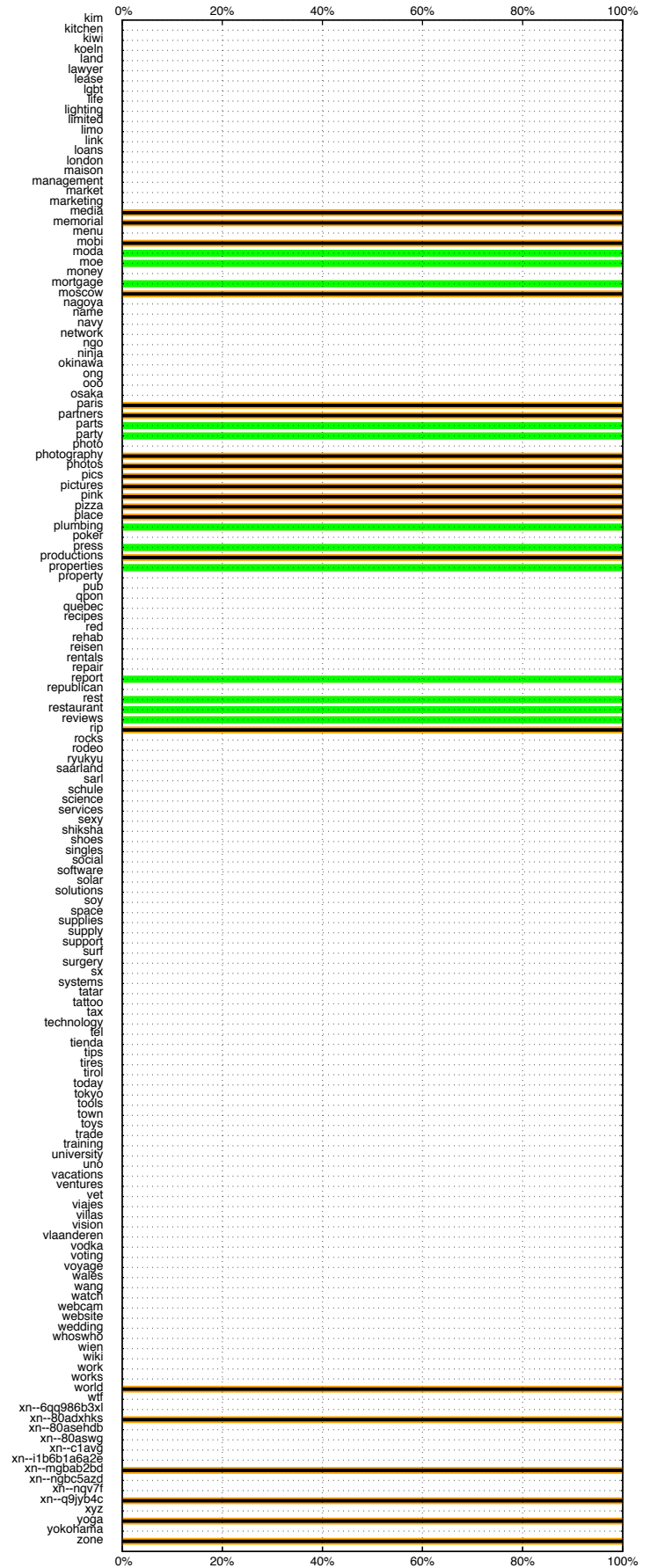
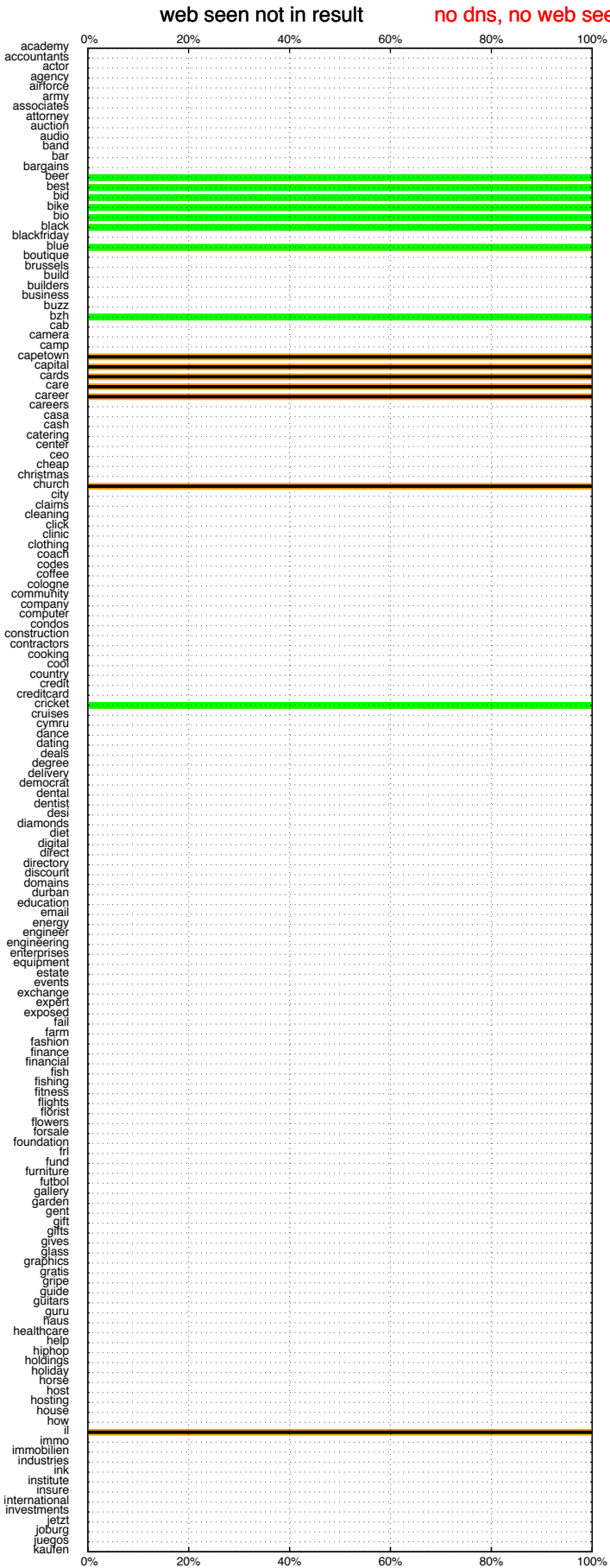
EG - Egypt - Samplecount: 2365453



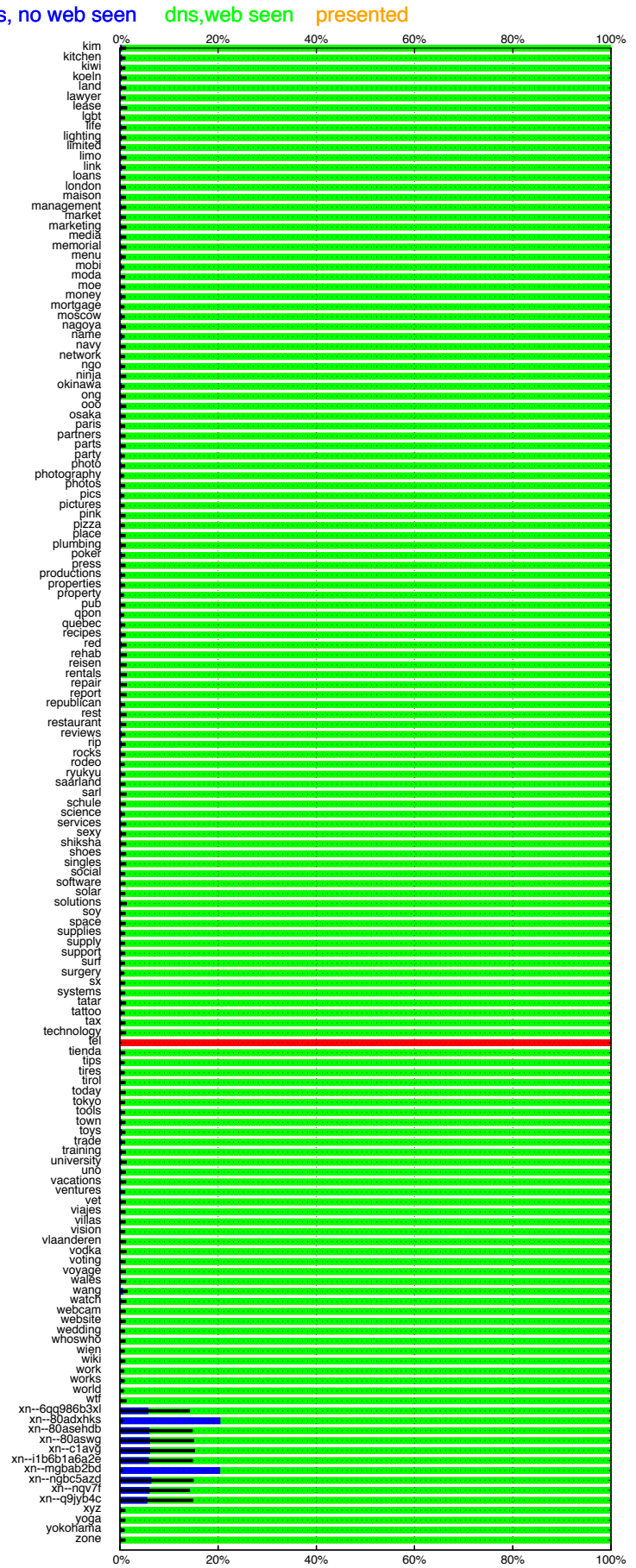
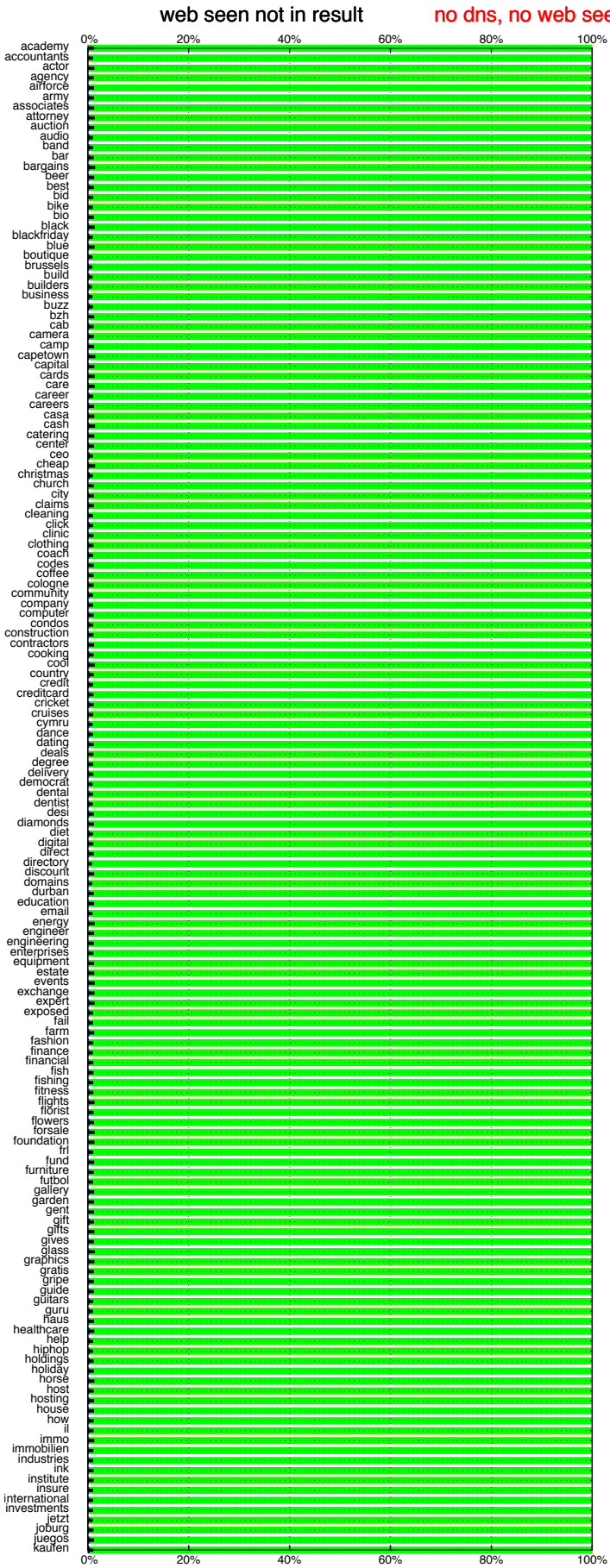
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

EG - Egypt - Samplecount: 2365453

ER - Eritrea - Samplecount: 22



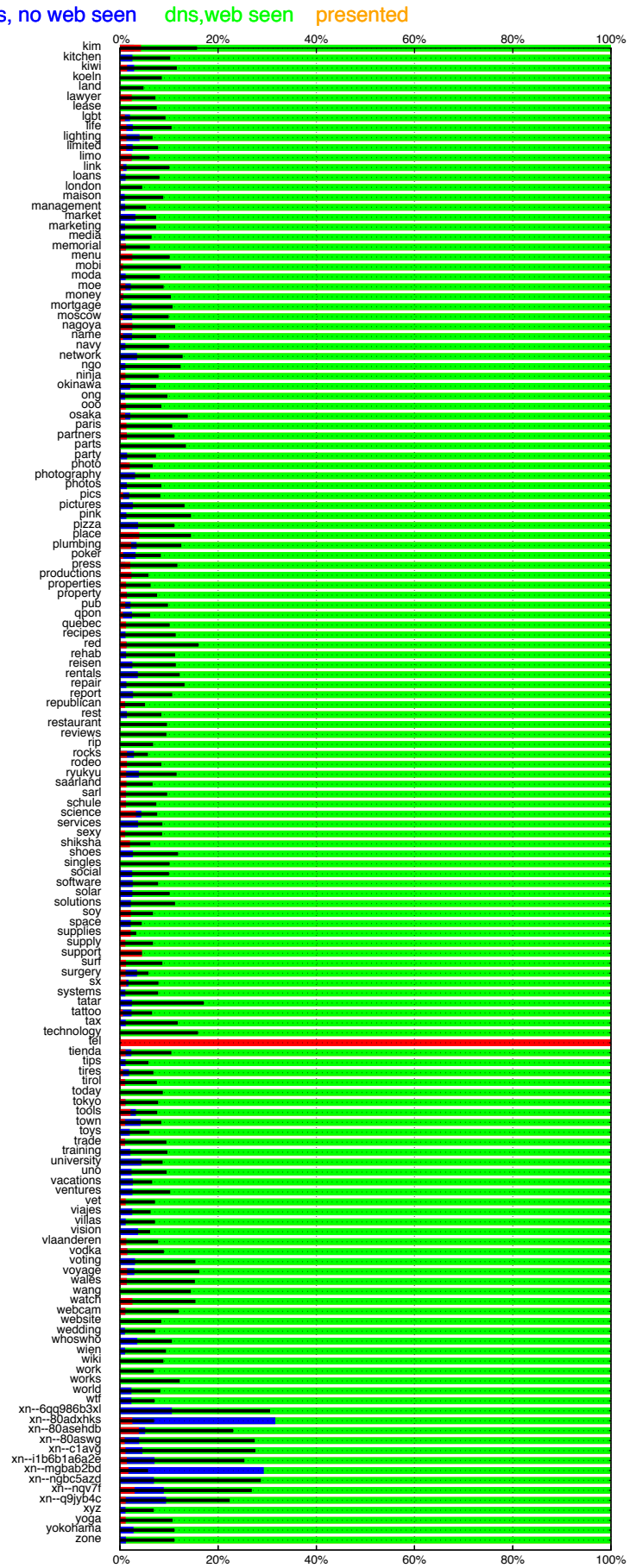
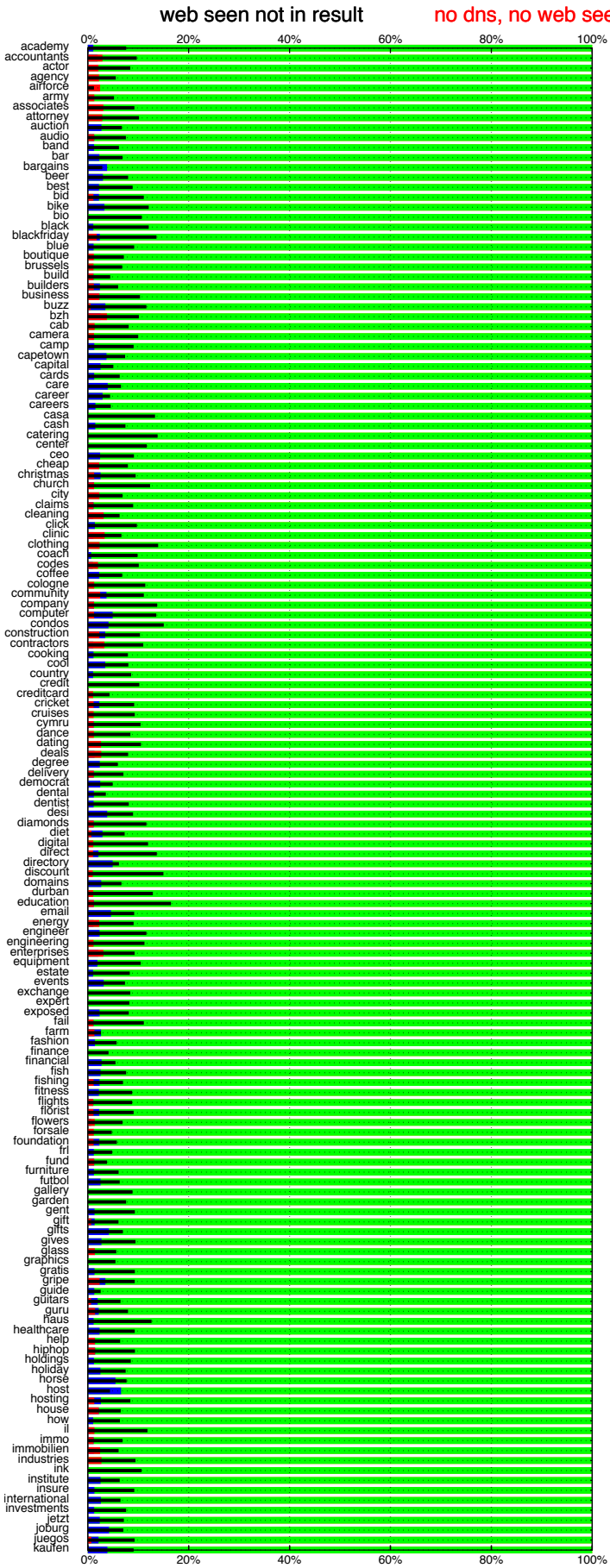
ES - Spain - Samplecount: 1622677



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

ES - Spain - Samplecount: 1622677

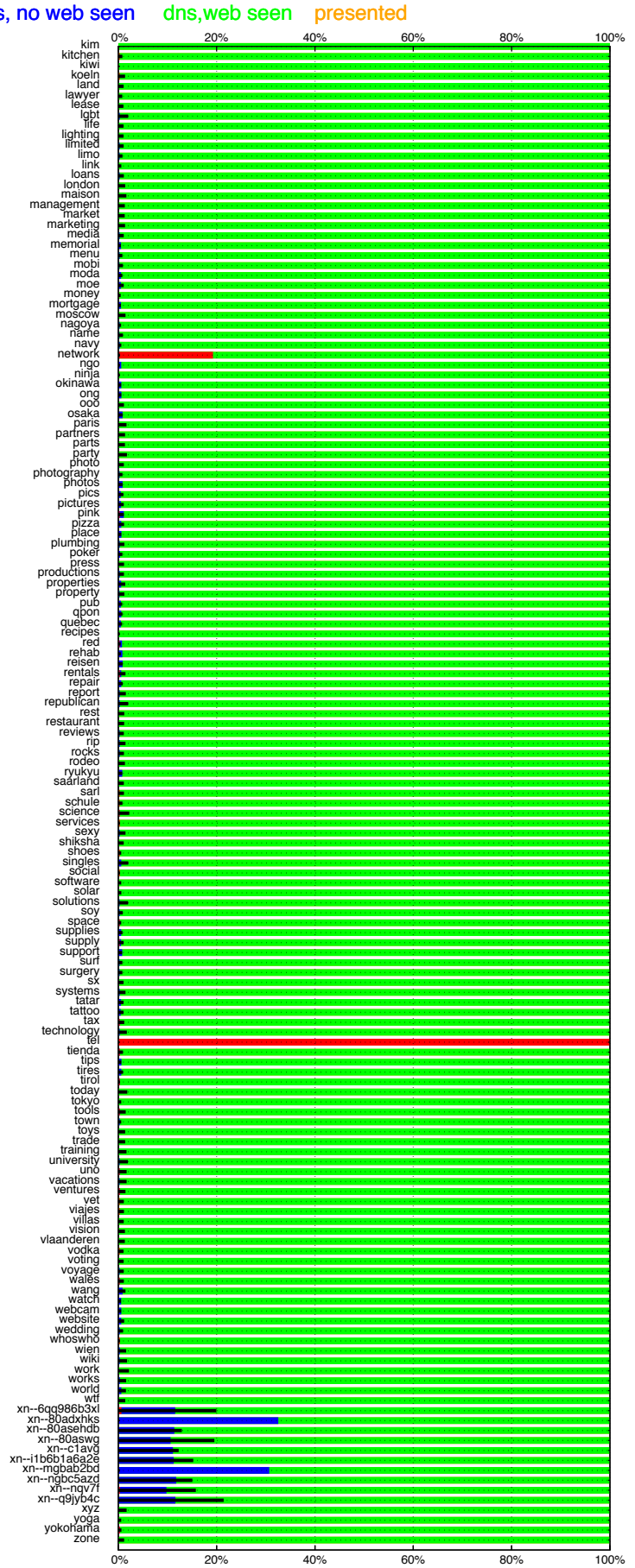
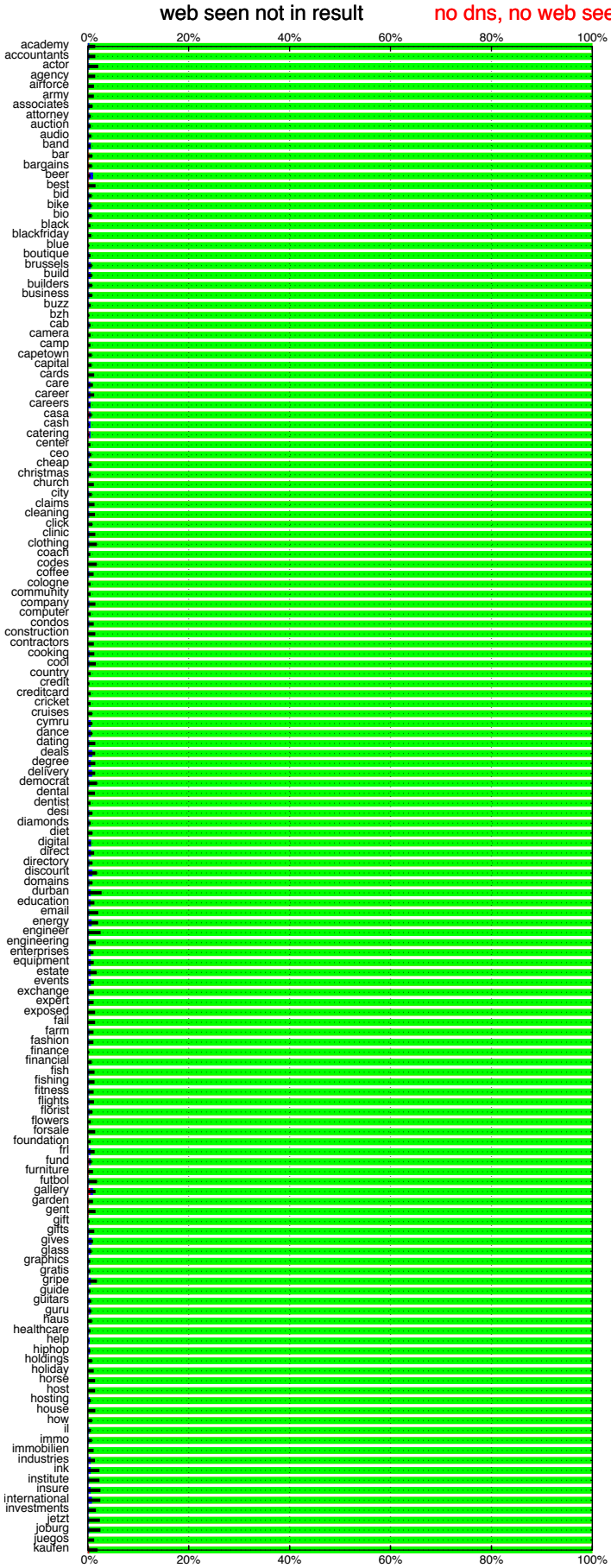
ET - Ethiopia - Samplecount: 25257



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

ET - Ethiopia - Samplecount: 25257

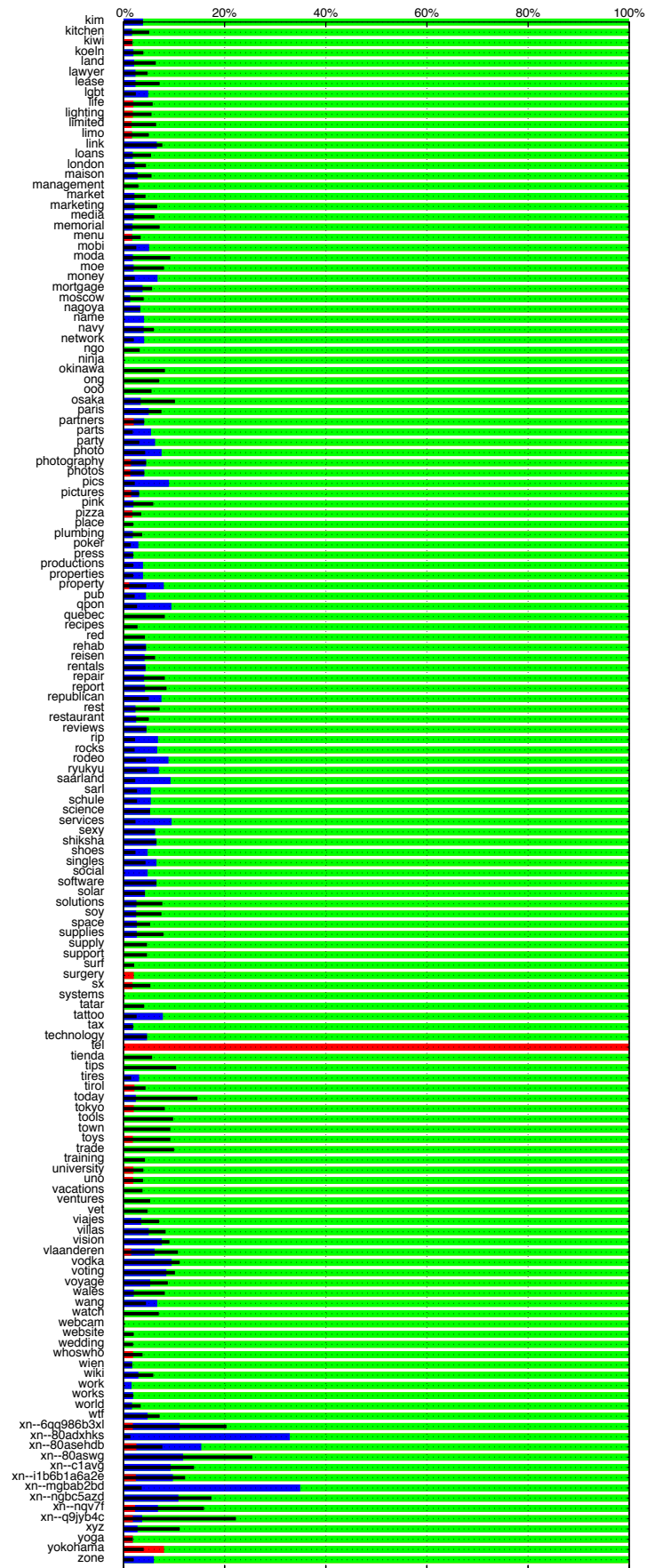
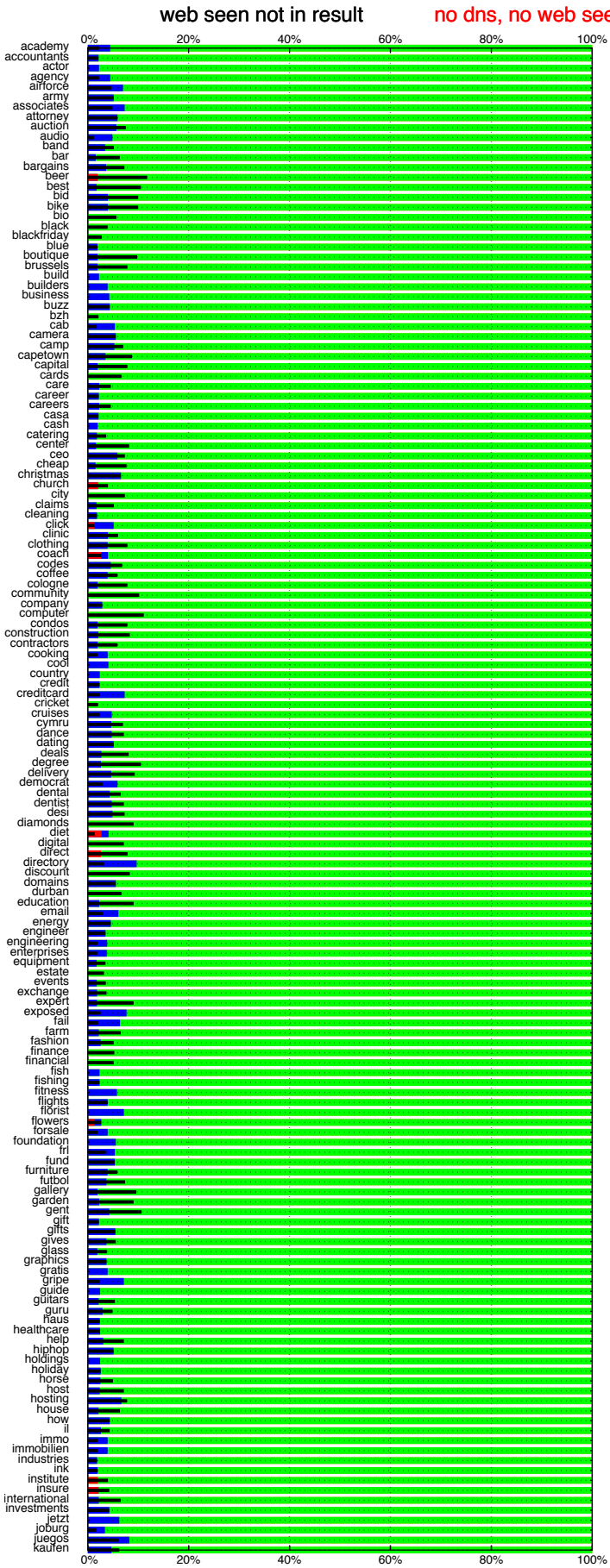
FI - Finland - Samplecount: 121134



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

FI - Finland - Samplecount: 121134

FJ - Fiji - Samplecount: 15128



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

FJ - Fiji - Samplecount: 15128

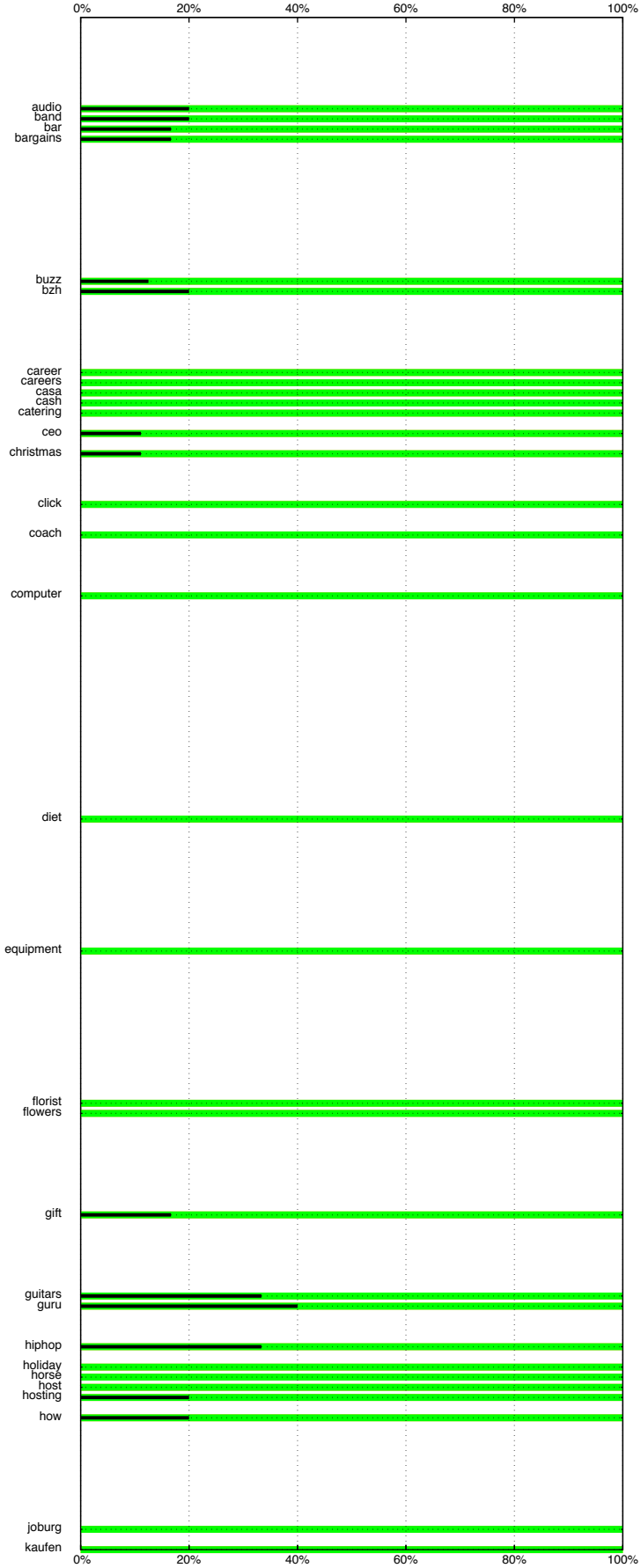
FM - Micronesia - Samplecount: 911

web seen not in result

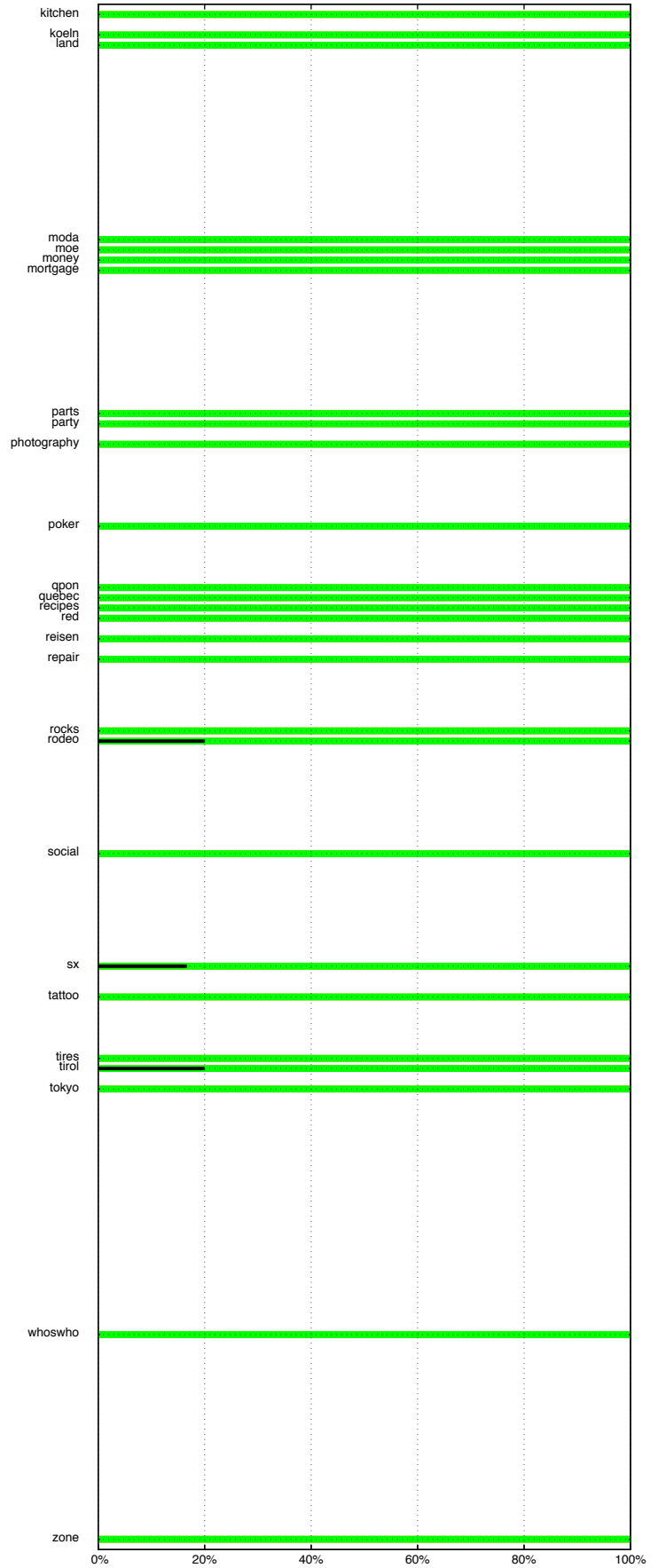
no dns, no web seen dns, no web seen

dns,web seen

presented



0% 20% 40% 60% 80% 100%



0% 20% 40% 60% 80% 100%

web seen not in result

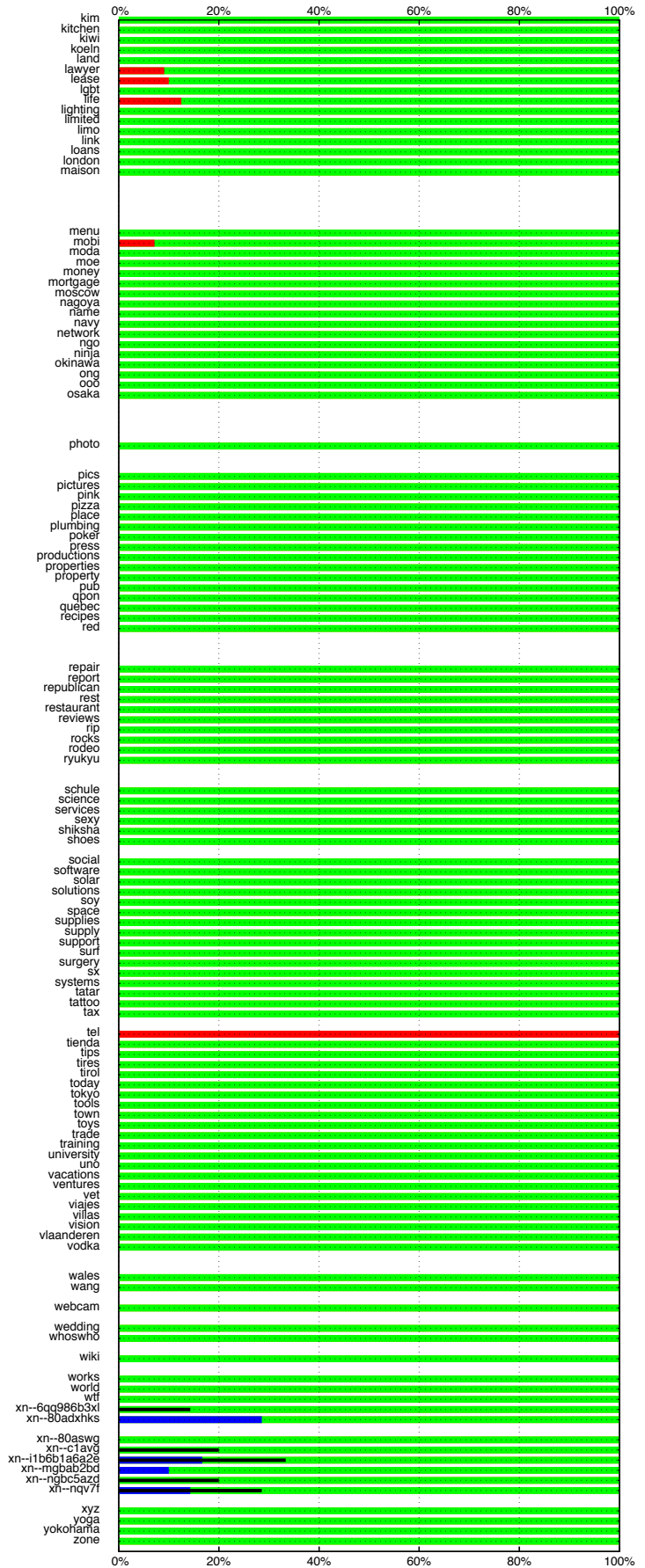
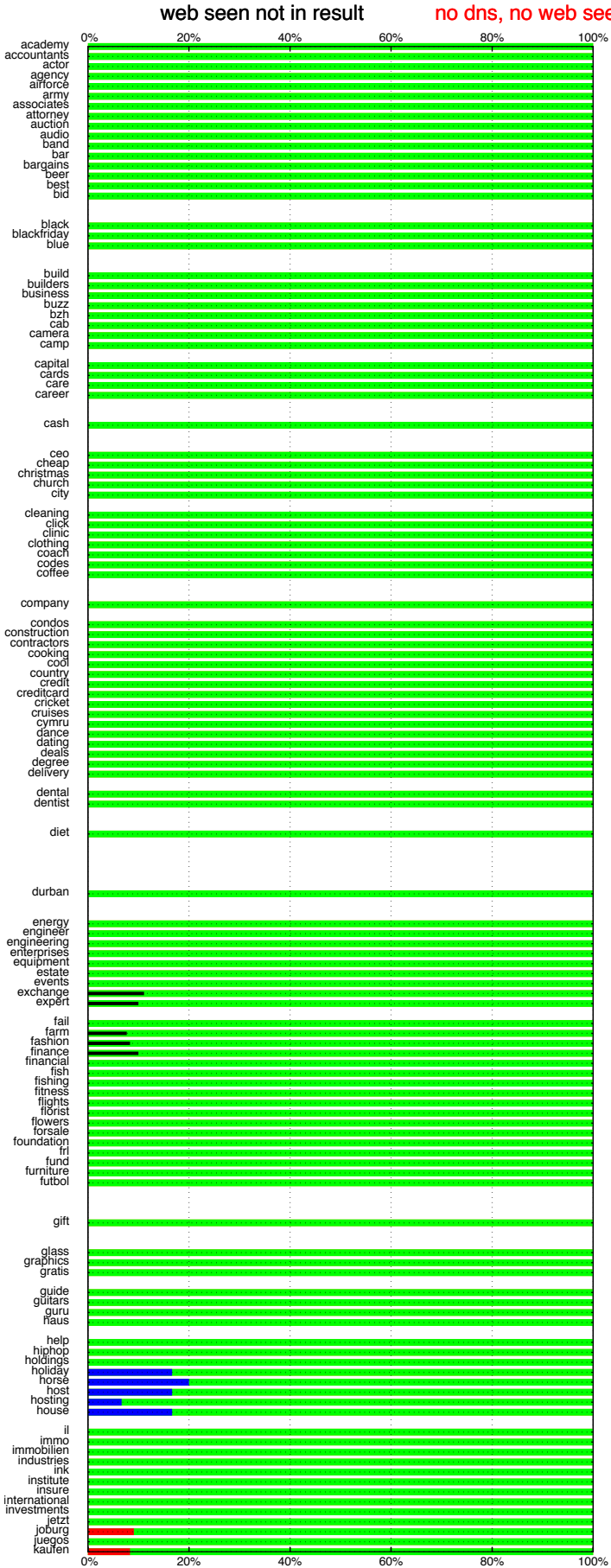
no dns, no web seen dns, no web seen

dns,web seen

presented

FM - Micronesia - Samplecount: 911

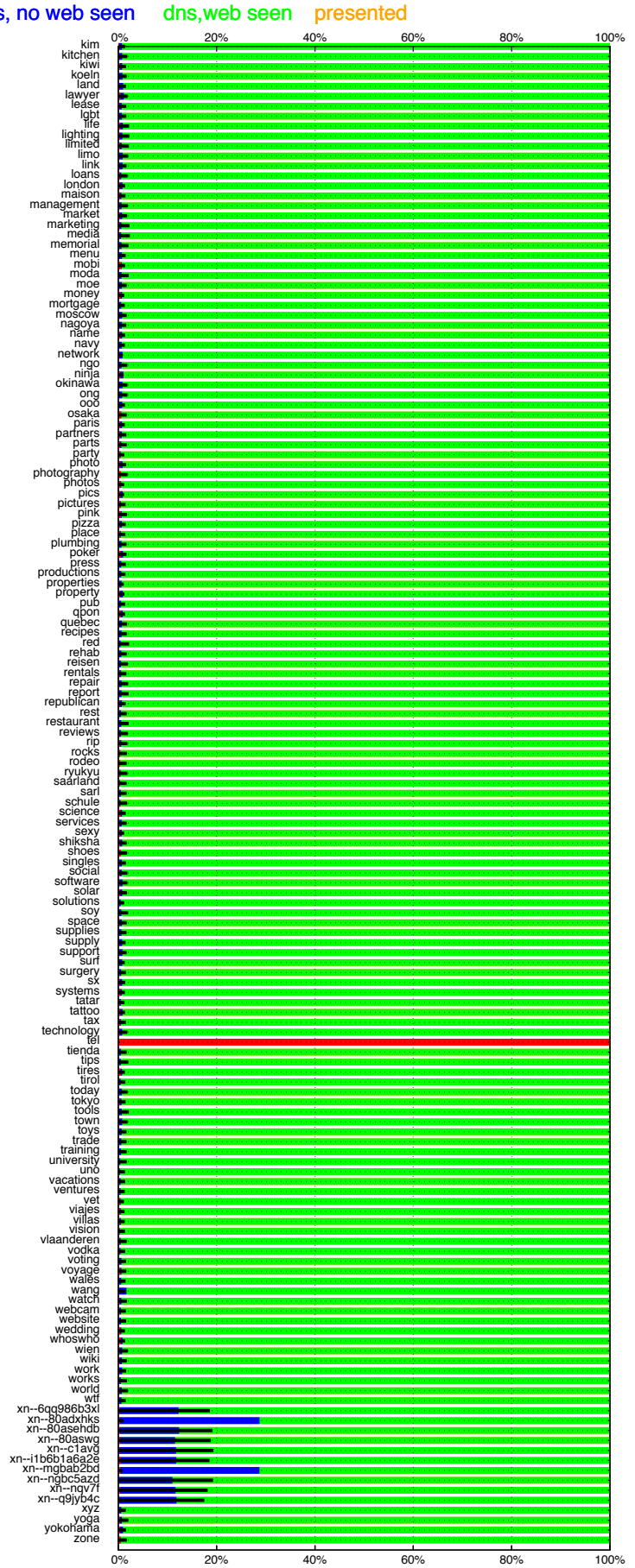
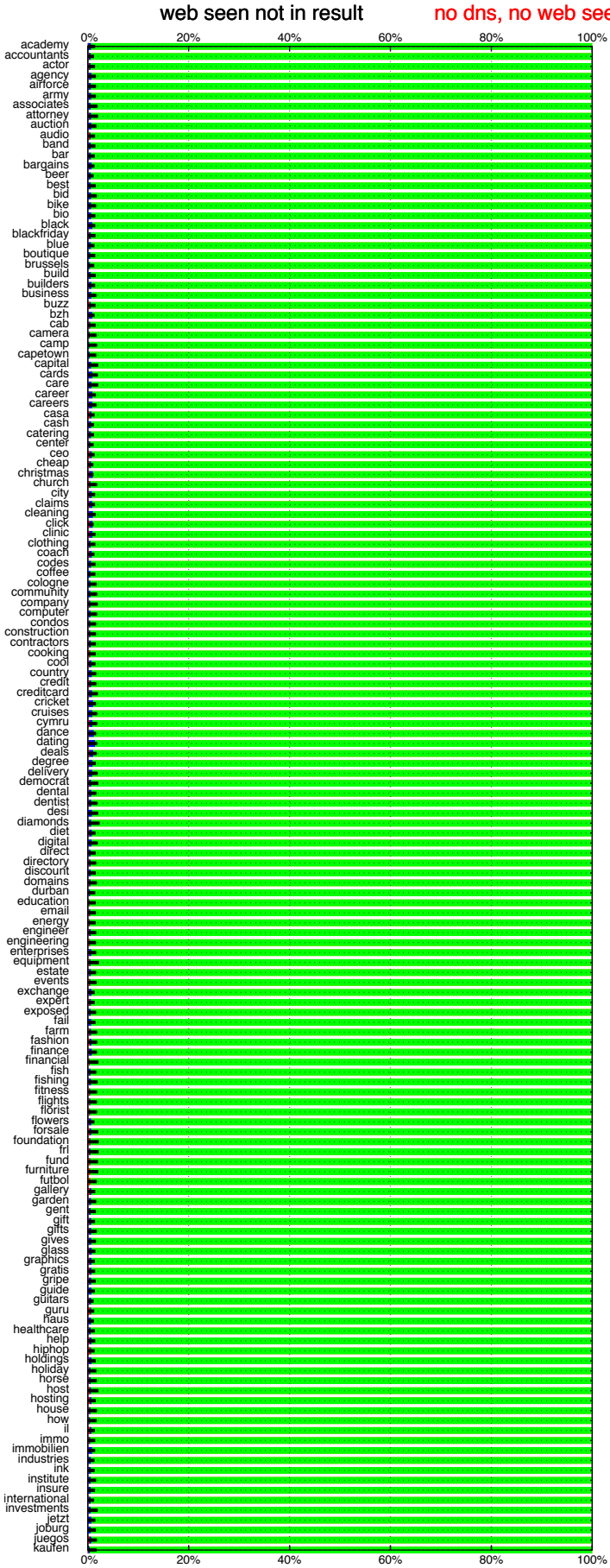
FO - Faroe Islands - Samplecount: 2276



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

FO - Faroe Islands - Samplecount: 2276

FR - France - Samplecount: 807487

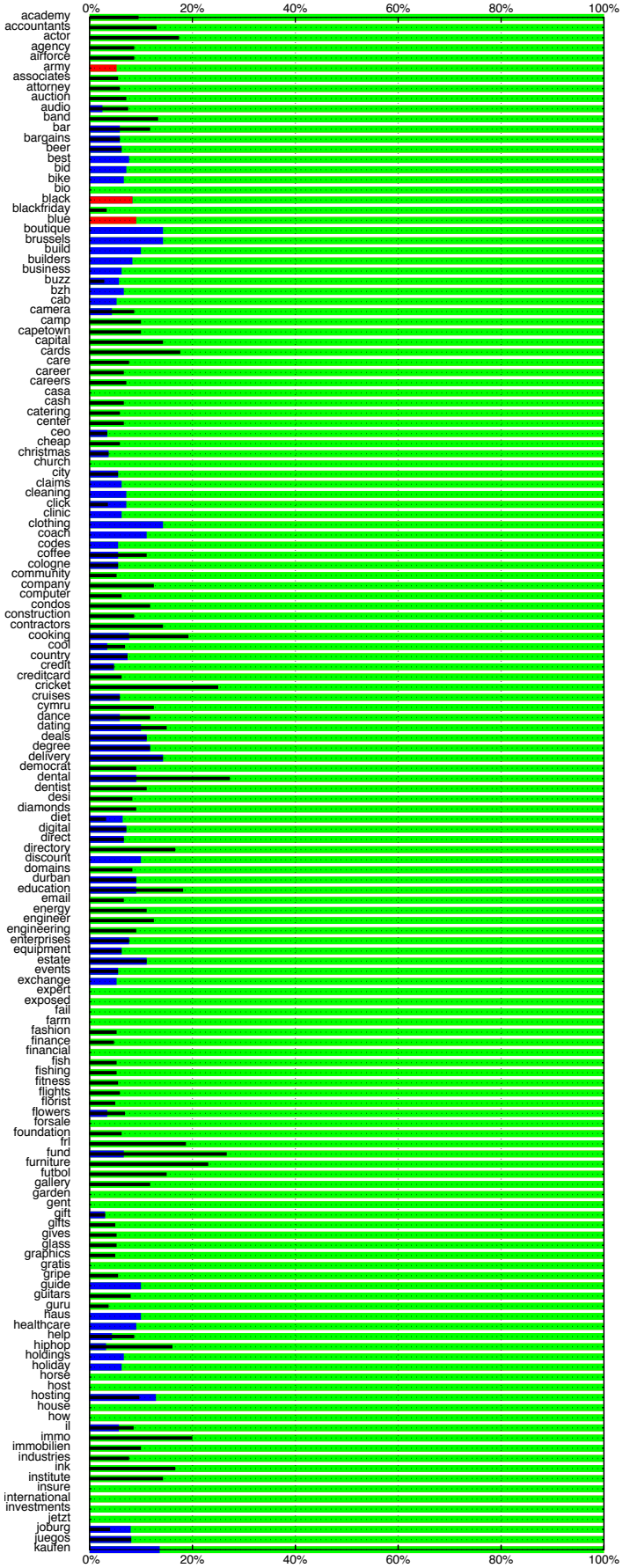


web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

FR - France - Samplecount: 807487

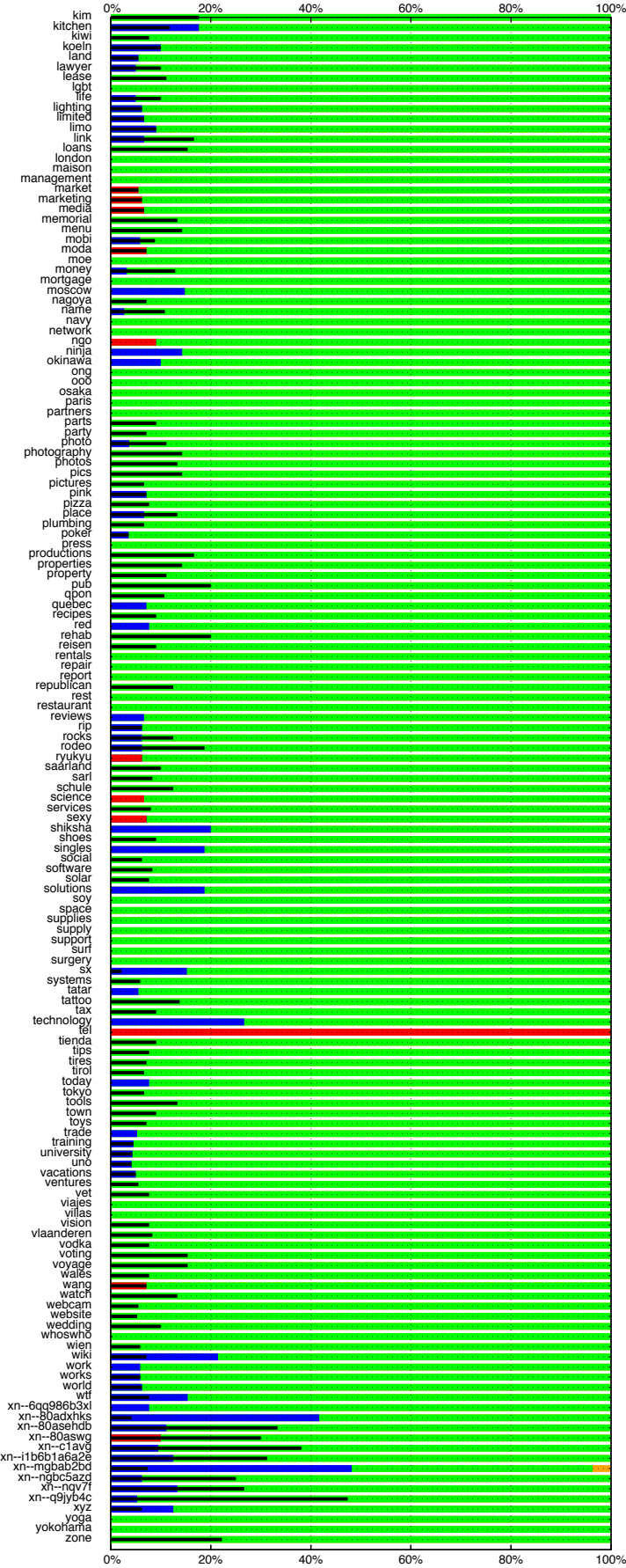
GA - Gabon - Samplecount: 4769

web seen not in result no dns, no web seen dns, no web seen dns,web seen presented



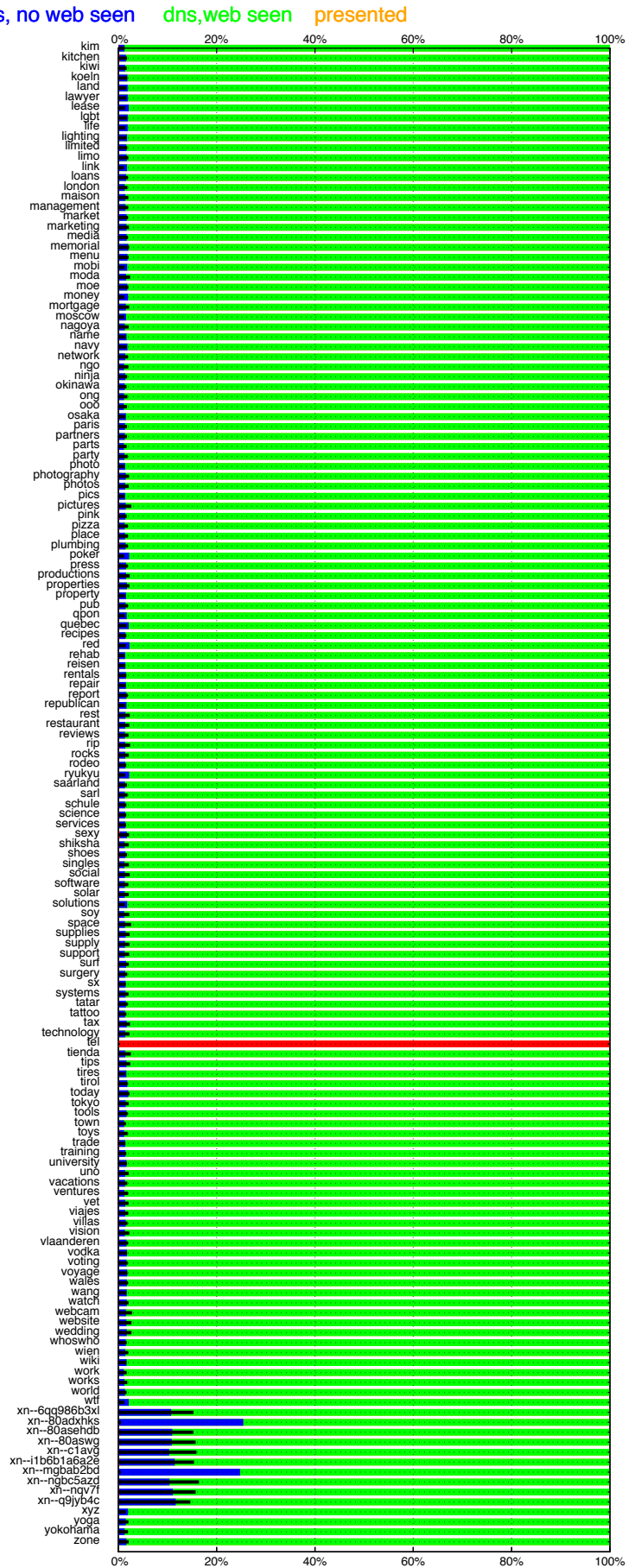
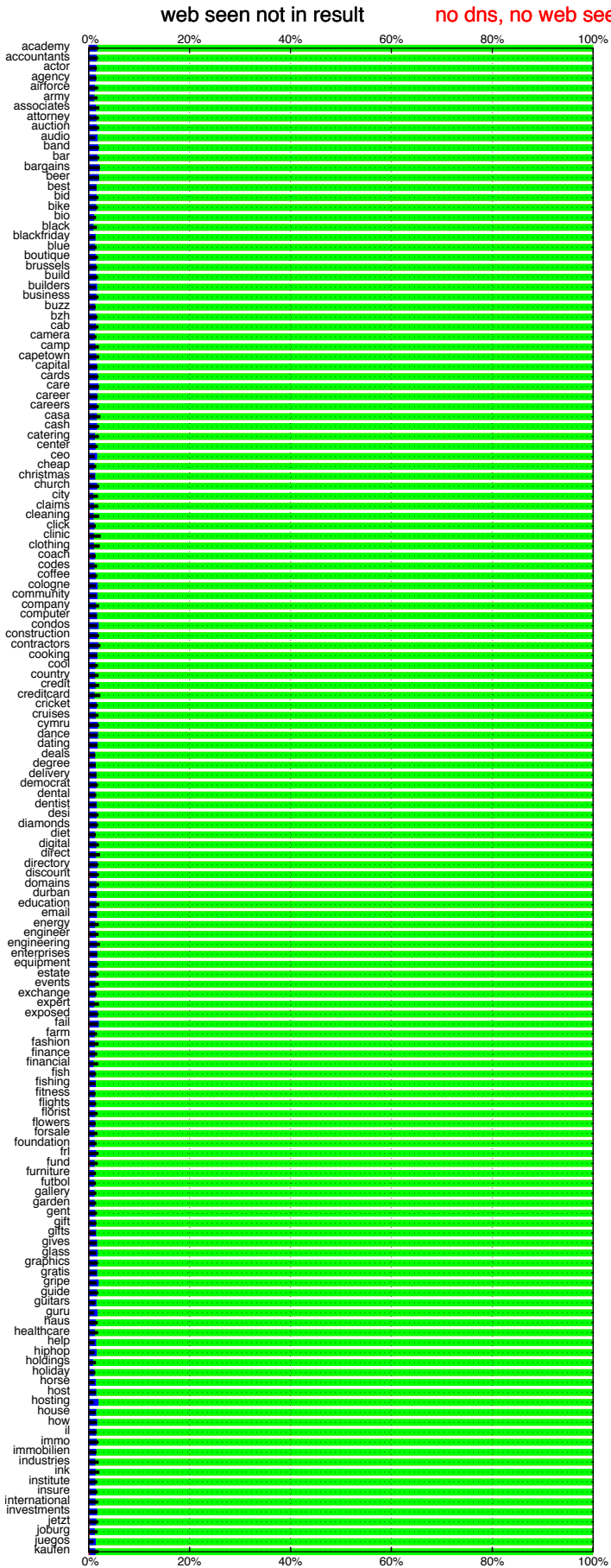
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

GA - Gabon - Samplecount: 4769



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

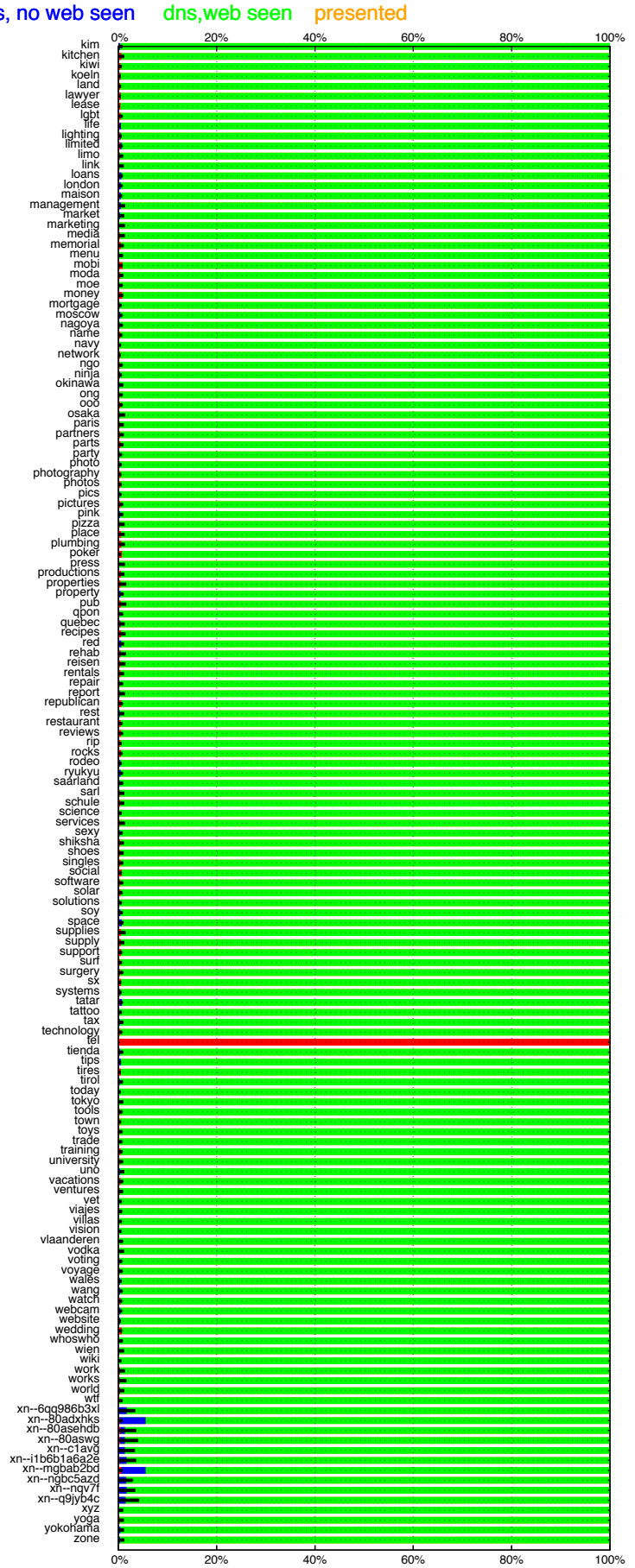
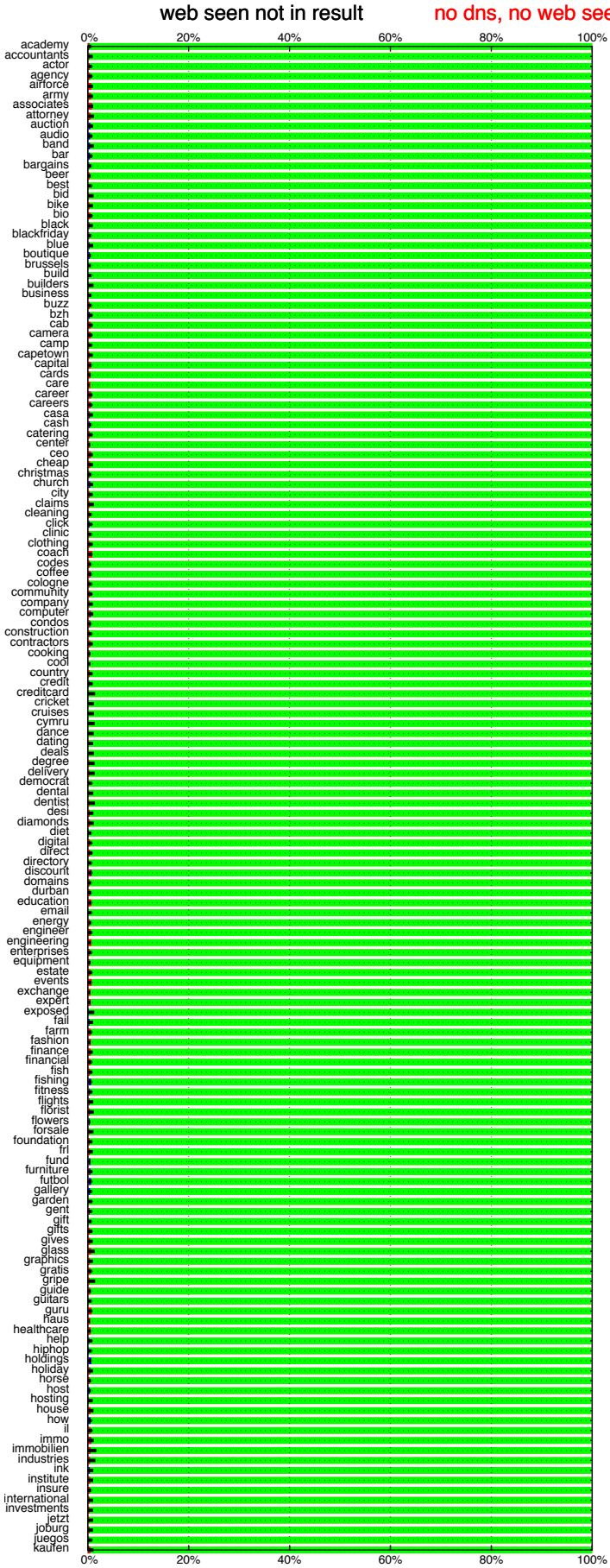
GB - Britain (UK) - Samplecount: 701843



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

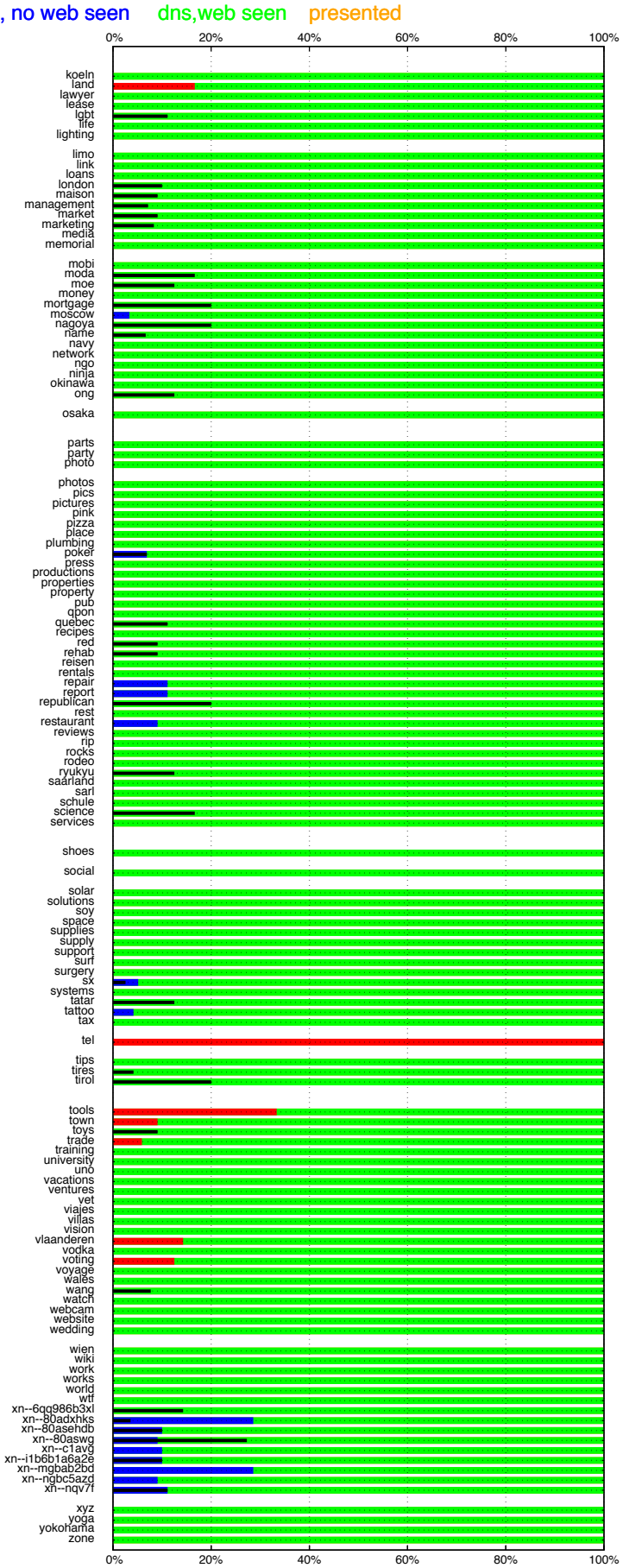
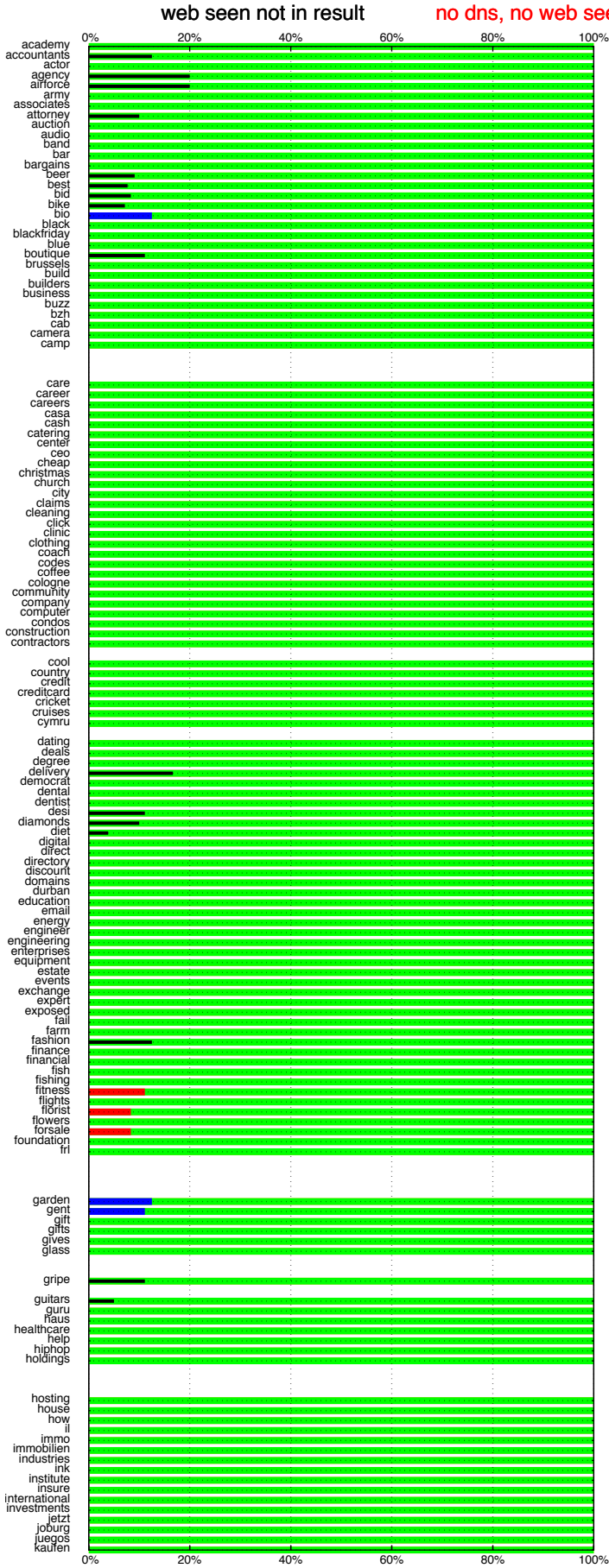
GB - Britain (UK) - Samplecount: 701843

GE - Georgia - Samplecount: 471195



GE - Georgia - Samplecount: 471195

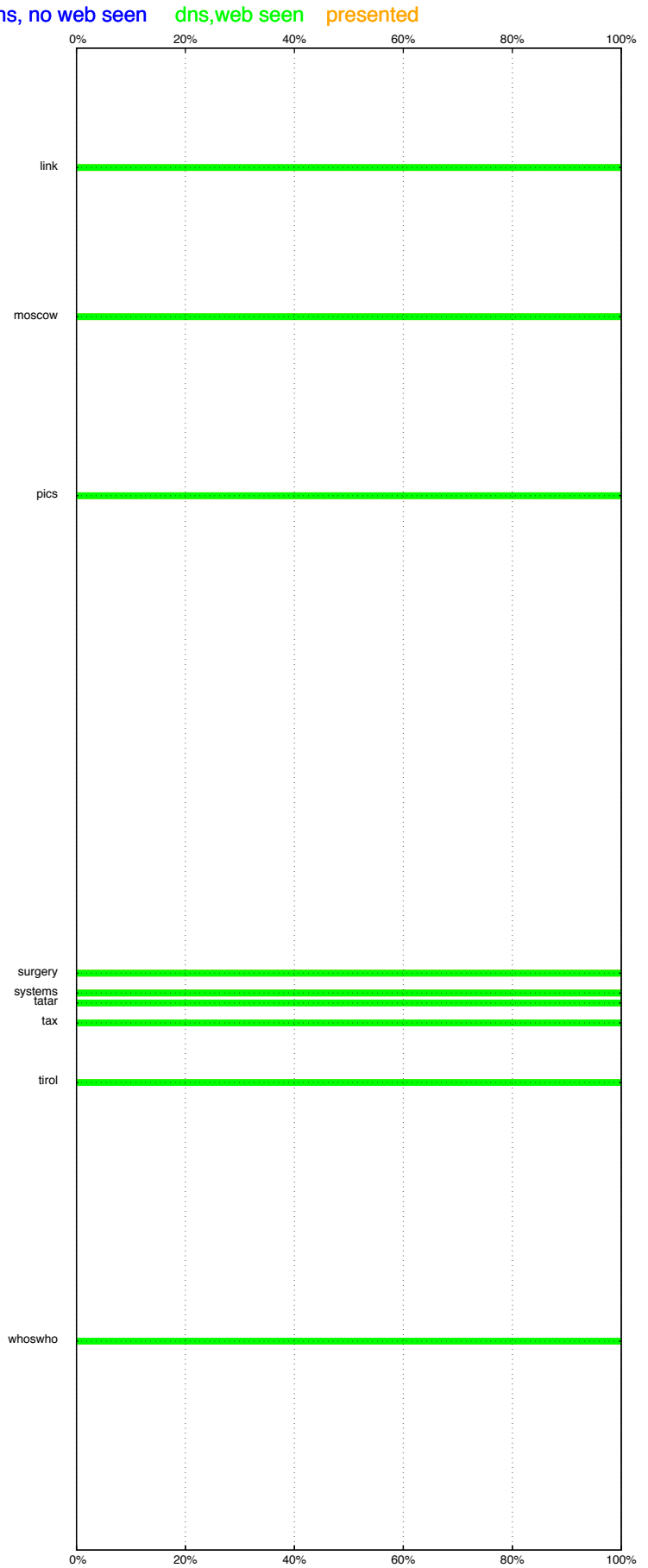
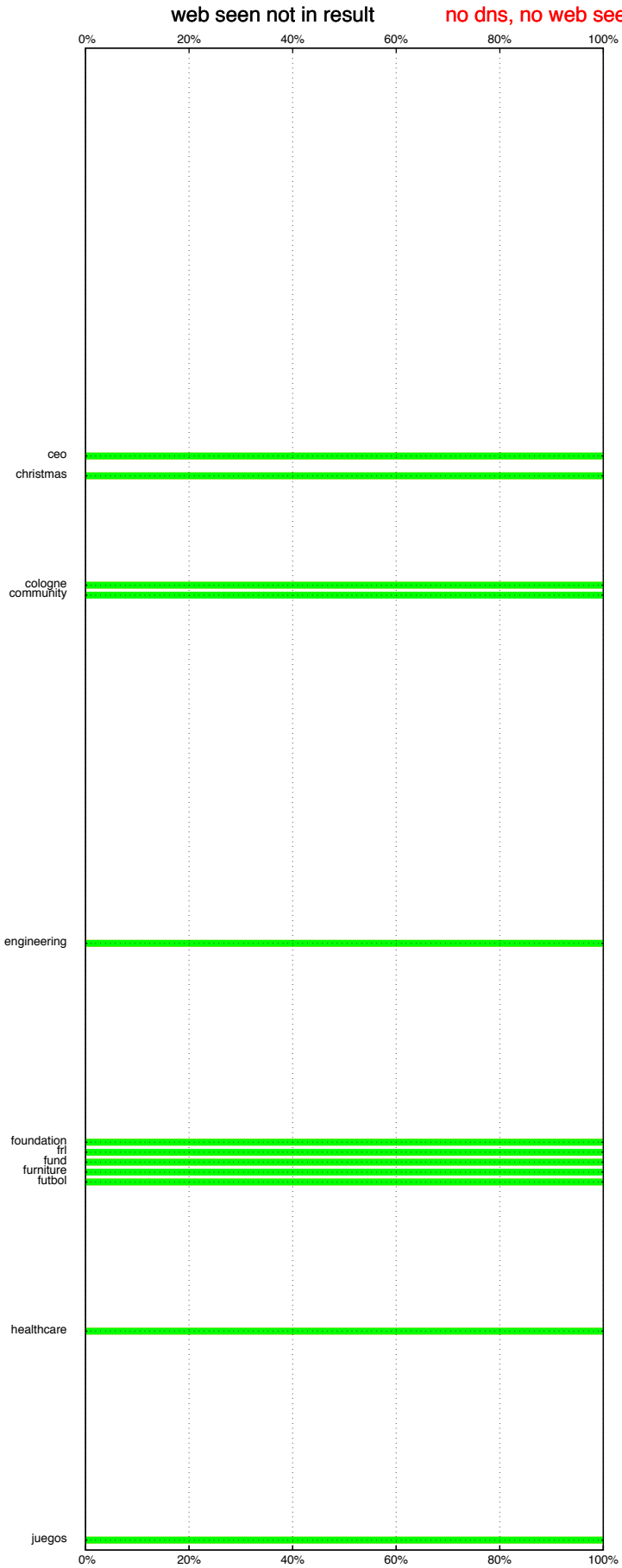
GF - French Guiana - Samplecount: 2709



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

GF - French Guiana - Samplecount: 2709

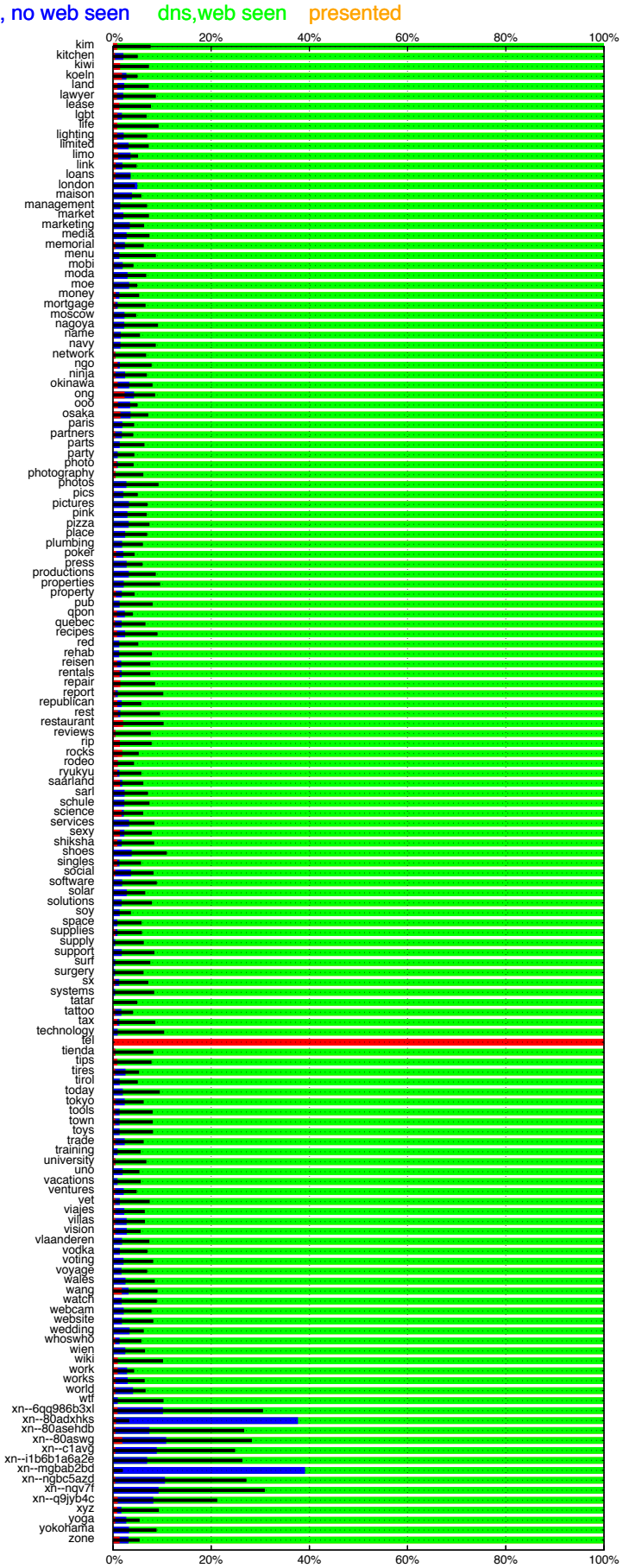
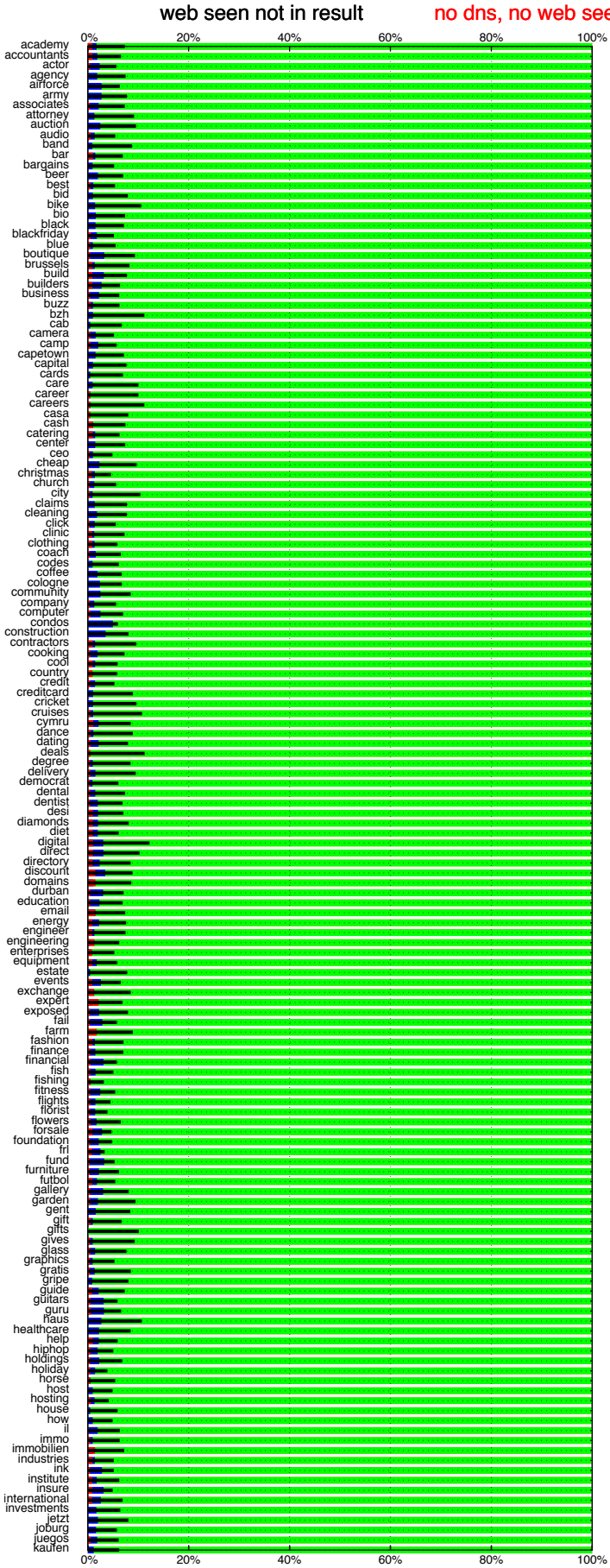
GG - Guernsey - Samplecount: 628



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

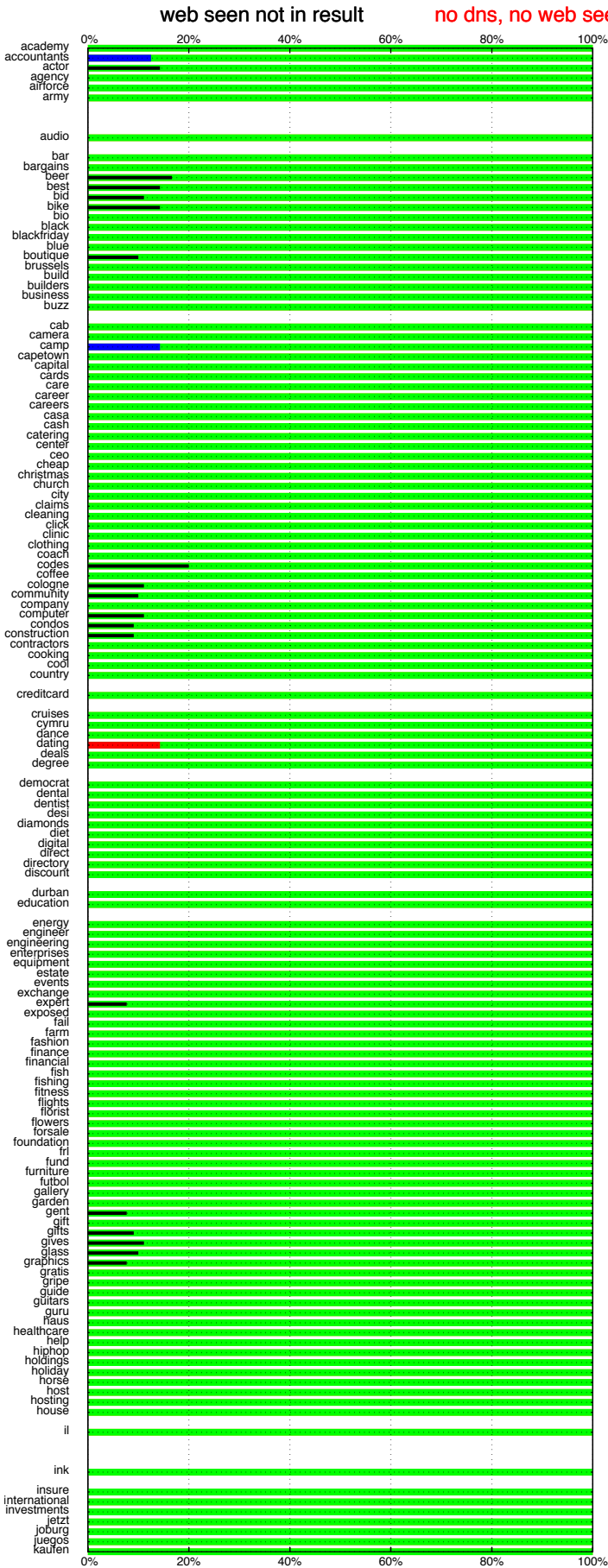
GG - Guernsey - Samplecount: 628

GH - Ghana - Samplecount: 69195



GH - Ghana - Samplecount: 69195

GI - Gibraltar - Samplecount: 2406



web seen not in result

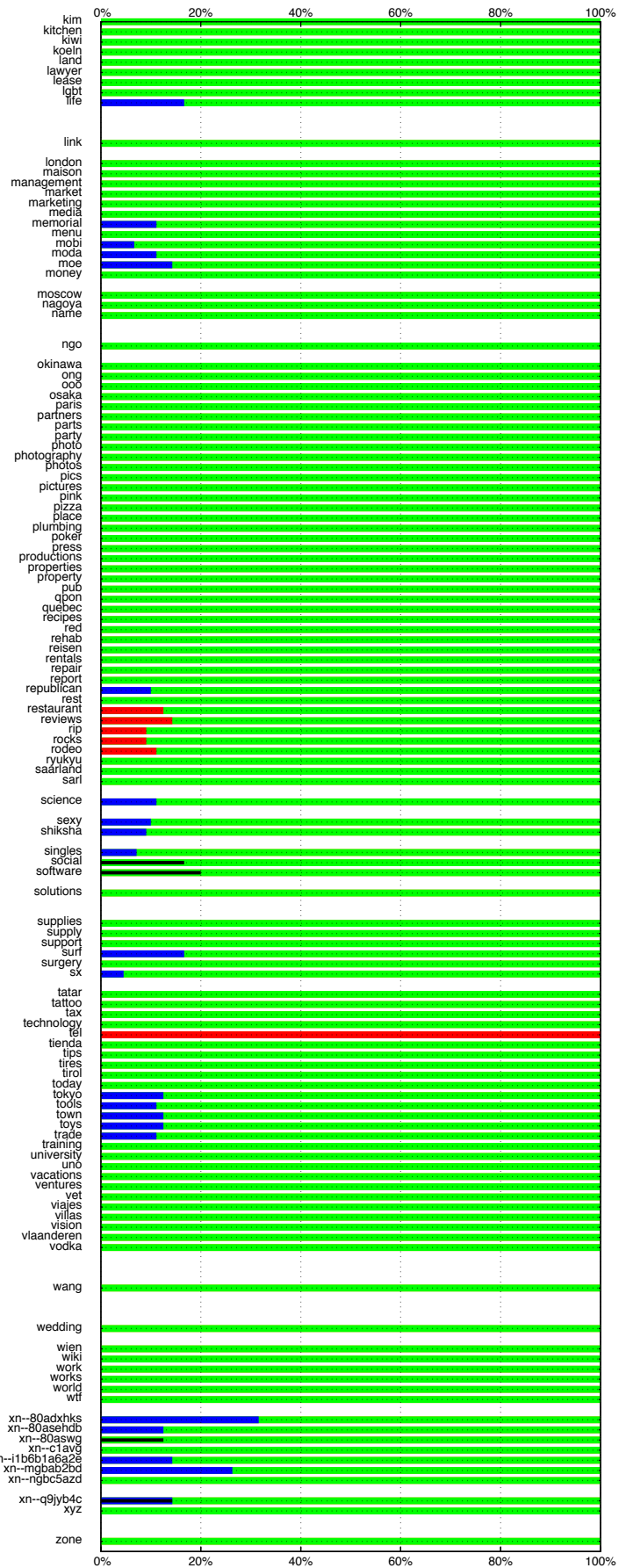
no dns, no web seen

dns, no web seen

dns,web seen

presented

GI - Gibraltar - Samplecount: 2406



web seen not in result

no dns, no web seen

dns, no web seen

dns,web seen

presented

GL - Greenland - Samplecount: 628

web seen not in result

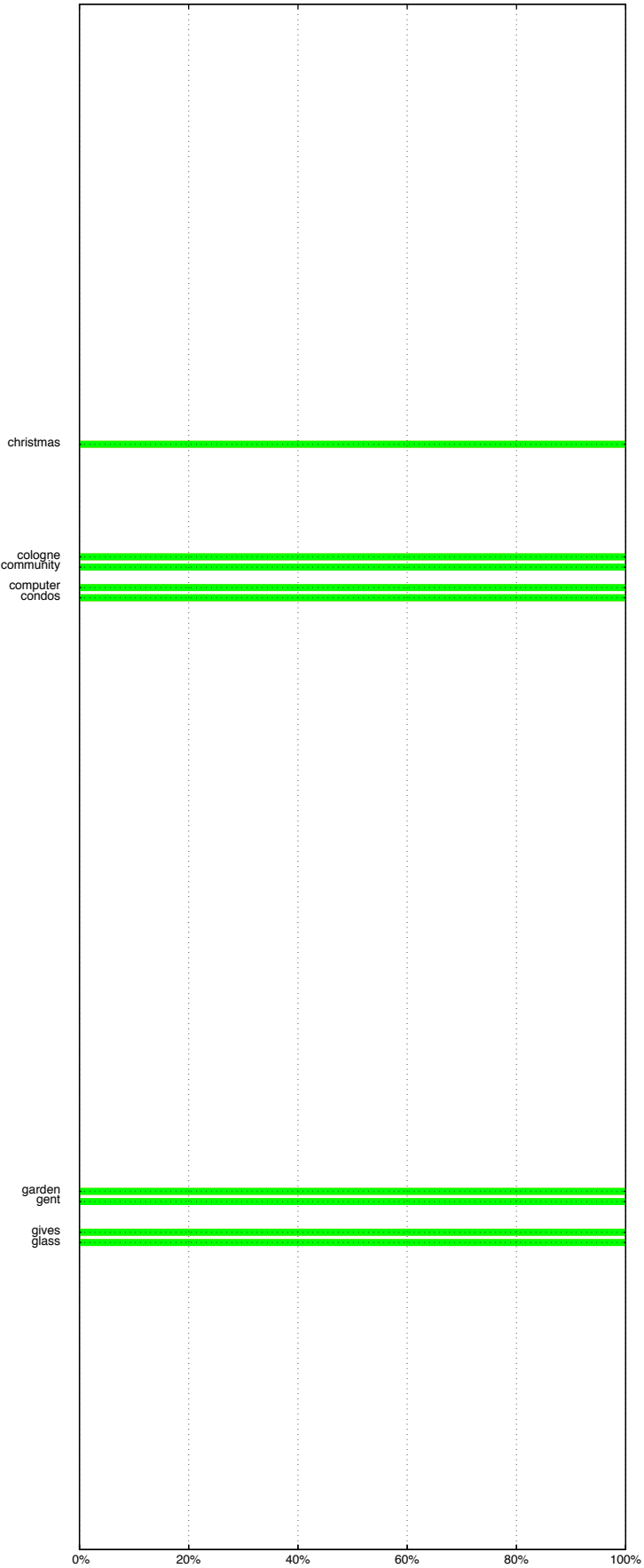
no dns, no web seen

dns, no web seen

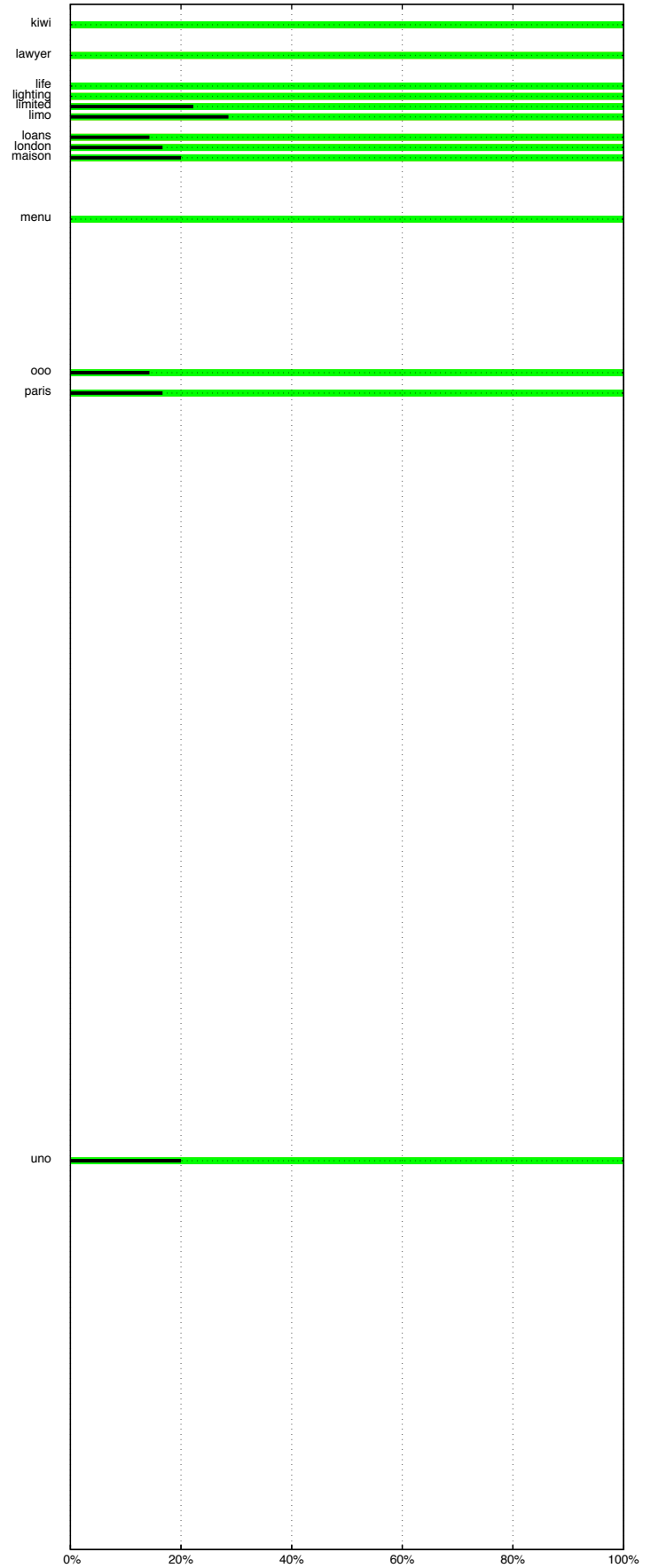
dns,web seen

presented

0% 20% 40% 60% 80% 100%



0% 20% 40% 60% 80% 100%



web seen not in result

no dns, no web seen

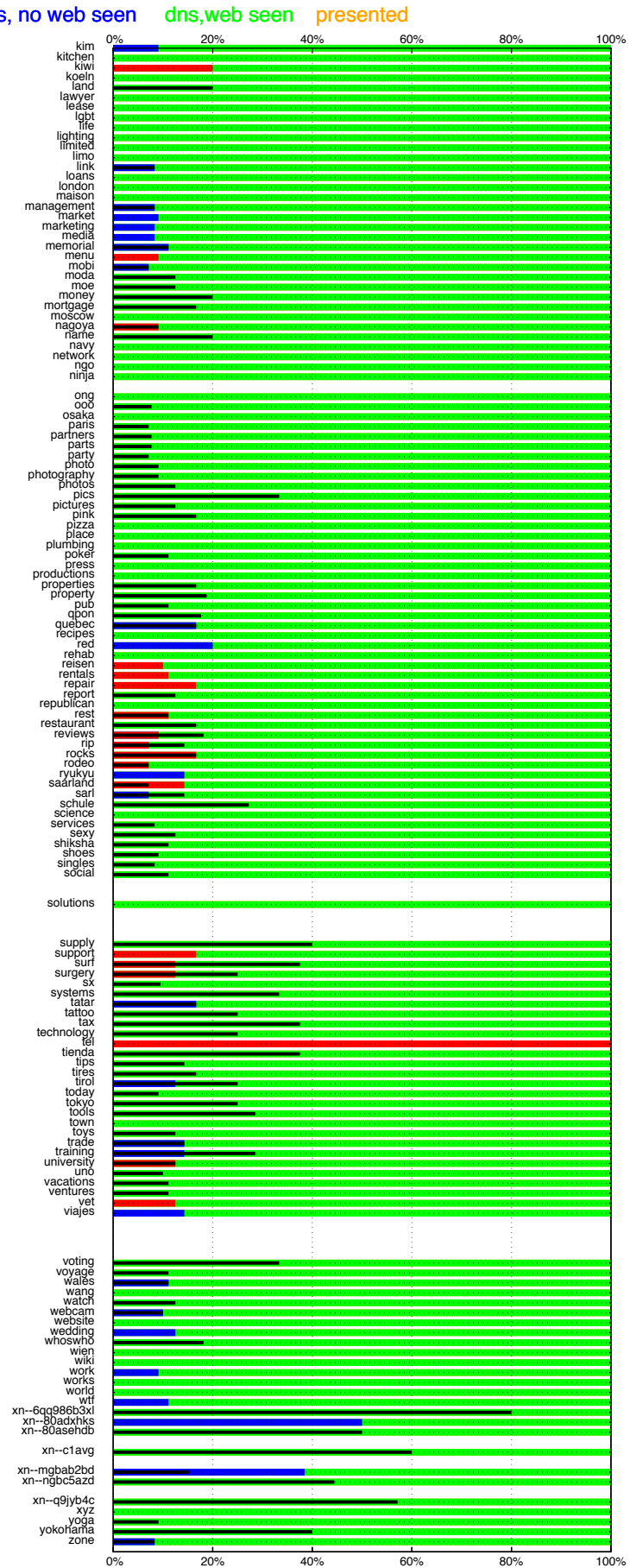
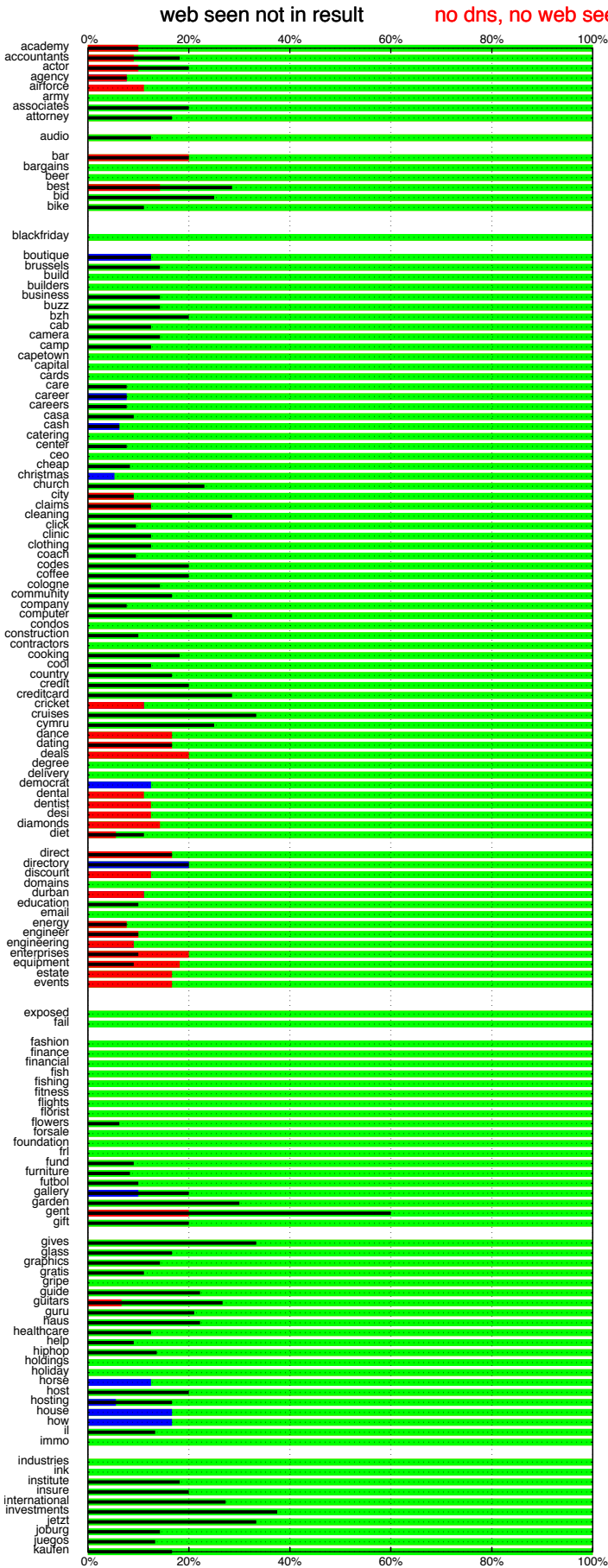
dns, no web seen

dns,web seen

presented

GL - Greenland - Samplecount: 628

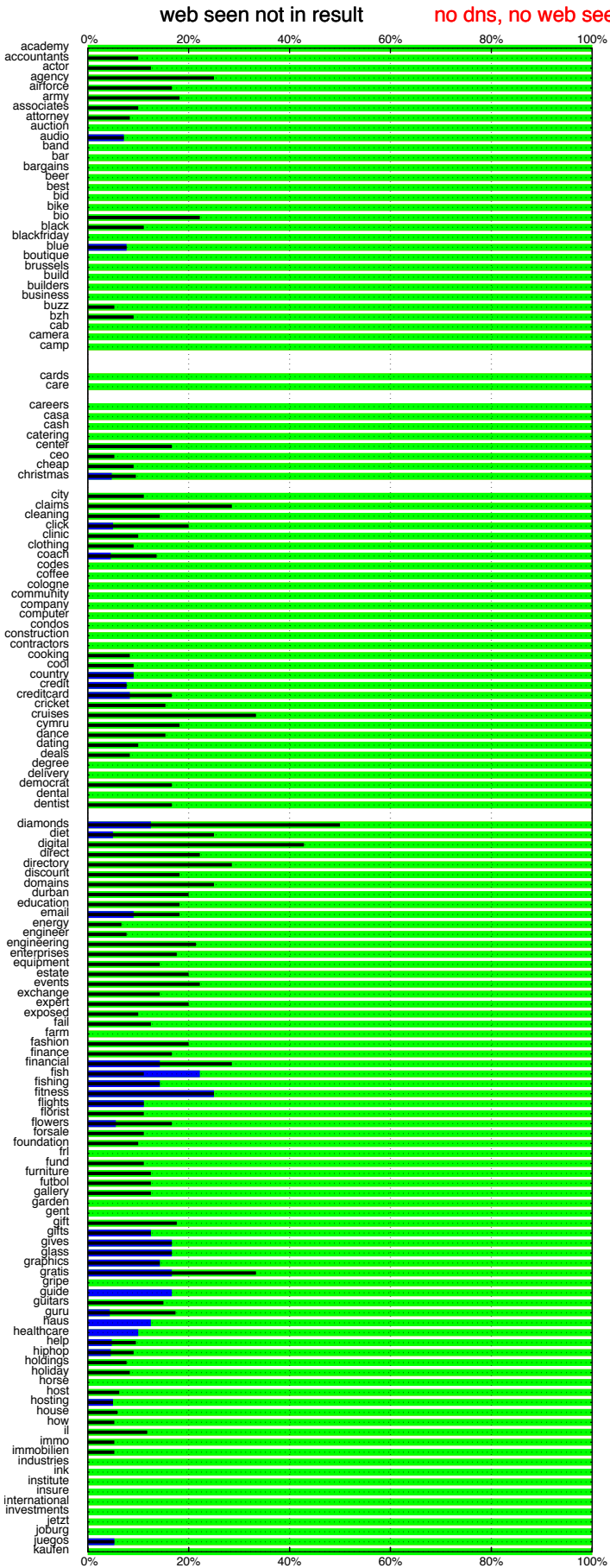
GM - Gambia - Samplecount: 2402



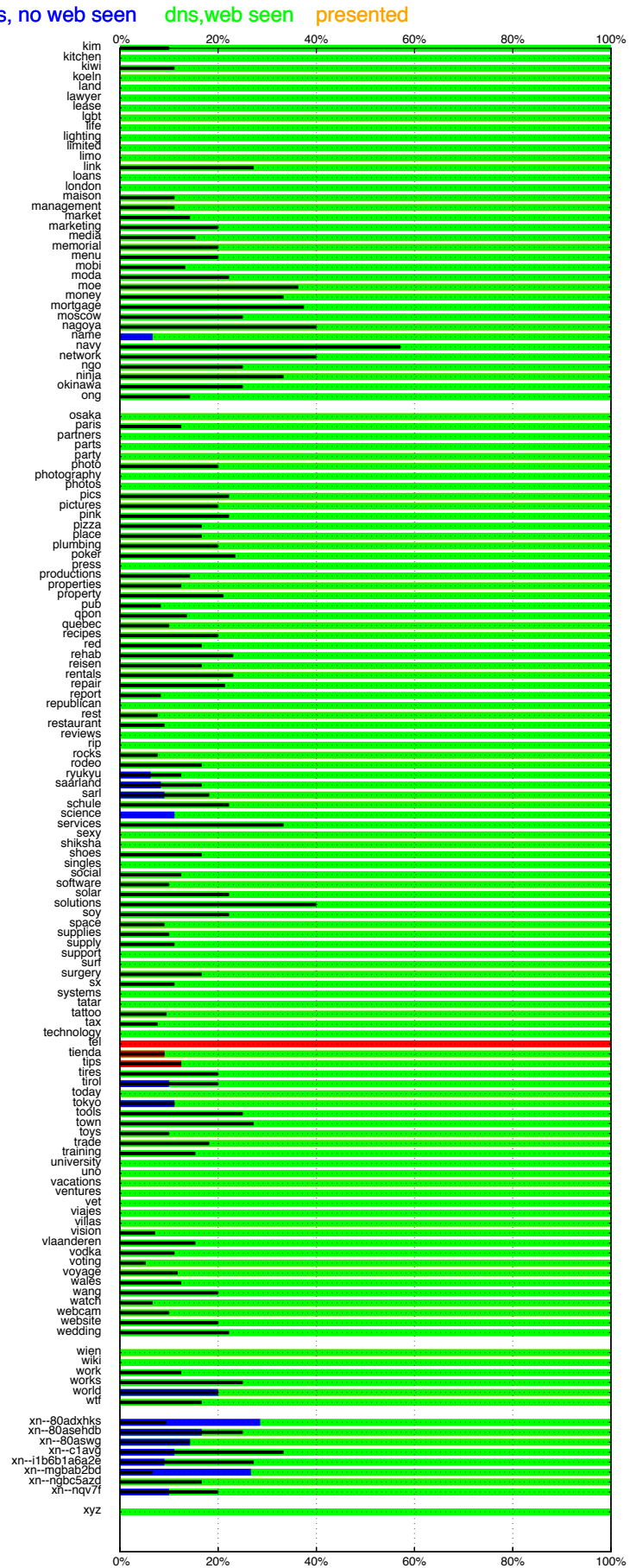
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

GM - Gambia - Samplecount: 2402

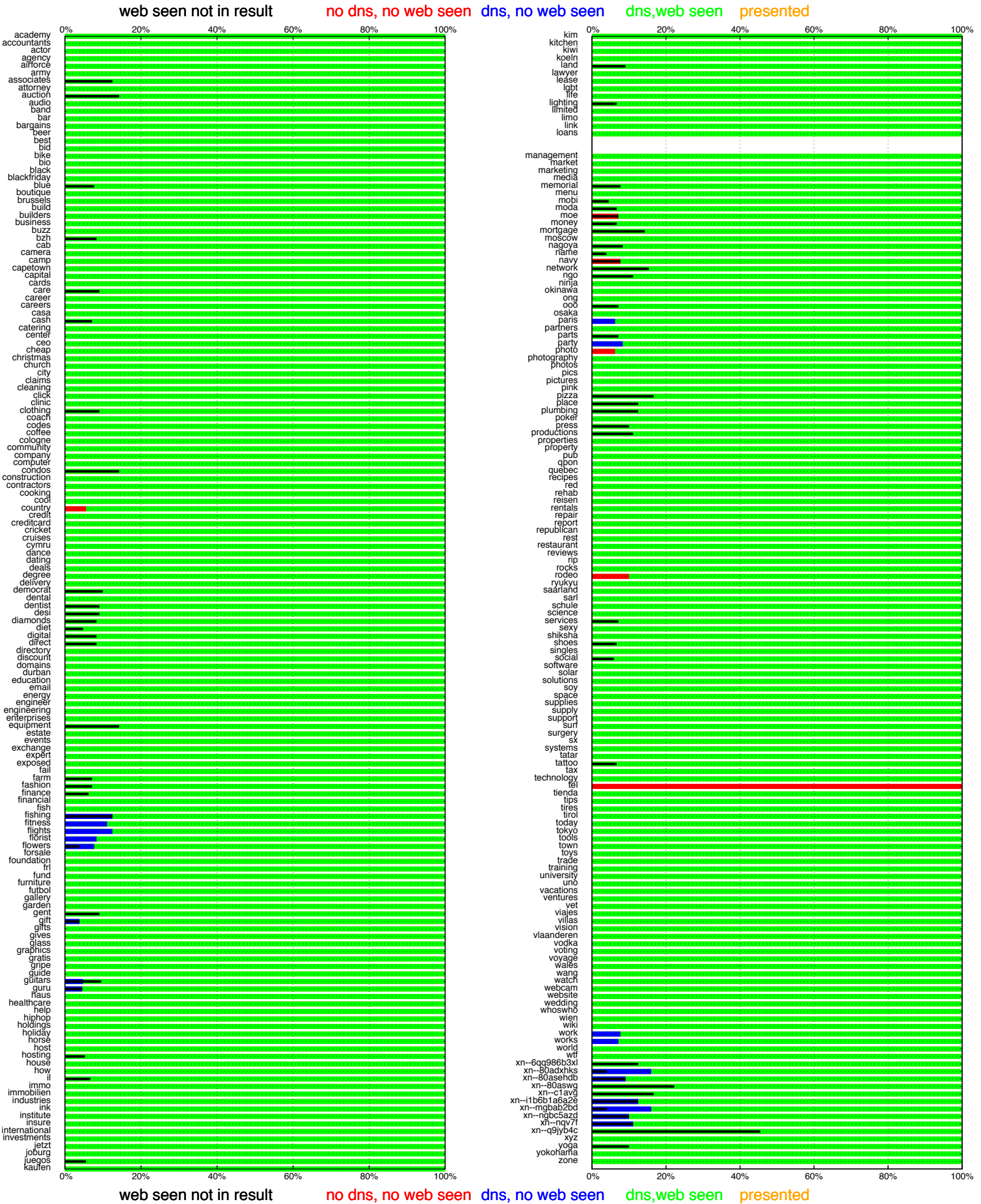
GN - Guinea - Samplecount: 2784



GN - Guinea - Samplecount: 2784

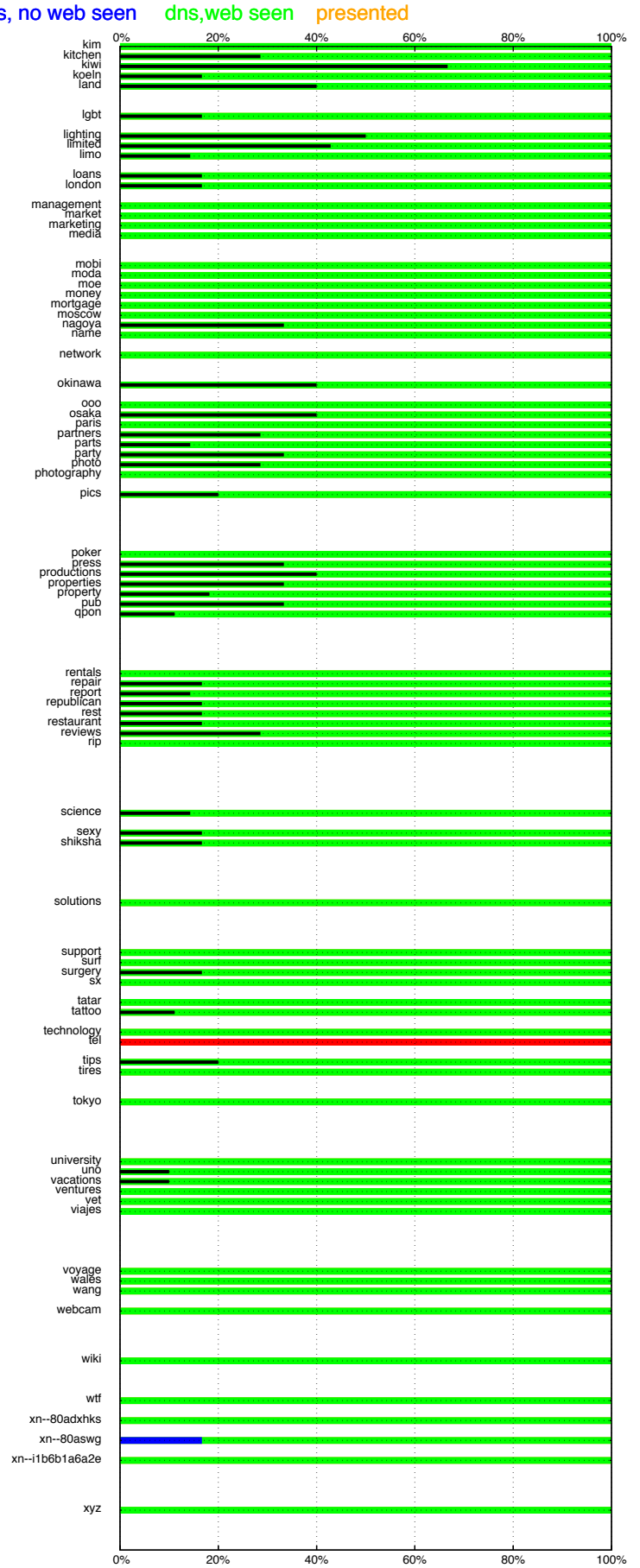
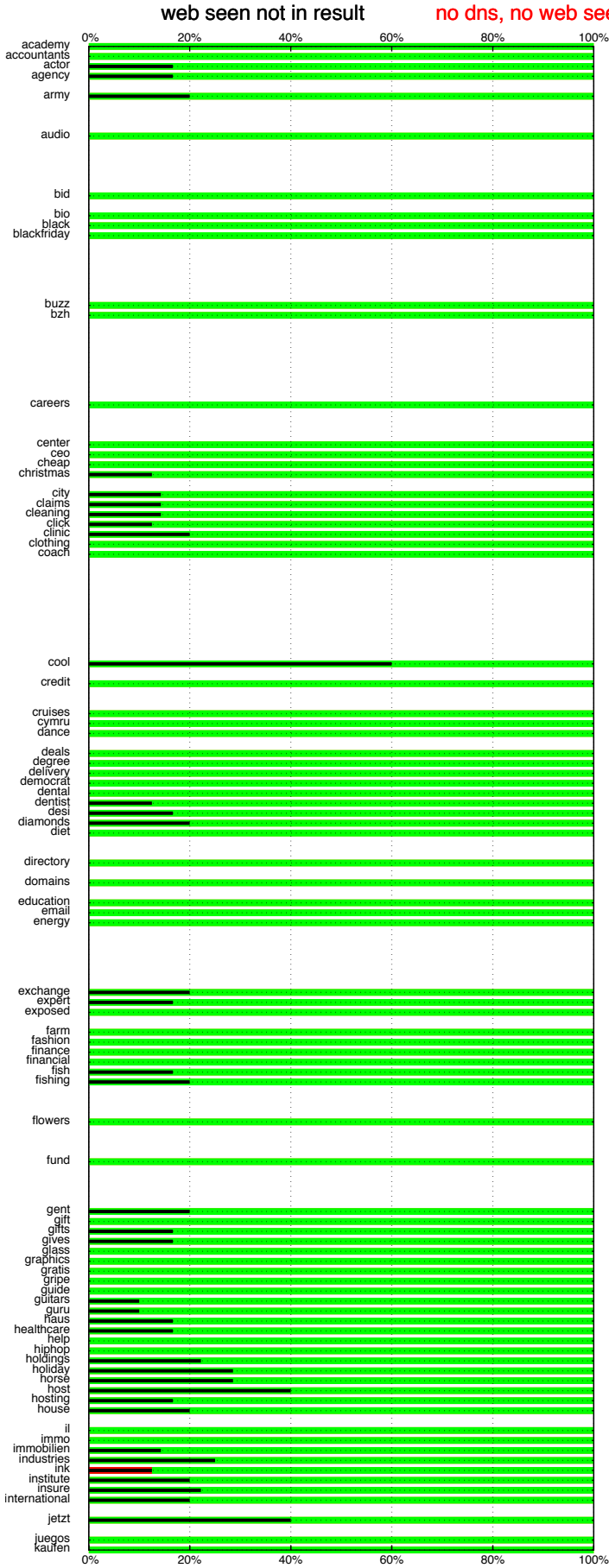


GP - Guadeloupe - Samplecount: 3377



GP - Guadeloupe - Samplecount: 3377

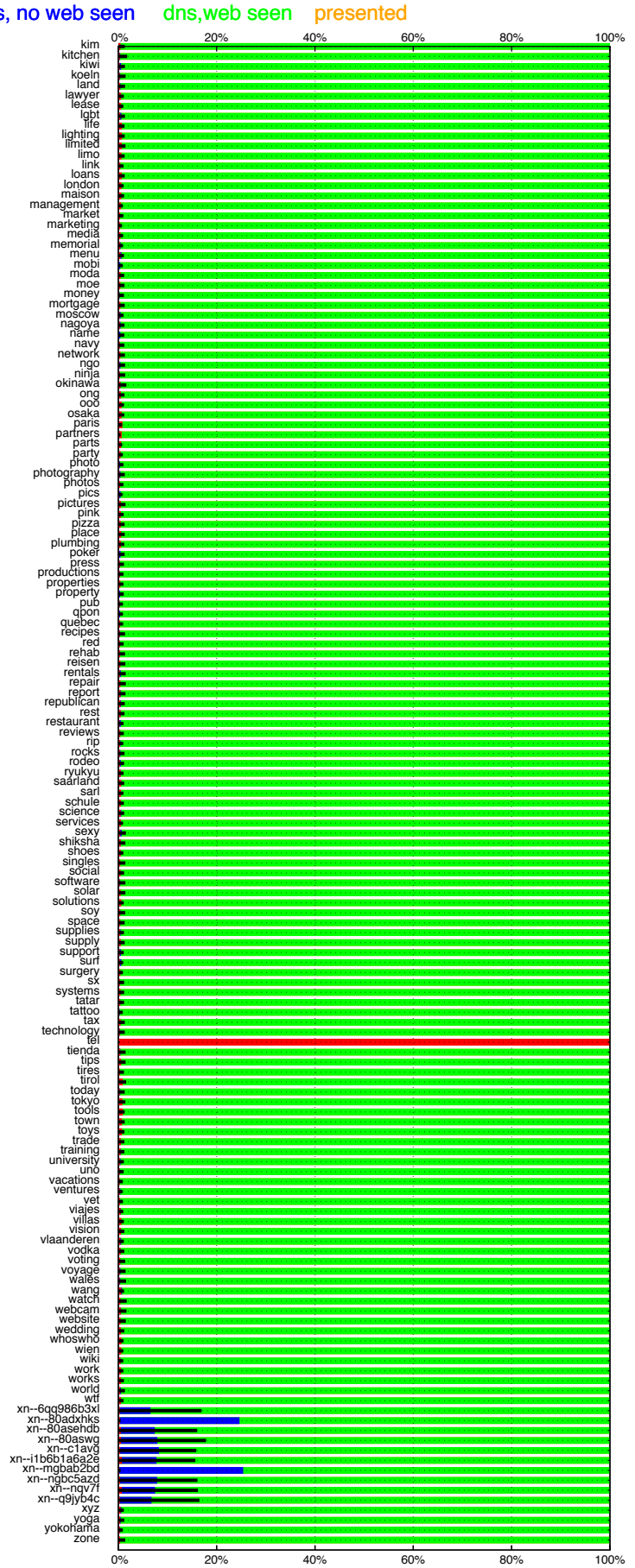
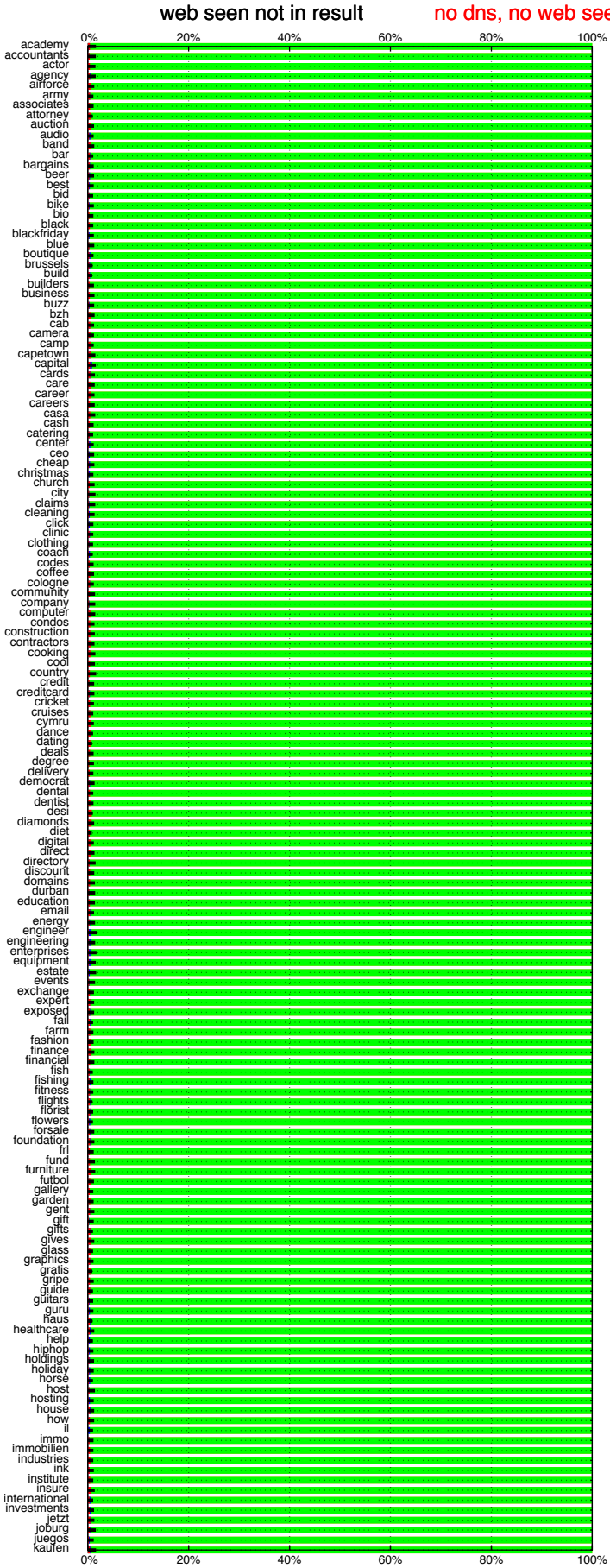
GQ - Equatorial Guinea - Samplecount: 1315



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

GQ - Equatorial Guinea - Samplecount: 1315

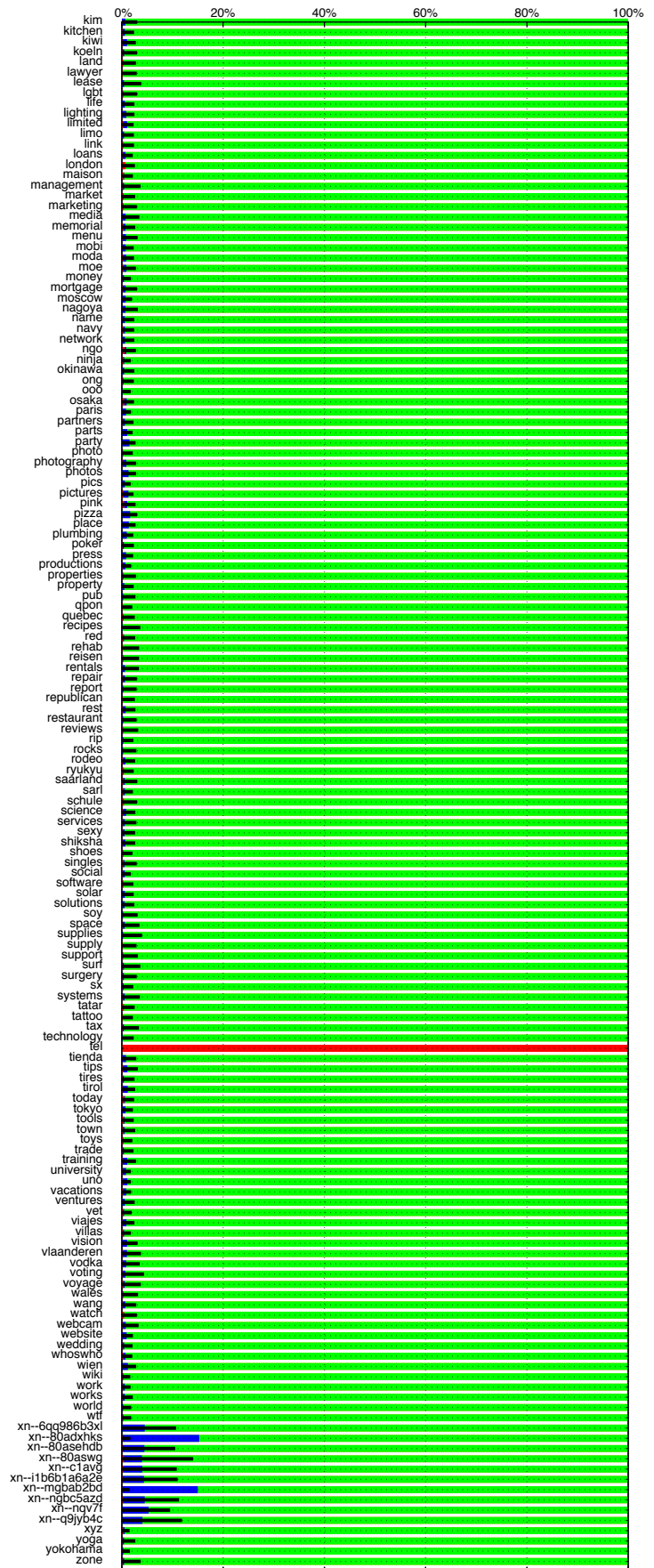
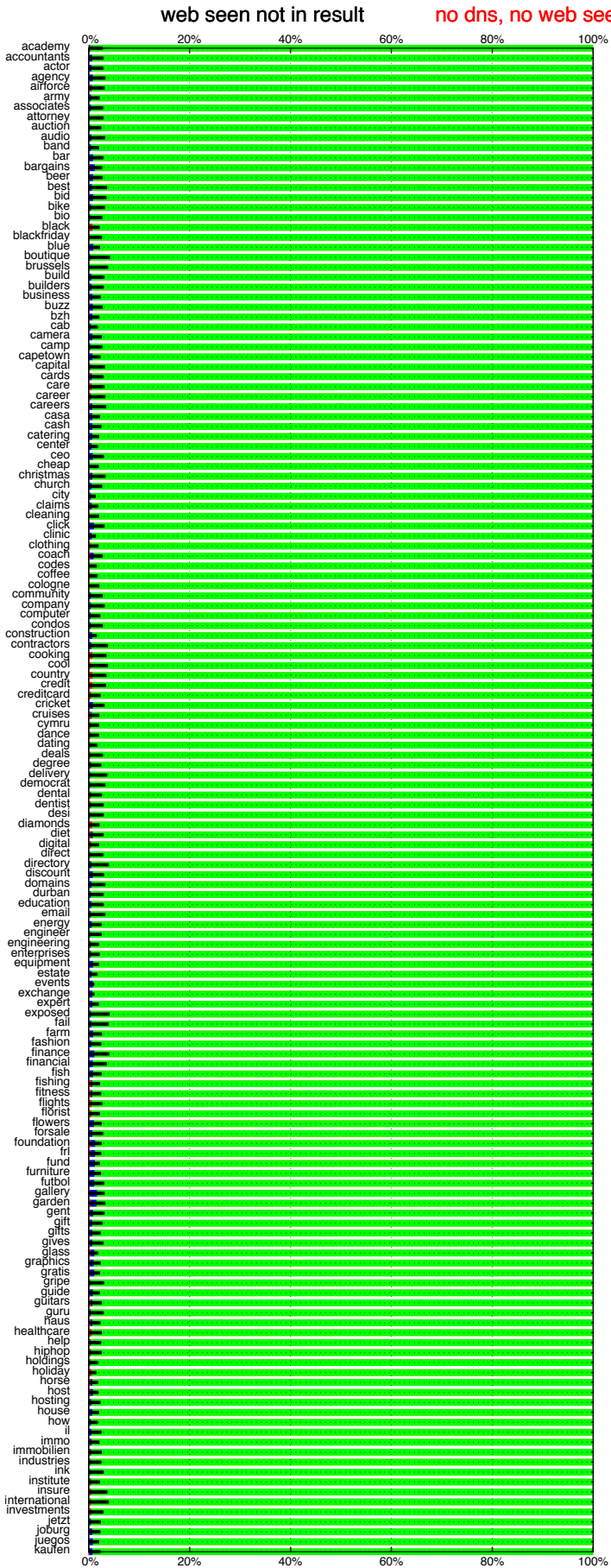
GR - Greece - Samplecount: 921521



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

GR - Greece - Samplecount: 921521

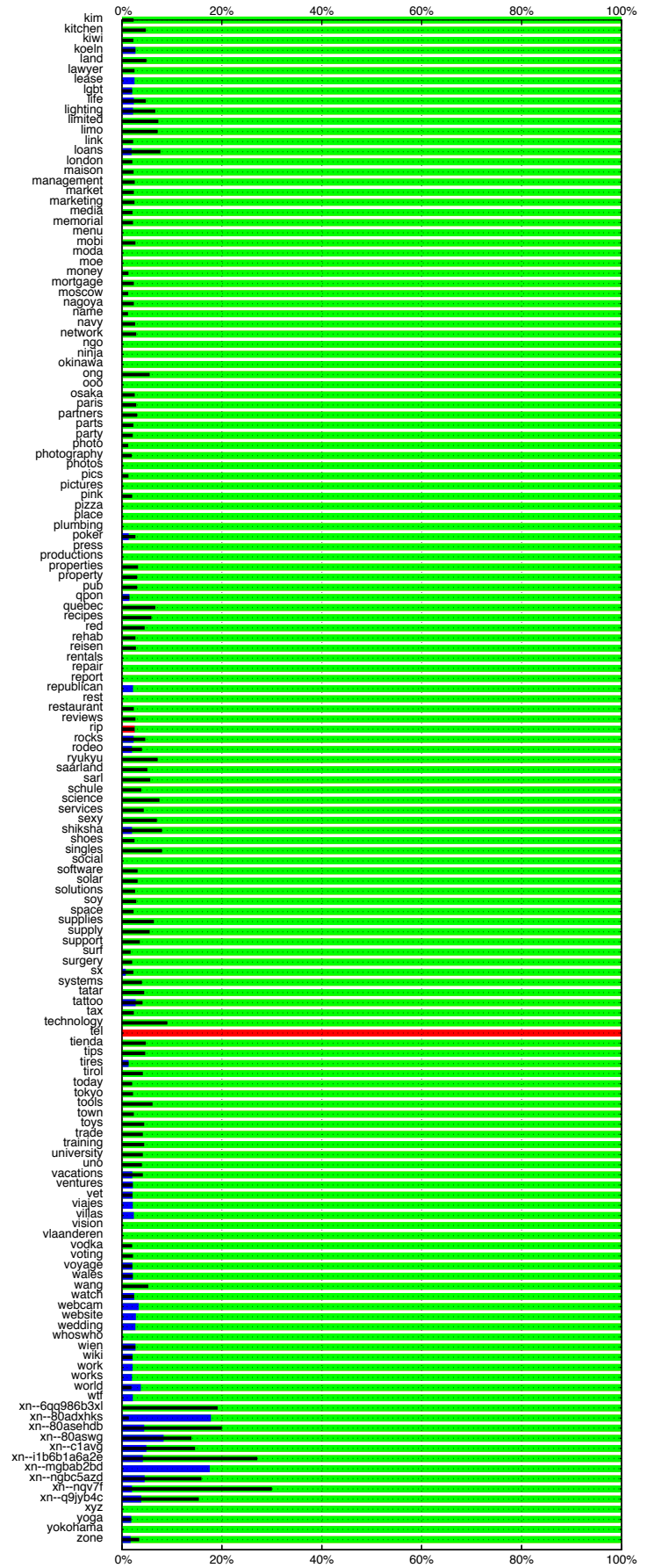
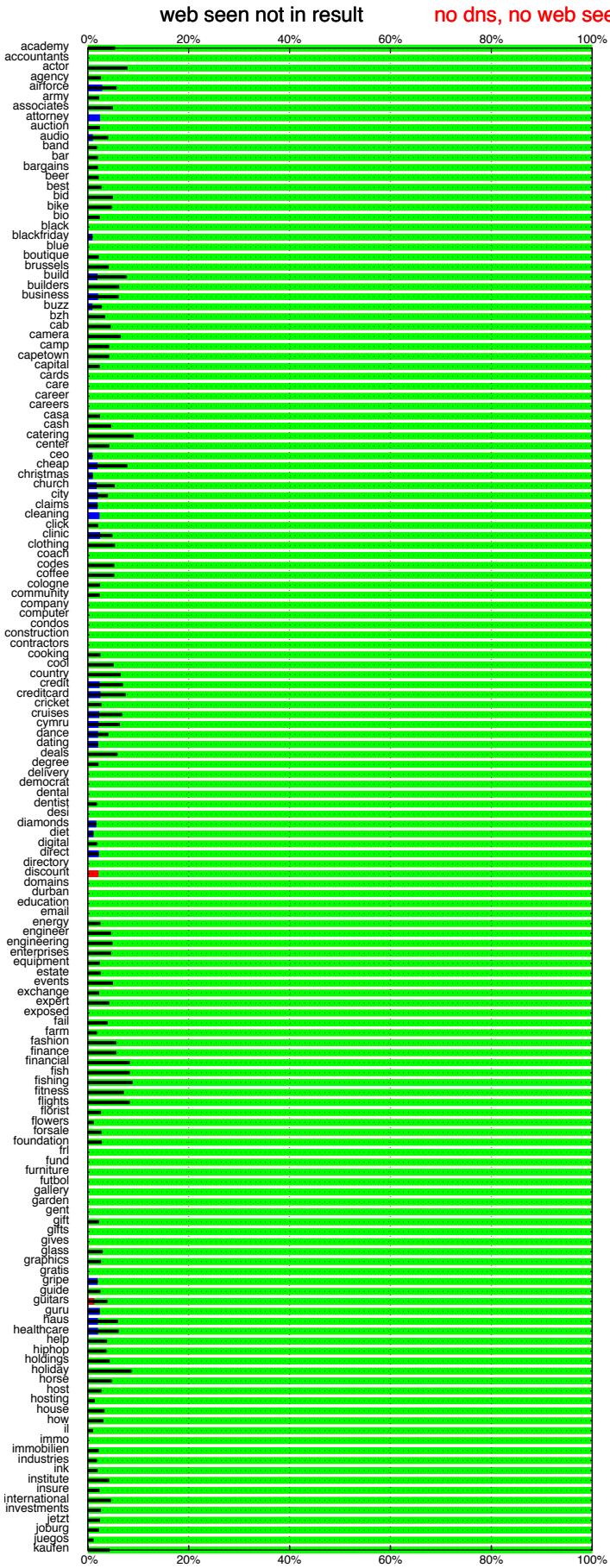
GT - Guatemala - Samplecount: 222379



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

GT - Guatemala - Samplecount: 222379

GU - Guam - Samplecount: 14176



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

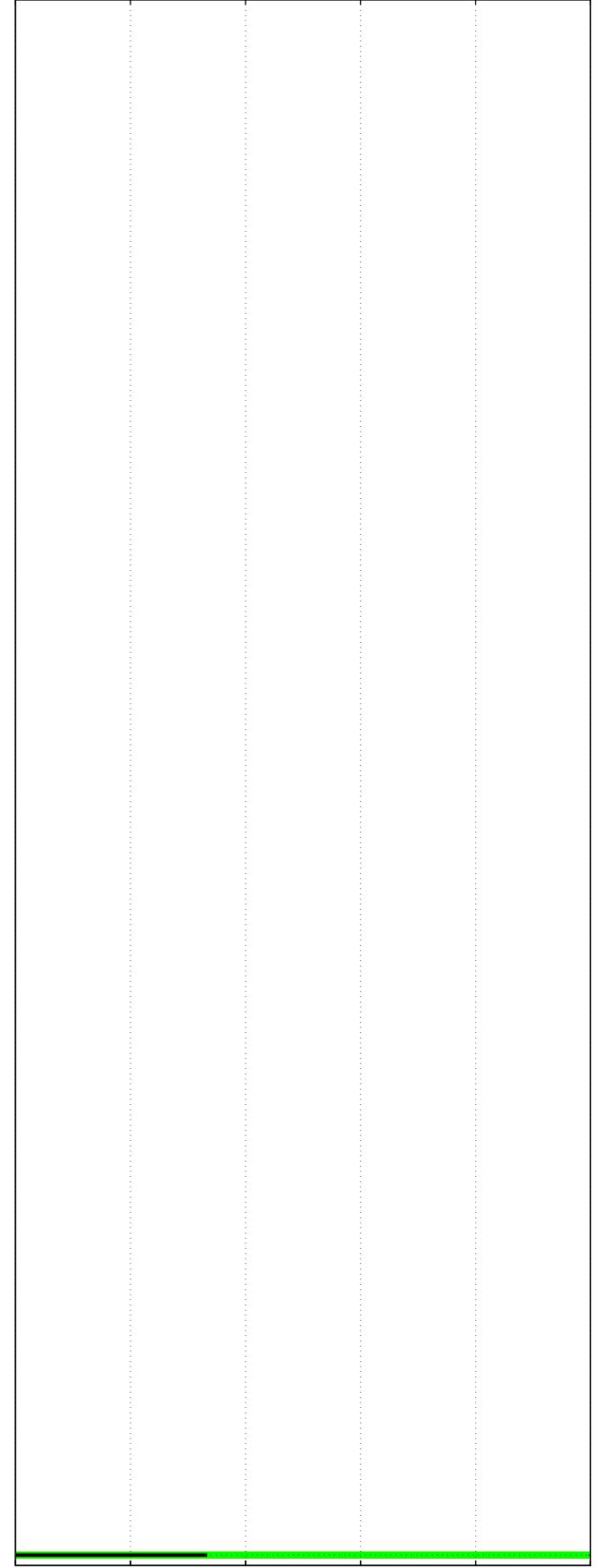
GU - Guam - Samplecount: 14176

GW - Guinea-Bissau - Samplecount: 338

web seen not in result

no dns, no web seen dns, no web seen dns,web seen presented

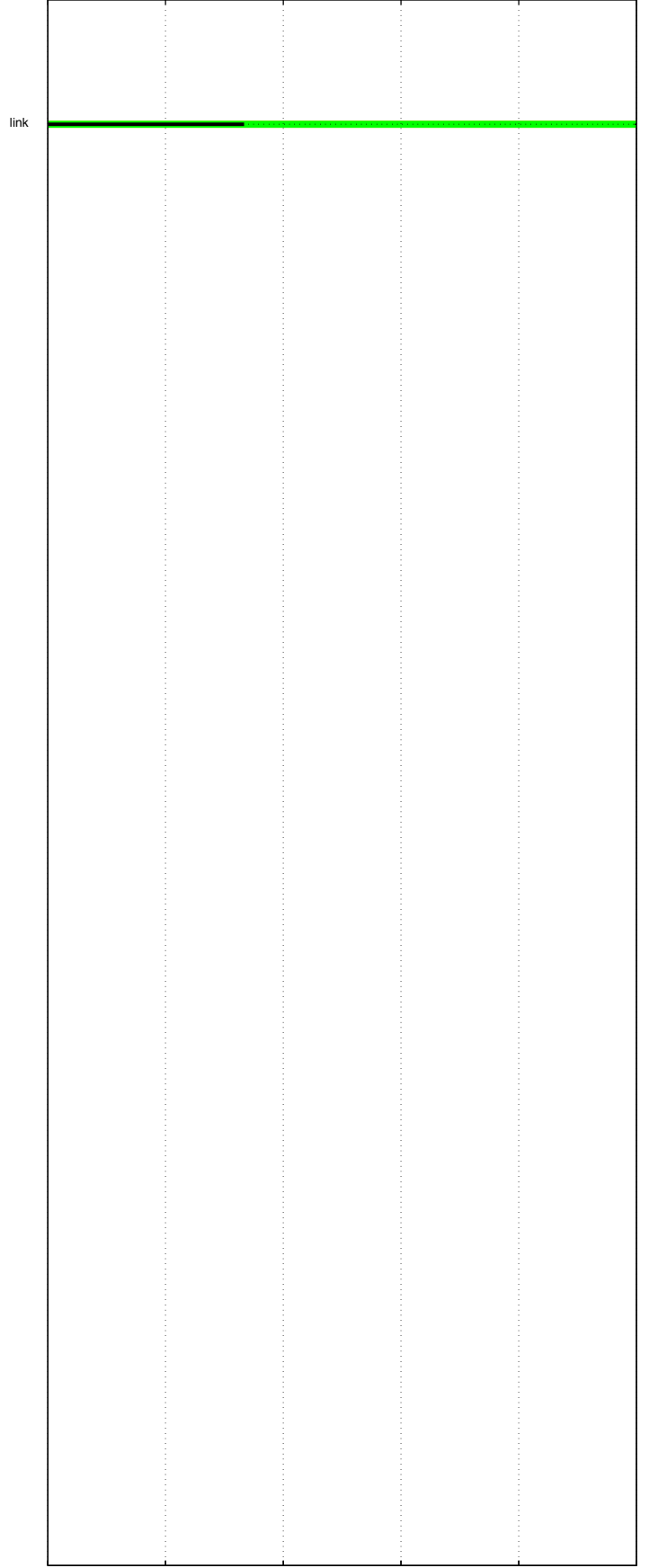
0% 20% 40% 60% 80% 100%



0% 20% 40% 60% 80% 100%

web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

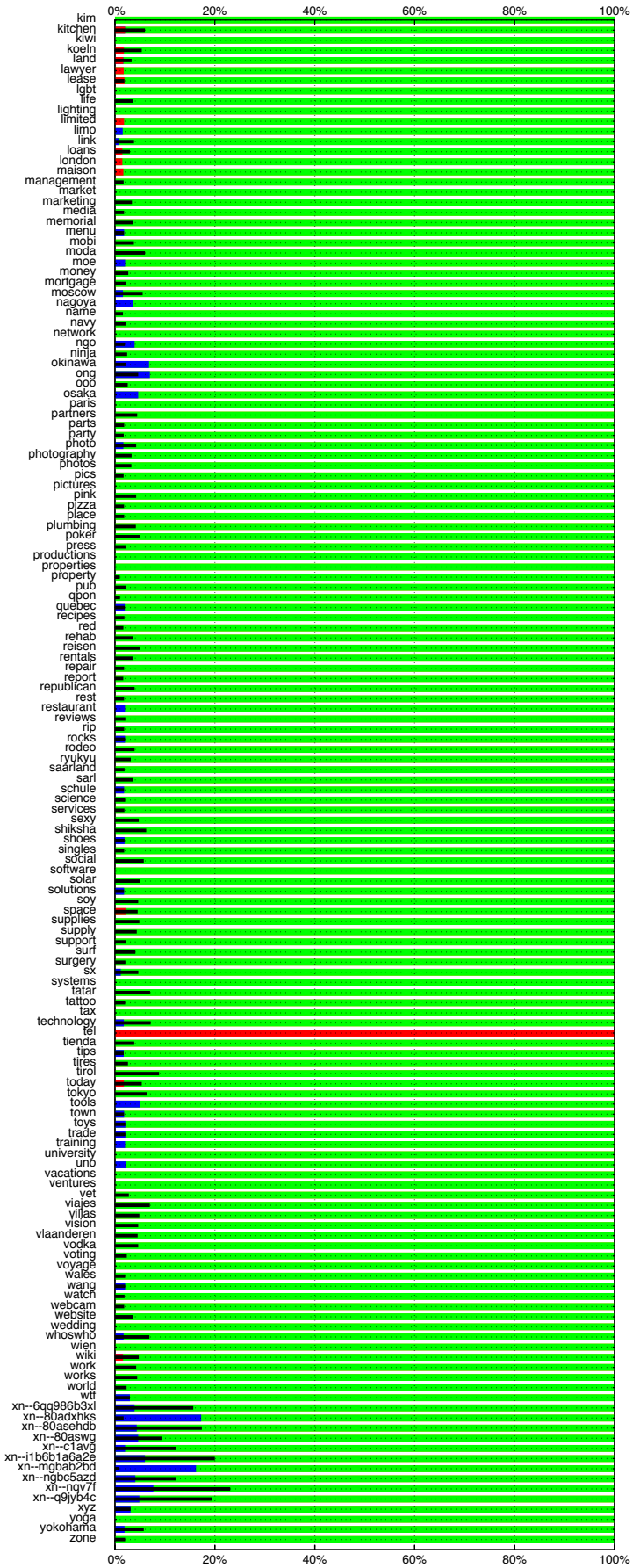
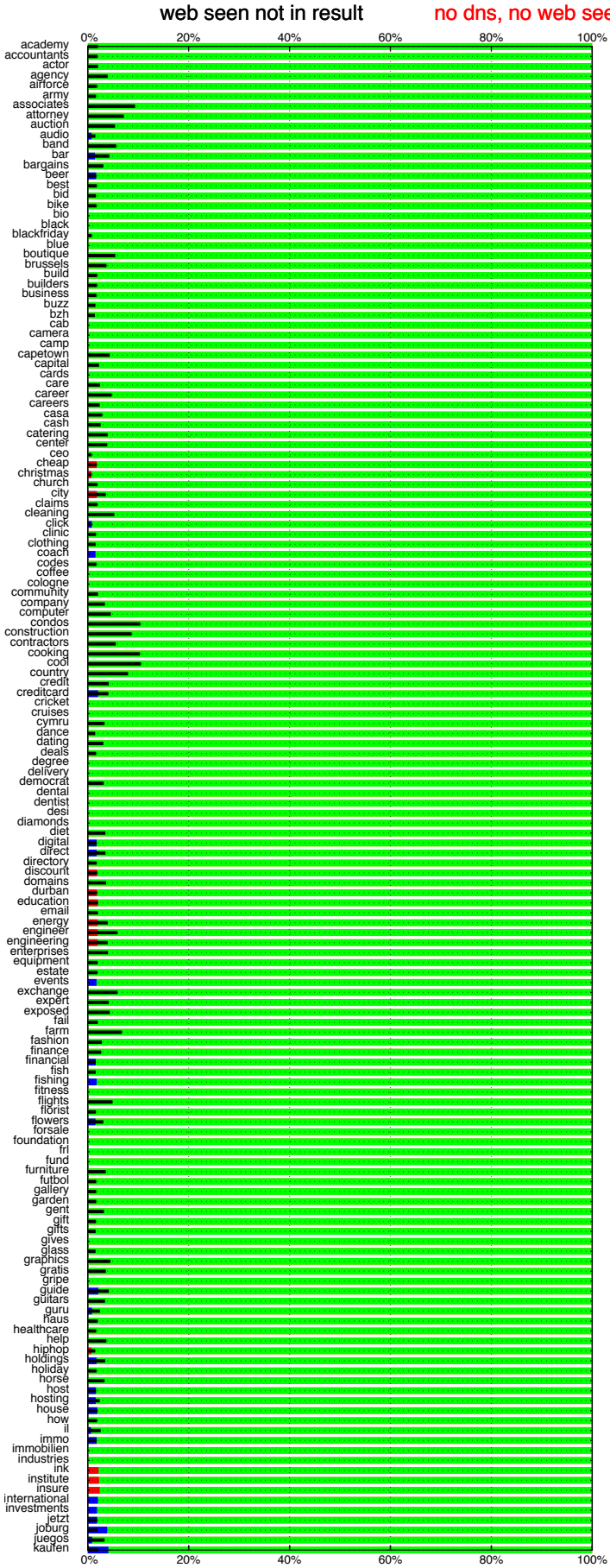
0% 20% 40% 60% 80% 100%



0% 20% 40% 60% 80% 100%

GW - Guinea-Bissau - Samplecount: 338

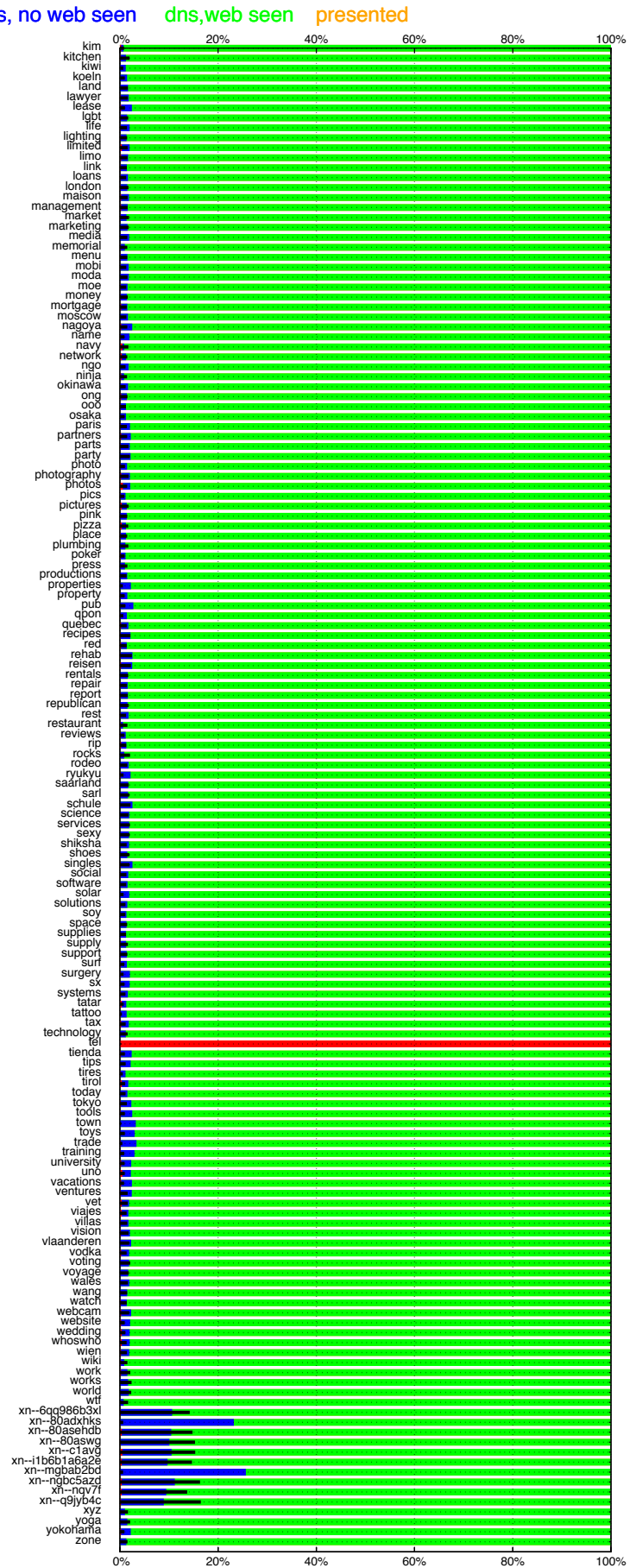
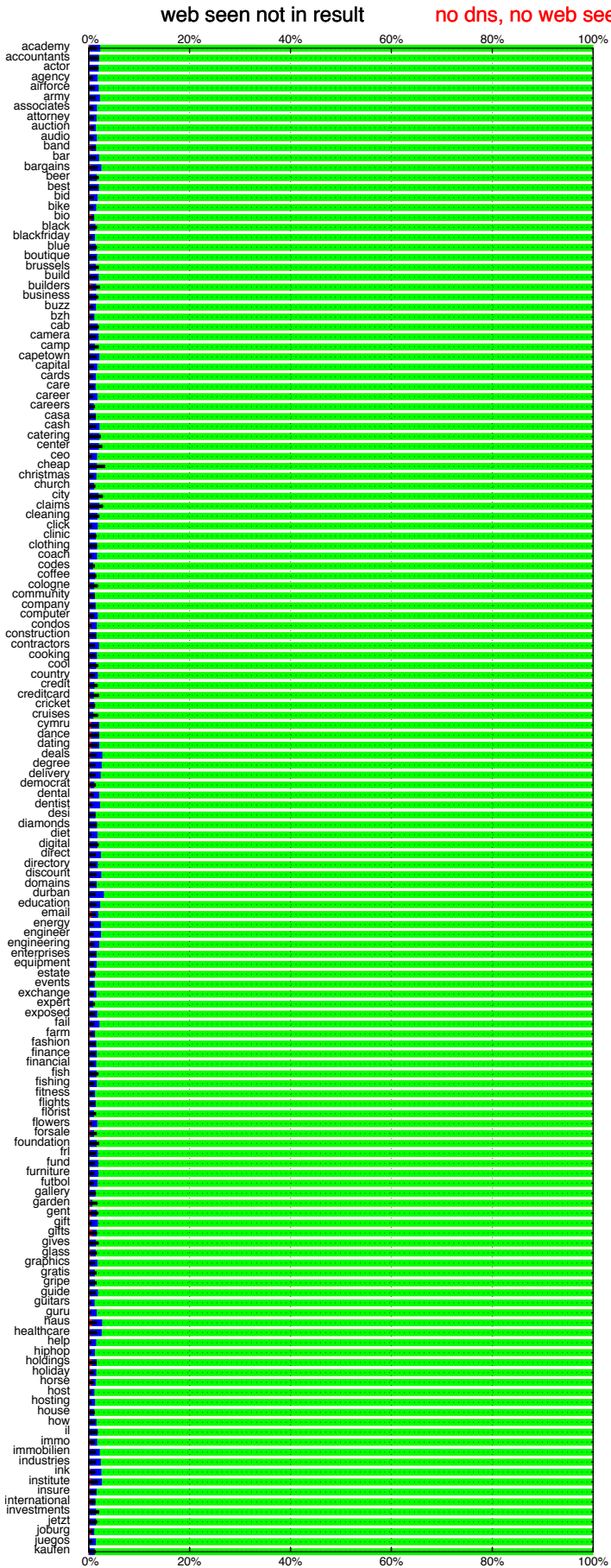
GY - Guyana - Samplecount: 18052



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

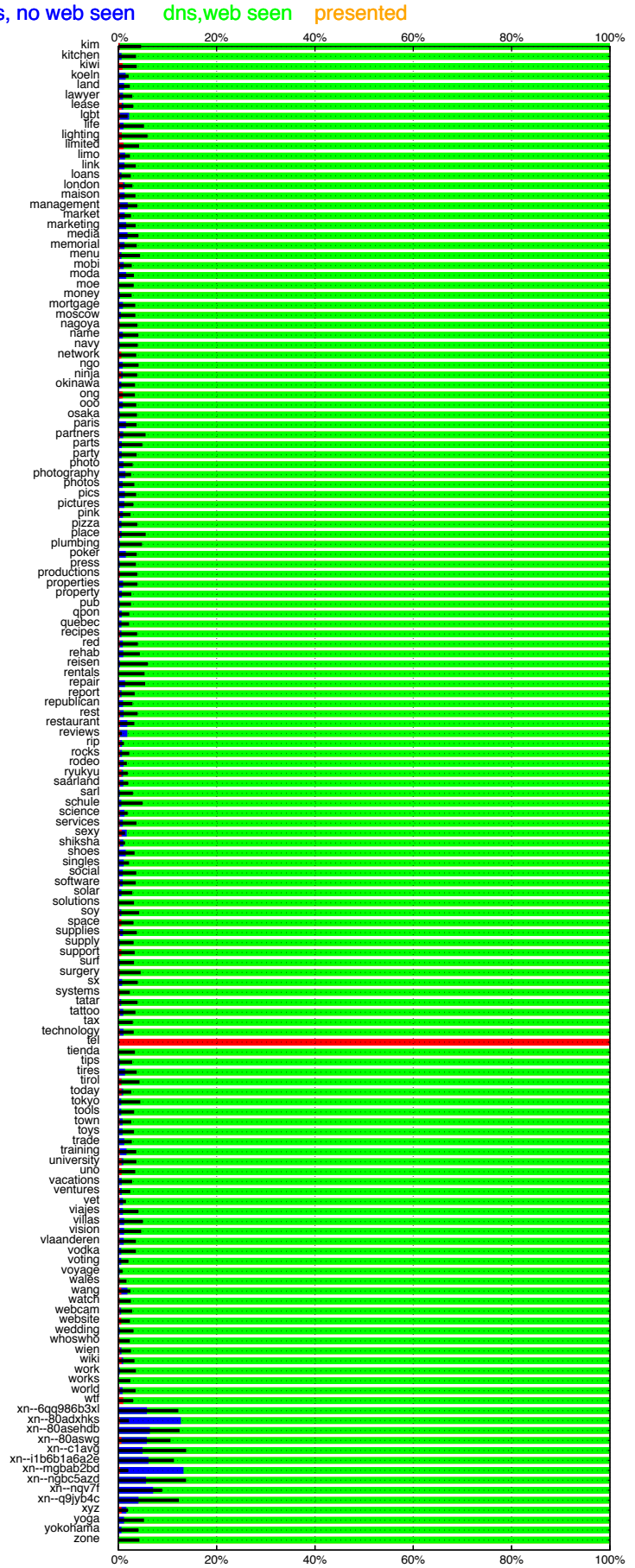
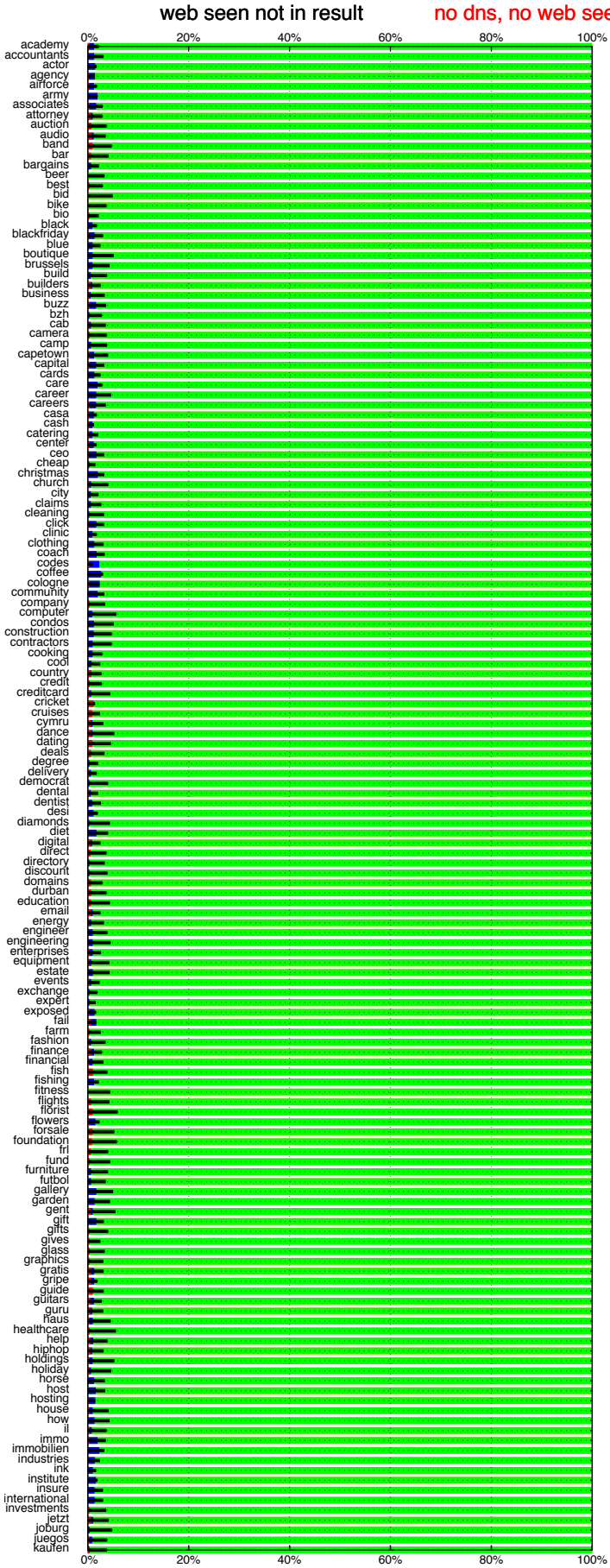
GY - Guyana - Samplecount: 18052

HK - Hong Kong - Samplecount: 269221



HK - Hong Kong - Samplecount: 269221

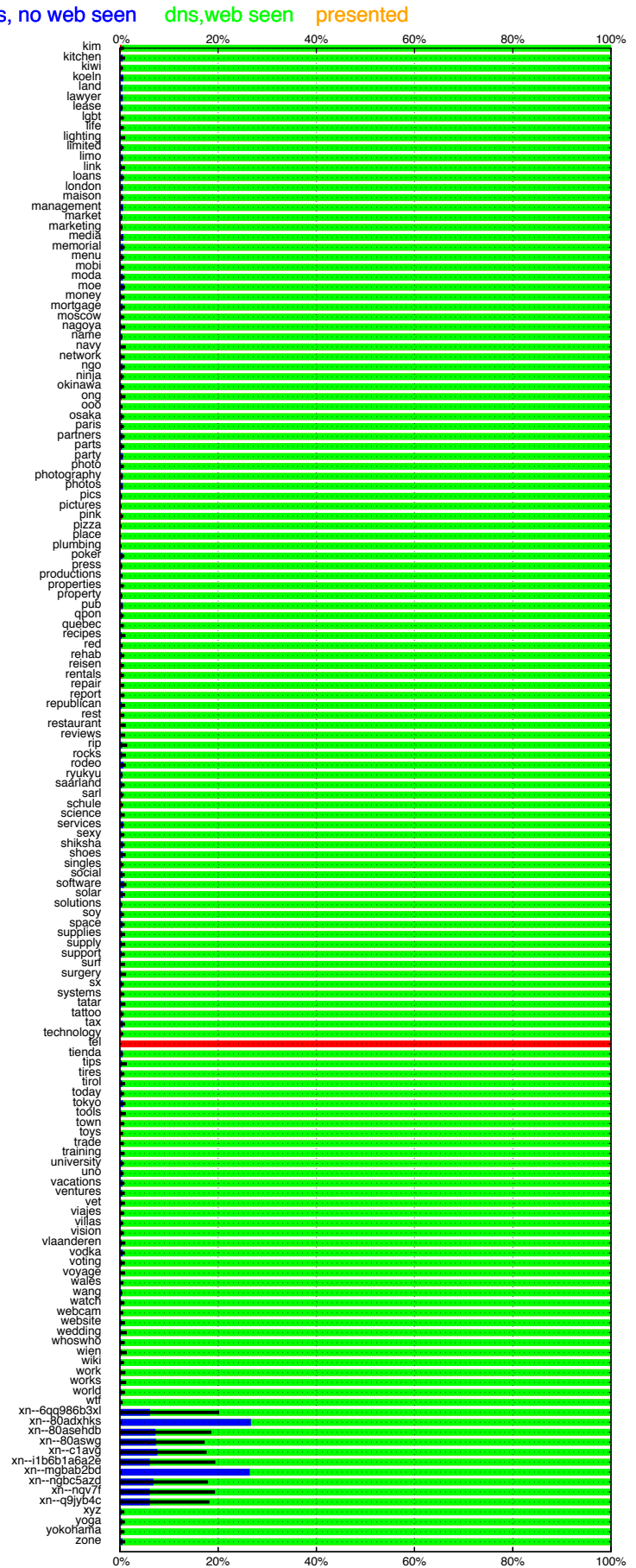
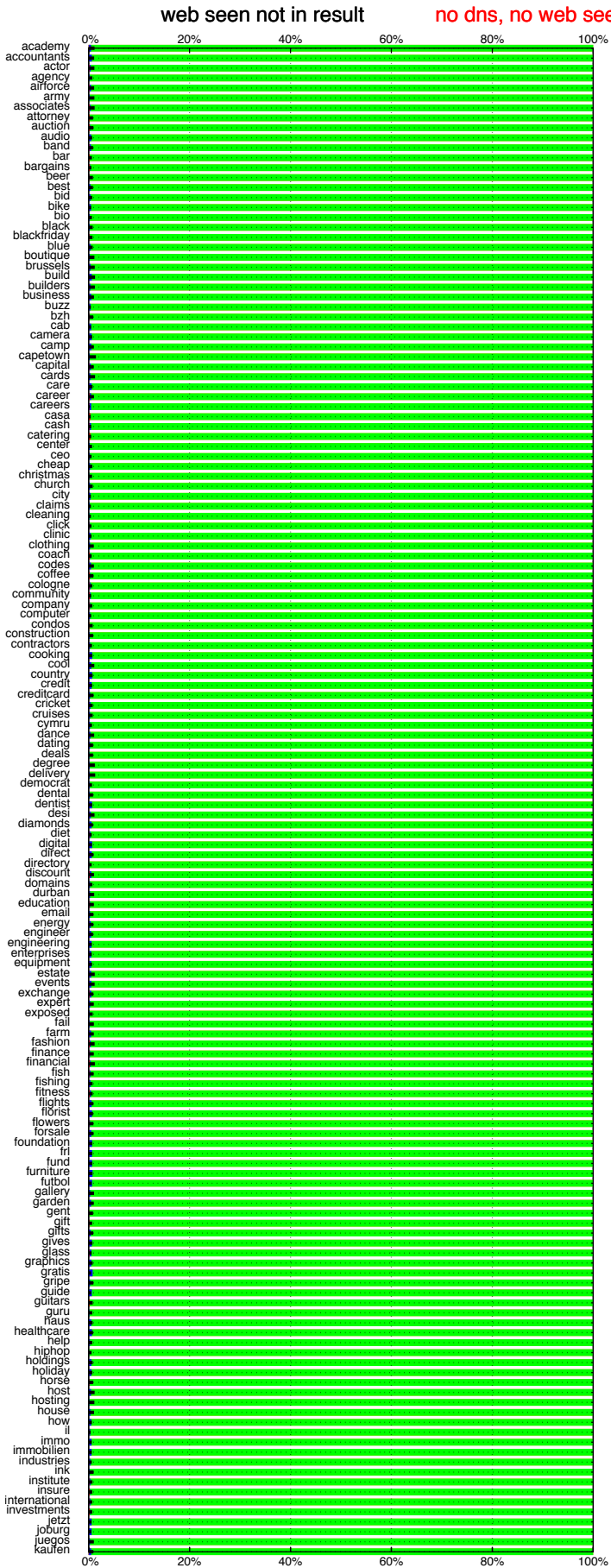
HN - Honduras - Samplecount: 101581



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

HN - Honduras - Samplecount: 101581

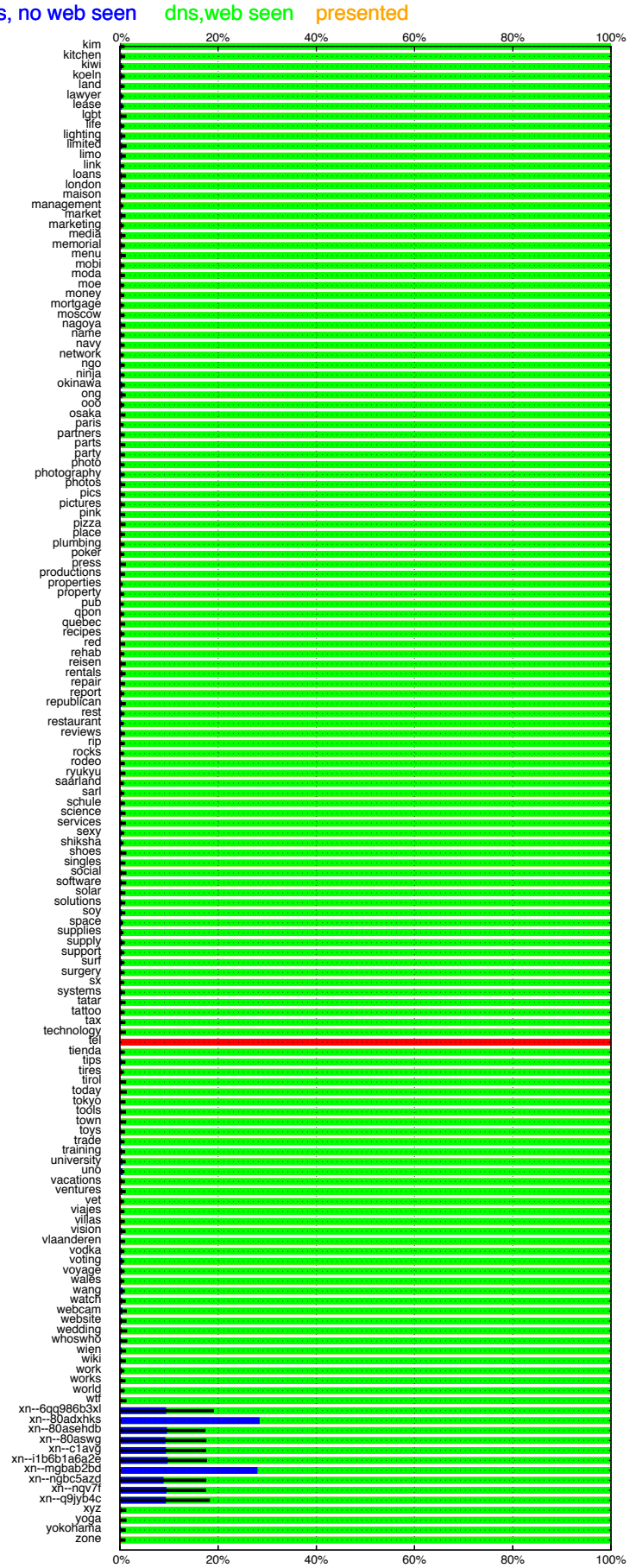
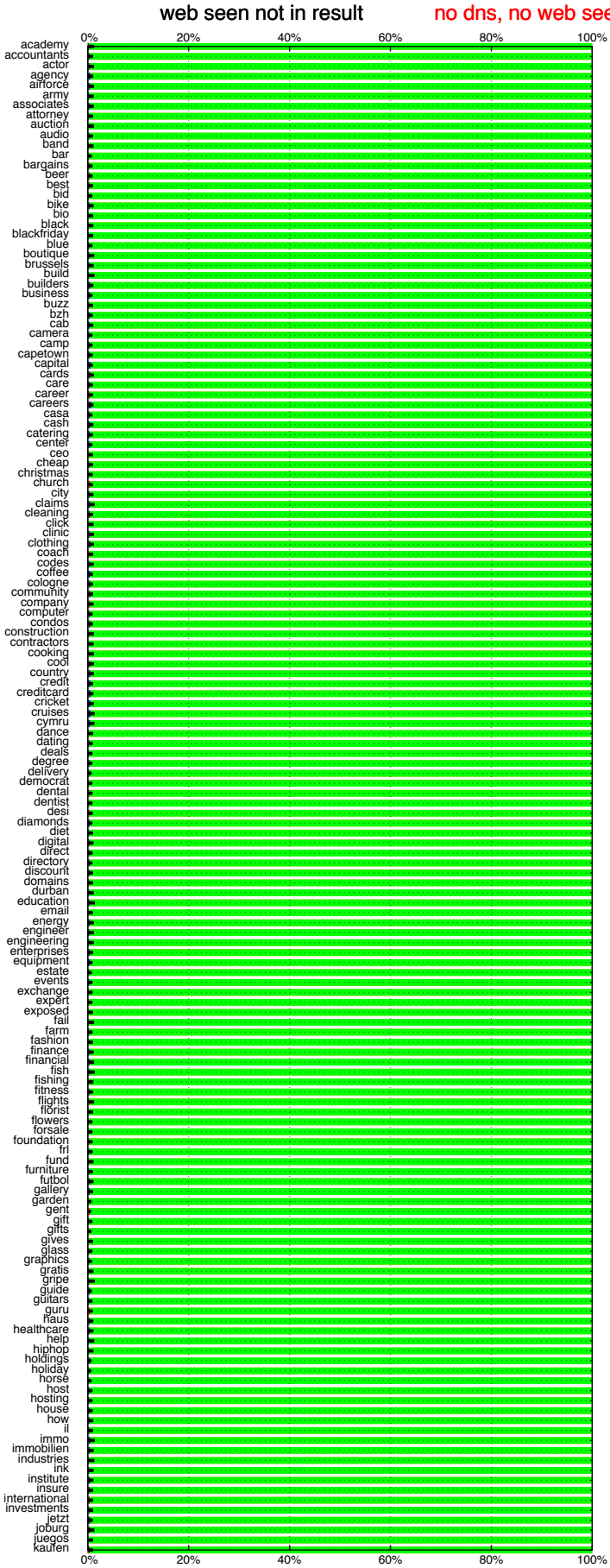
HR - Croatia - Samplecount: 455601



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

HR - Croatia - Samplecount: 455601

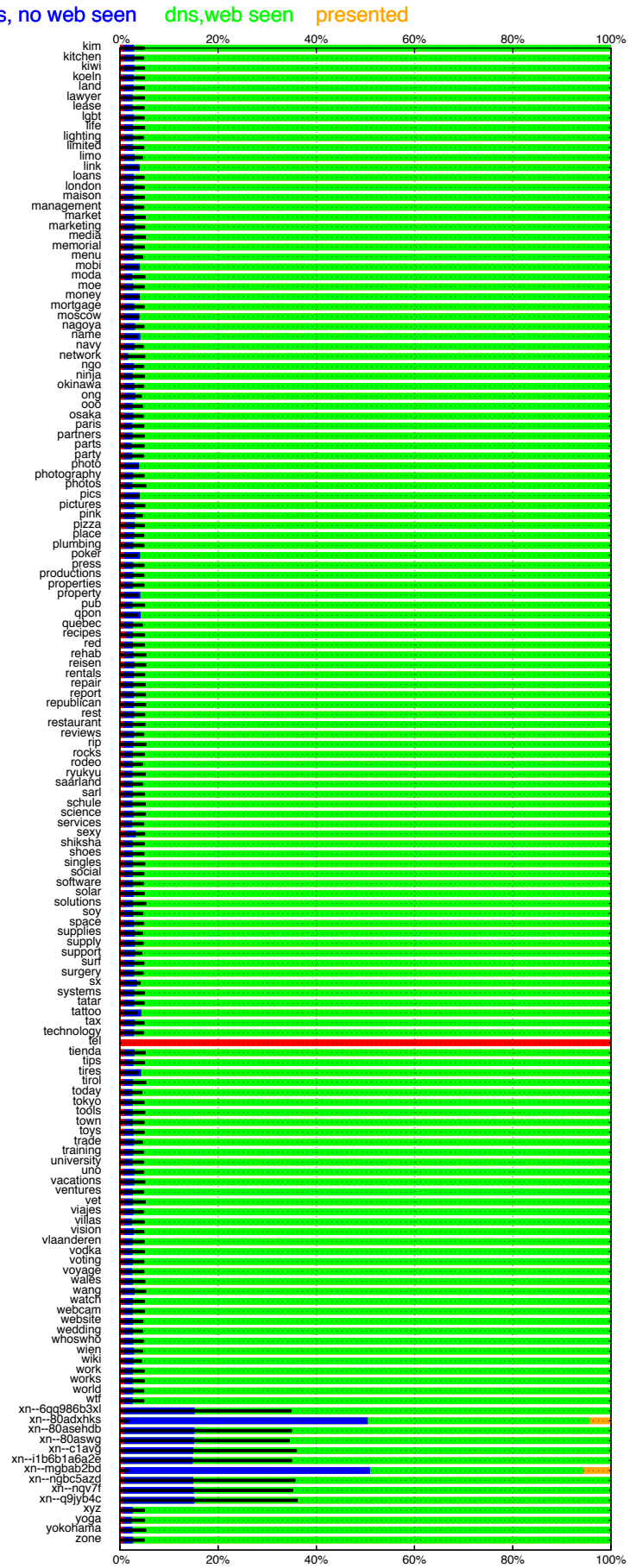
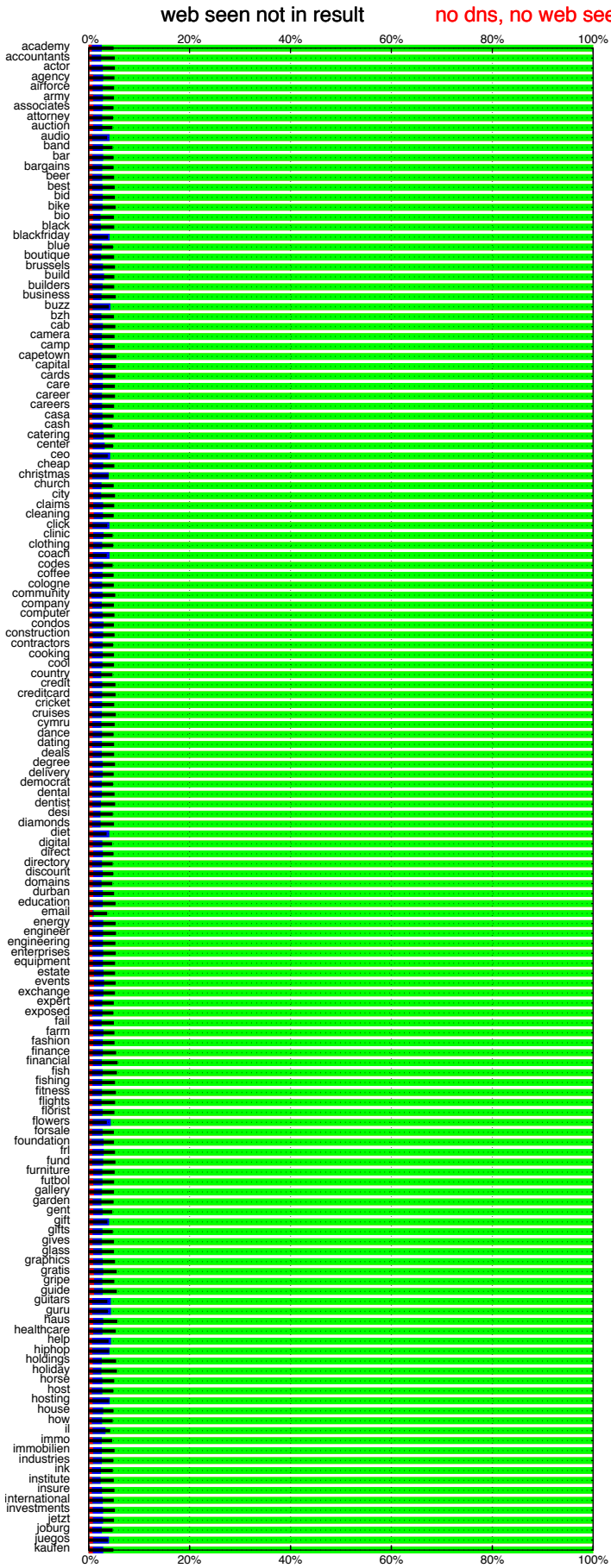
HU - Hungary - Samplecount: 859506



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

HU - Hungary - Samplecount: 859506

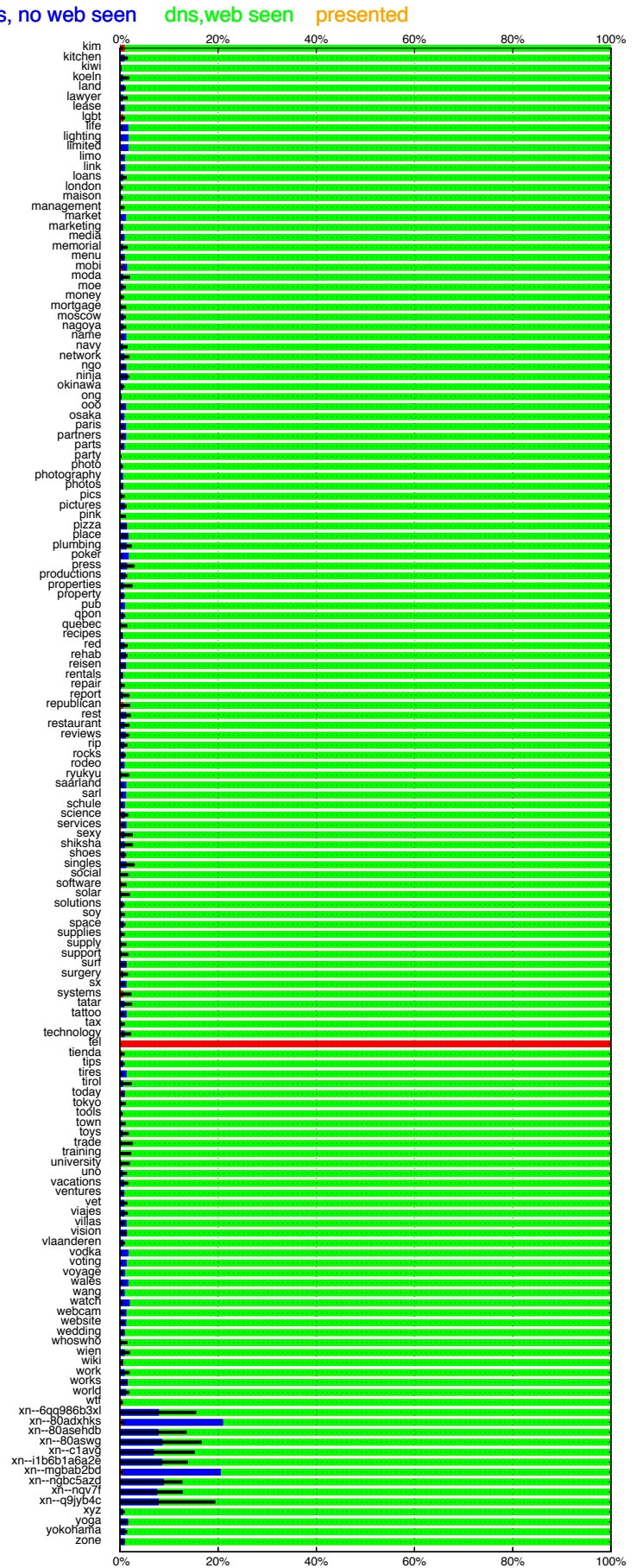
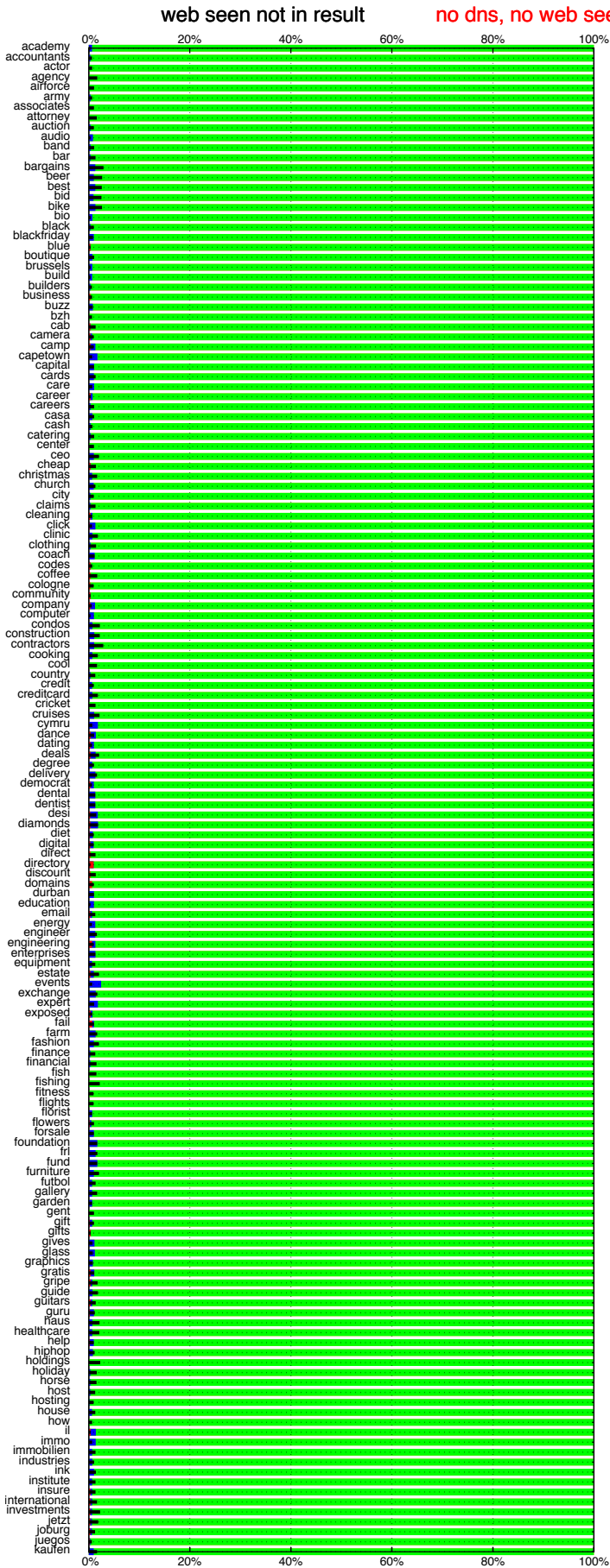
ID - Indonesia - Samplecount: 3208521



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

ID - Indonesia - Samplecount: 3208521

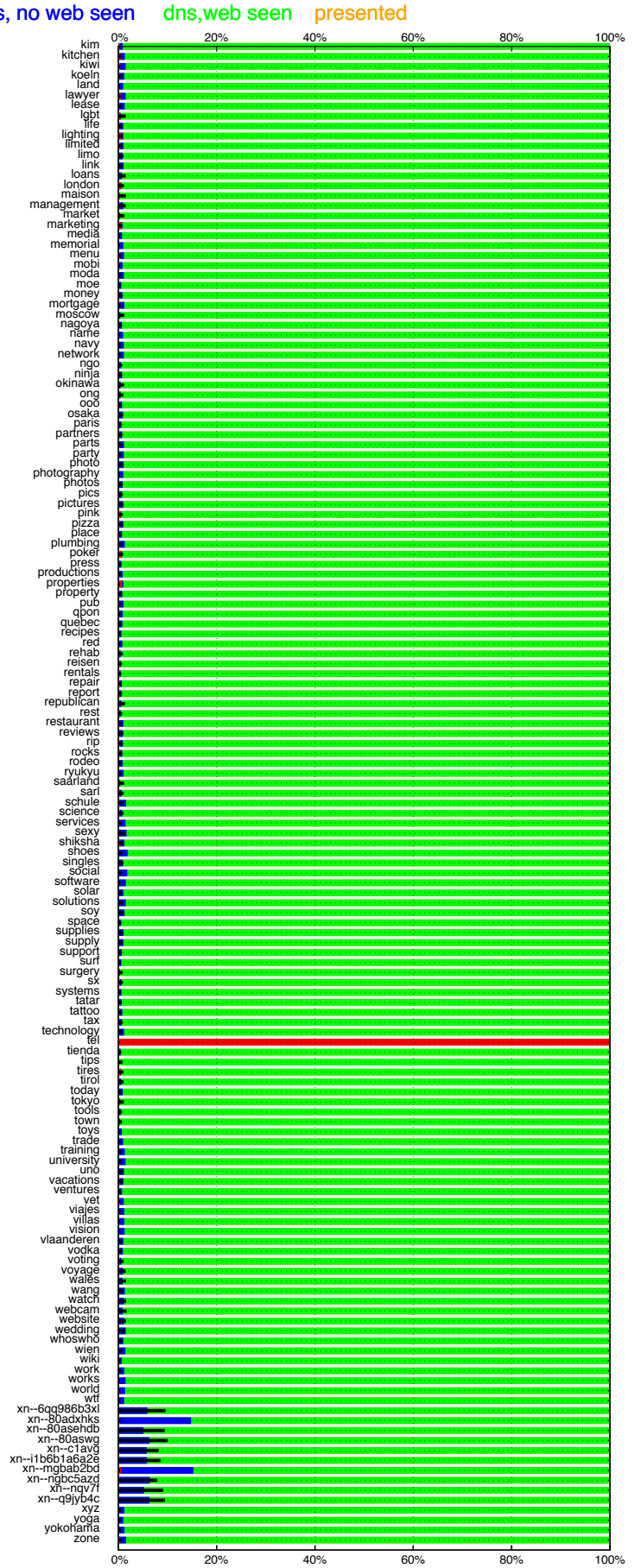
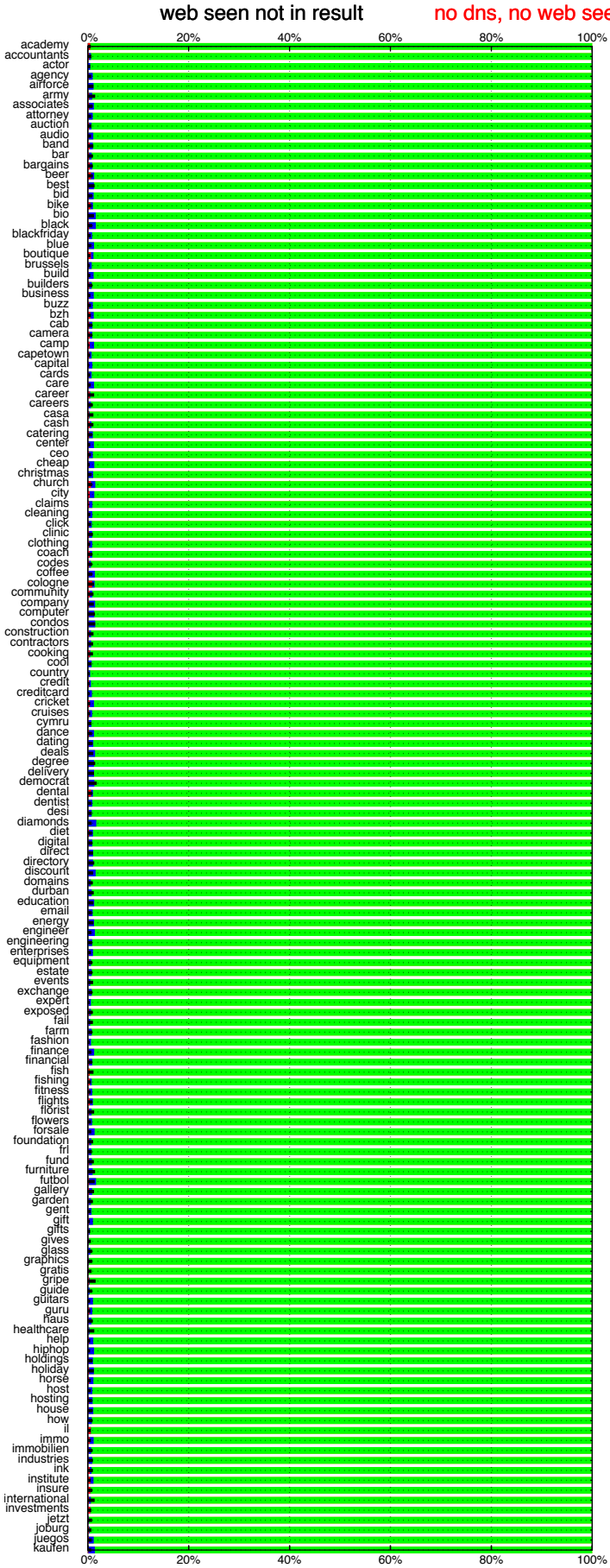
IE - Ireland - Samplecount: 100762



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

IE - Ireland - Samplecount: 100762

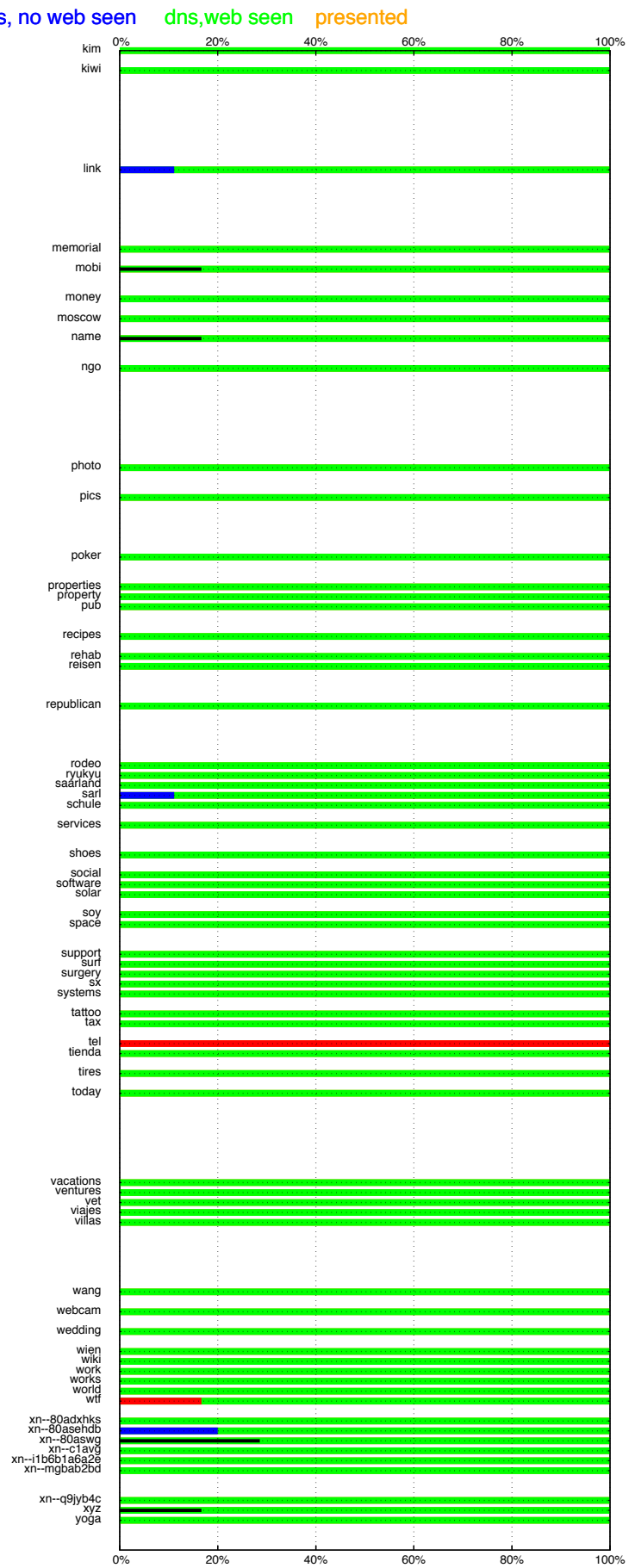
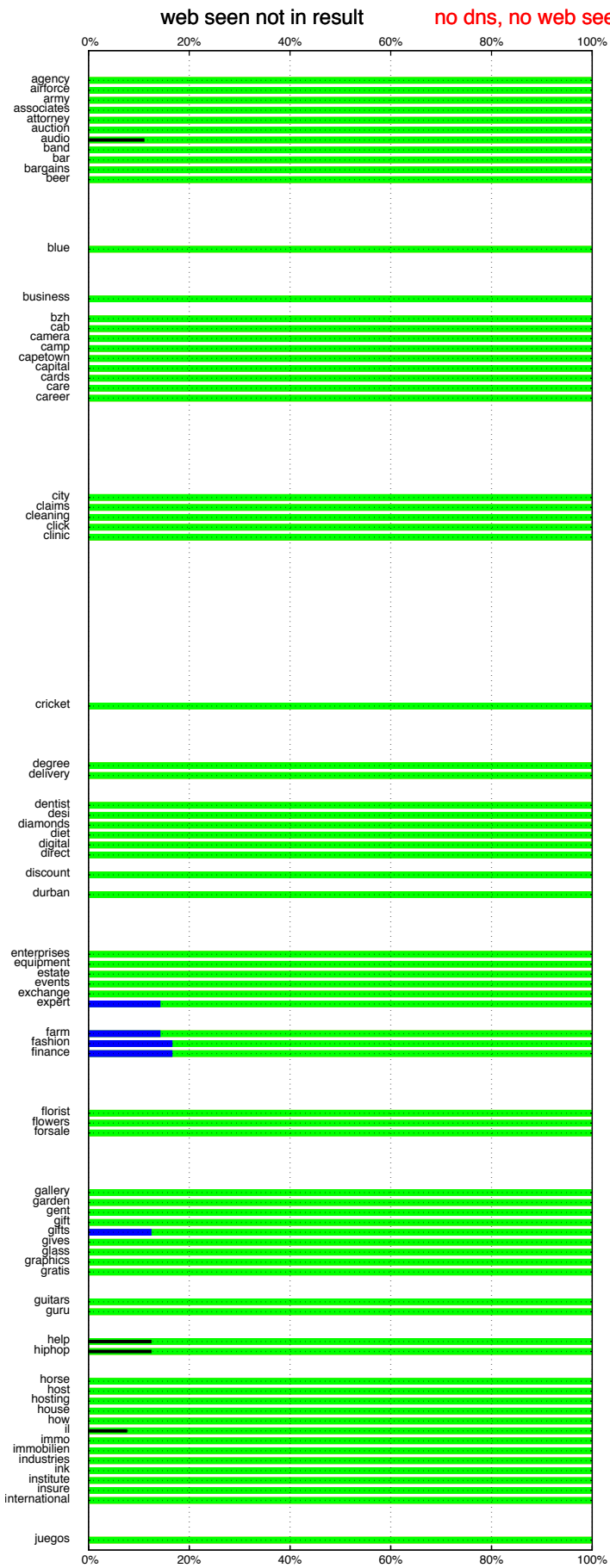
IL - Israel - Samplecount: 269460



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

IL - Israel - Samplecount: 269460

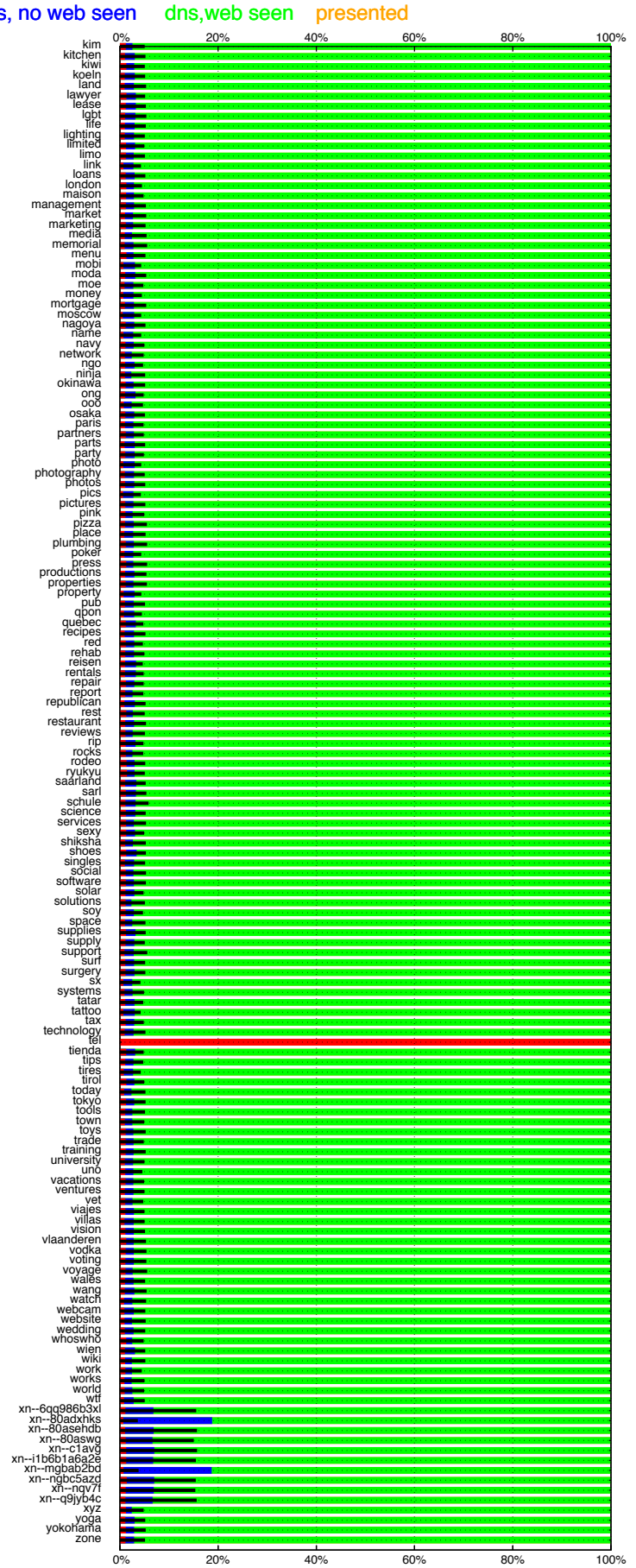
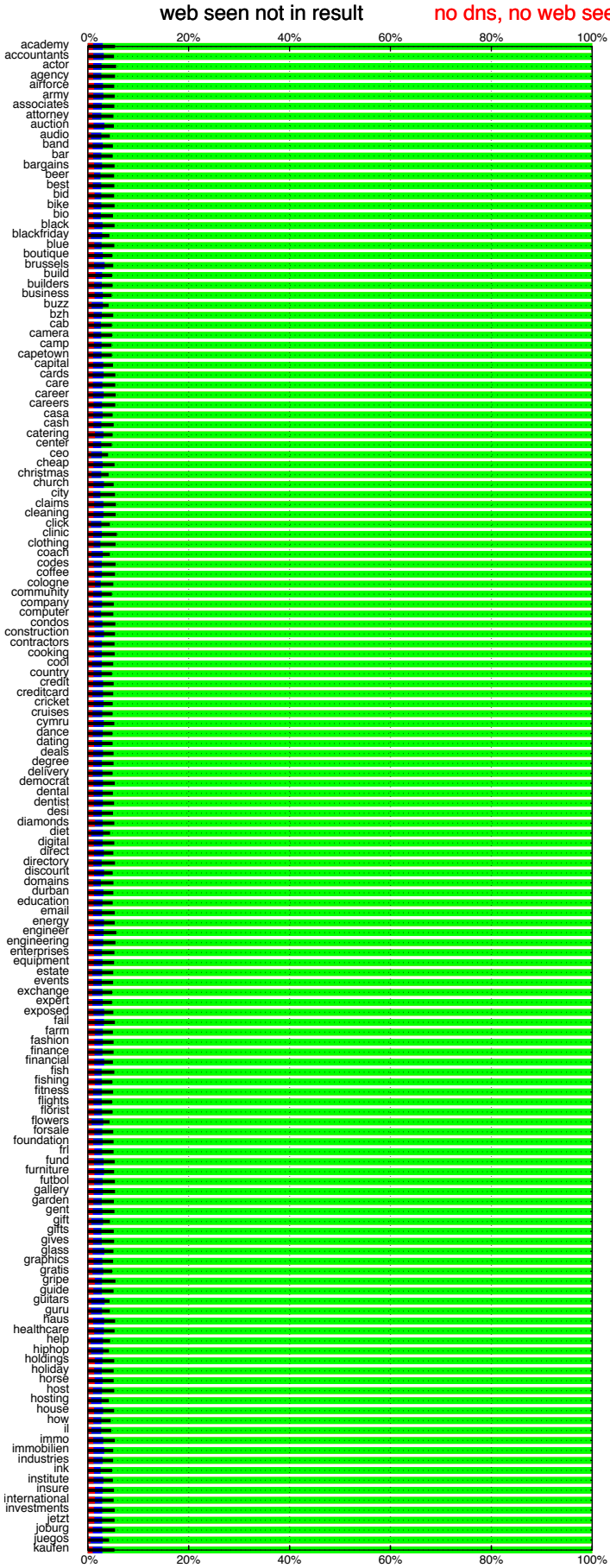
IM - Isle of Man - Samplecount: 1339



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

IM - Isle of Man - Samplecount: 1339

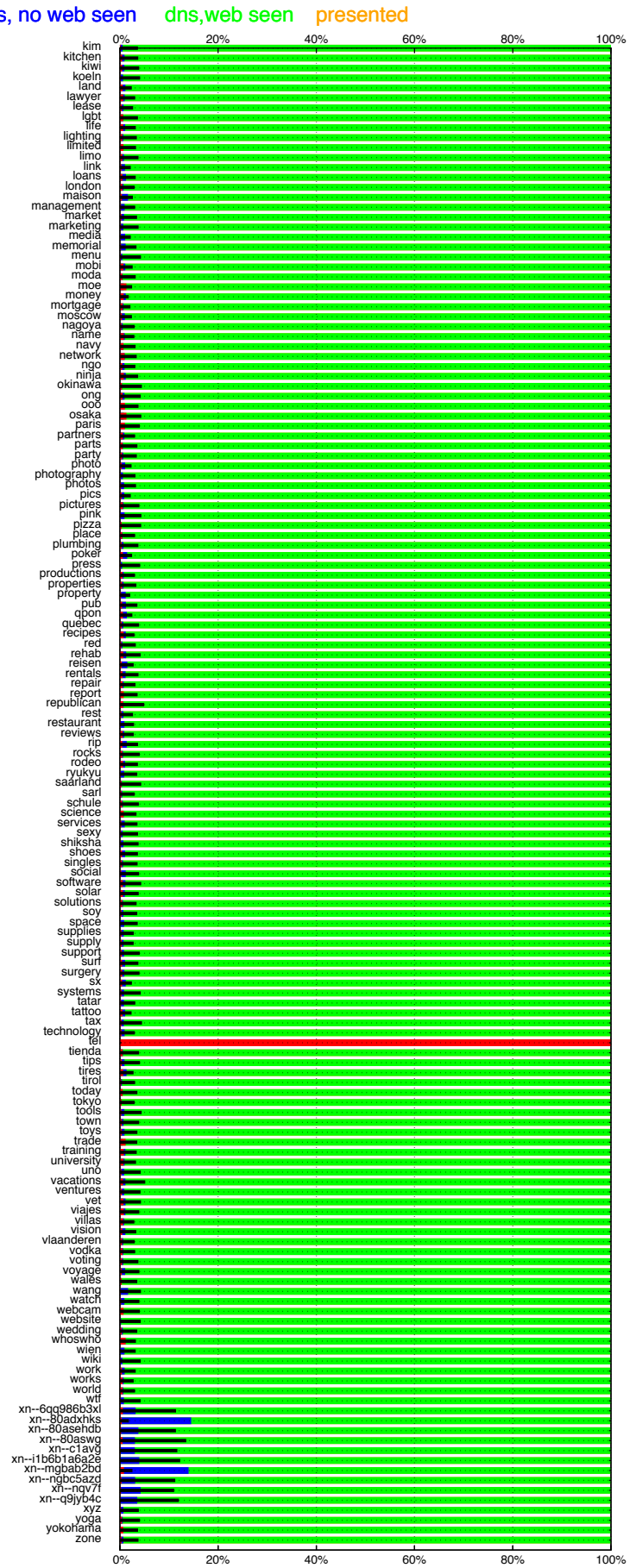
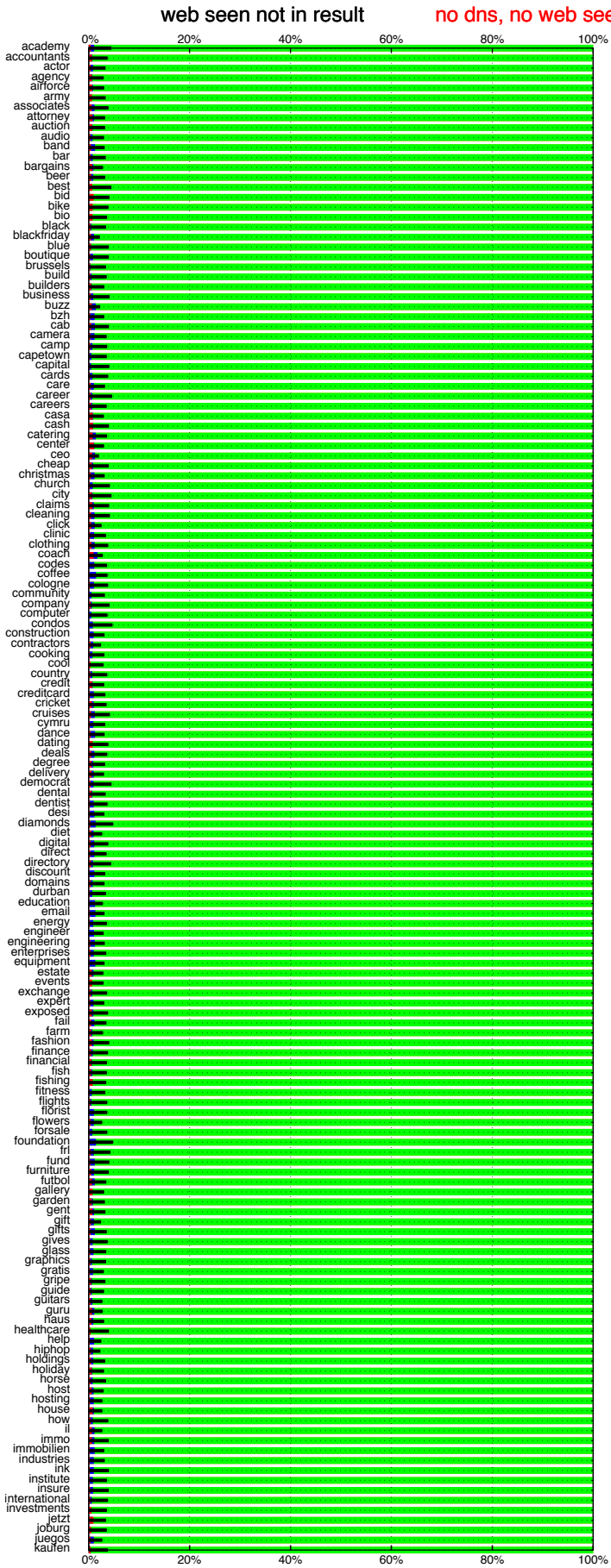
IN - India - Samplecount: 3118965



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

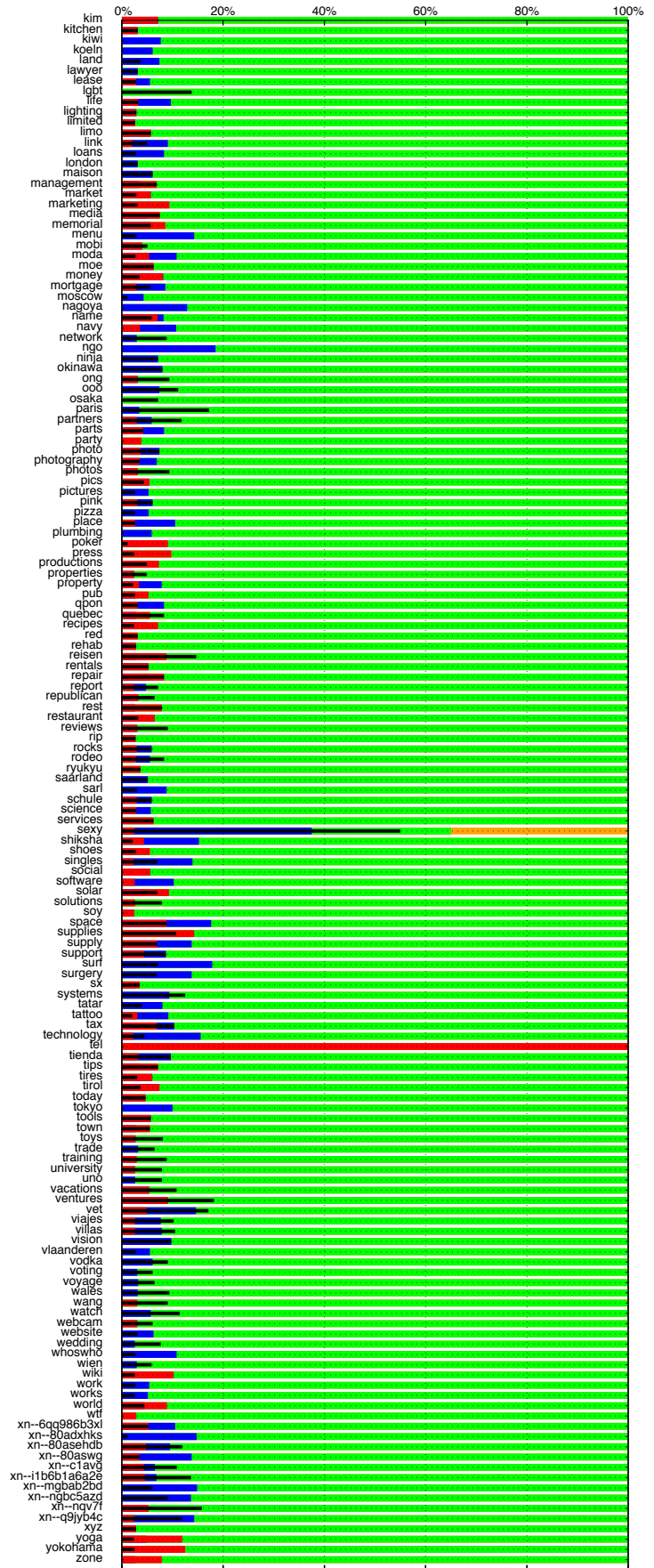
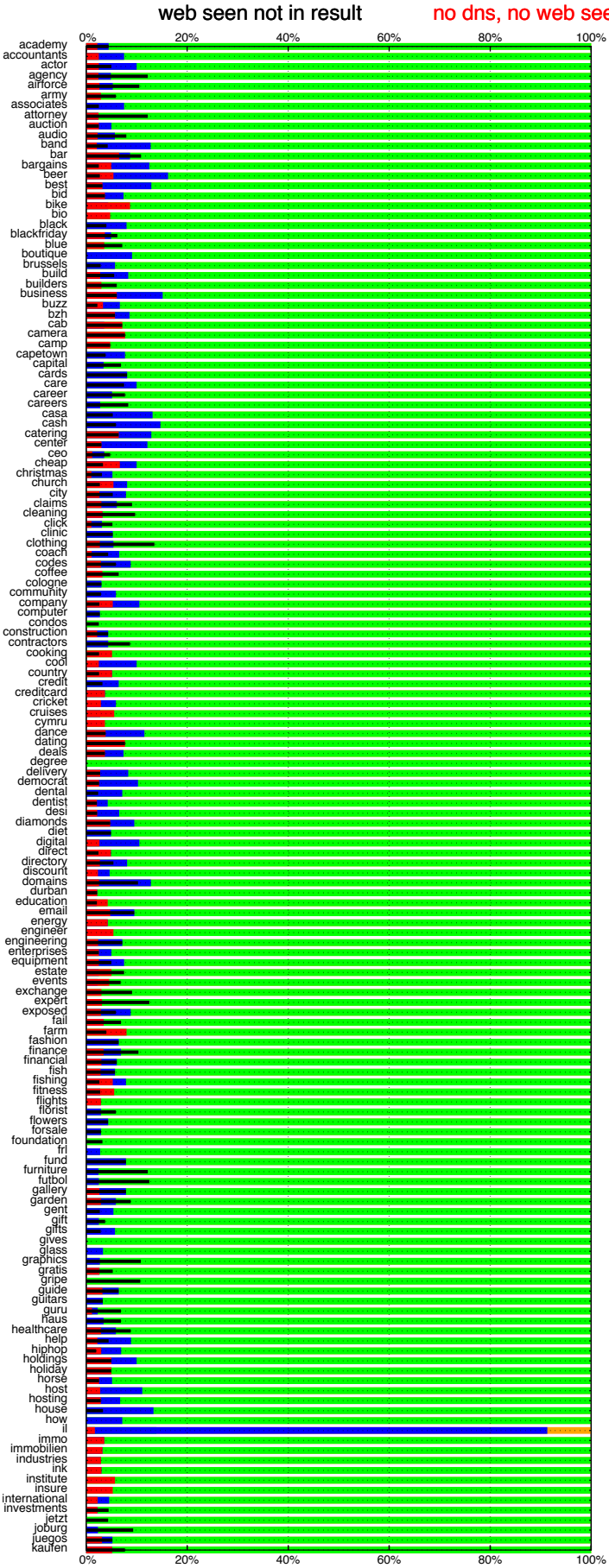
IN - India - Samplecount: 3118965

IQ - Iraq - Samplecount: 418717



IQ - Iraq - Samplecount: 418717

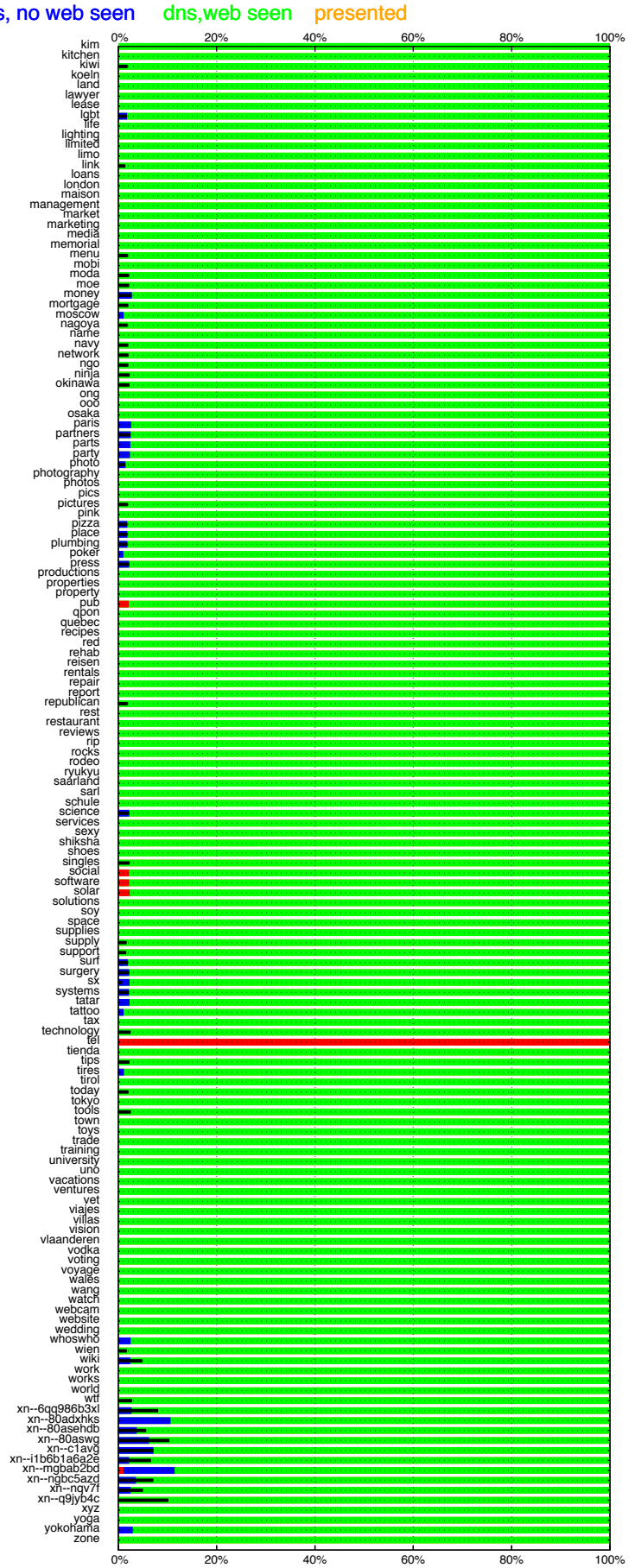
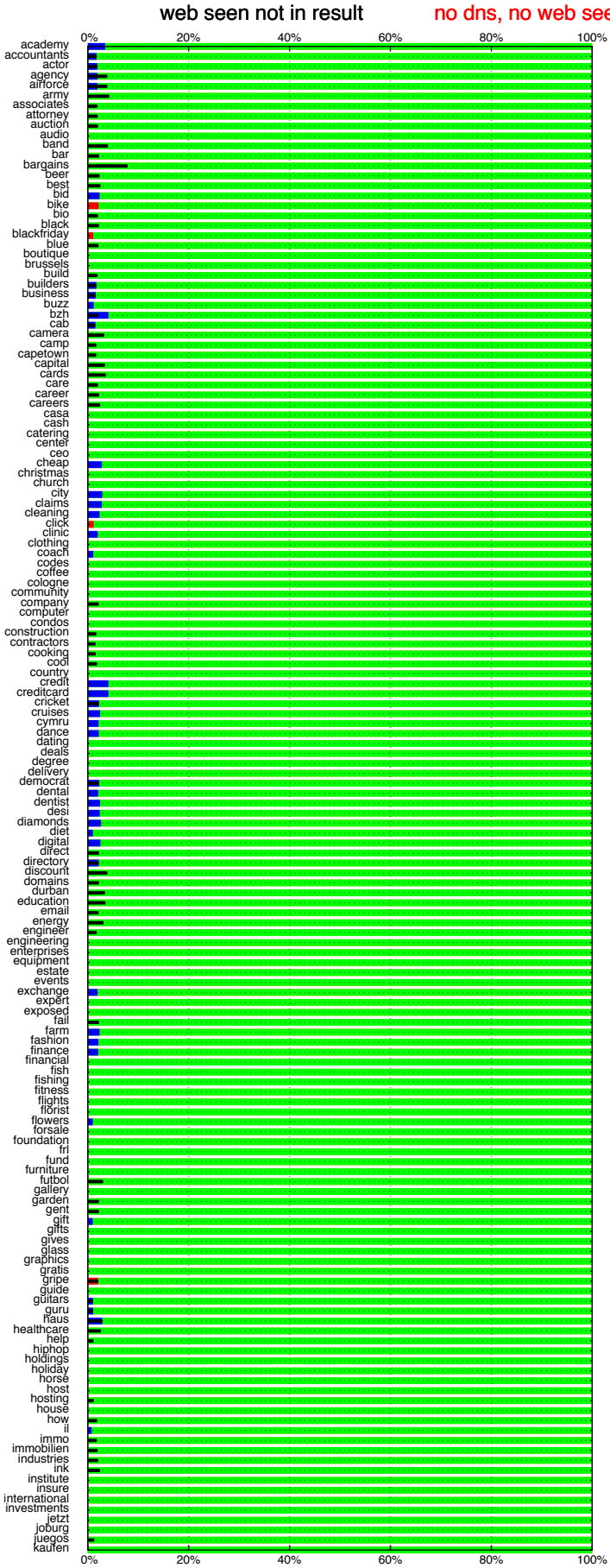
IR - Iran - Samplecount: 12001



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

IR - Iran - Samplecount: 12001

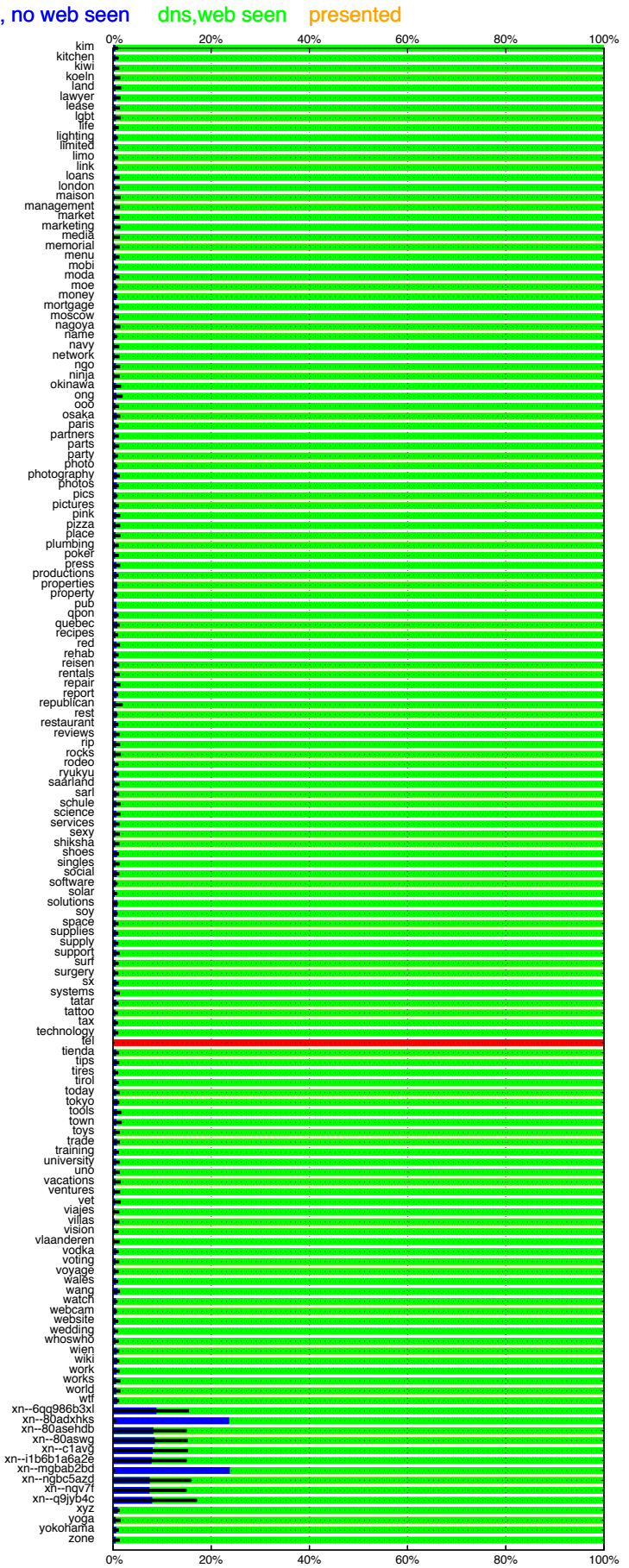
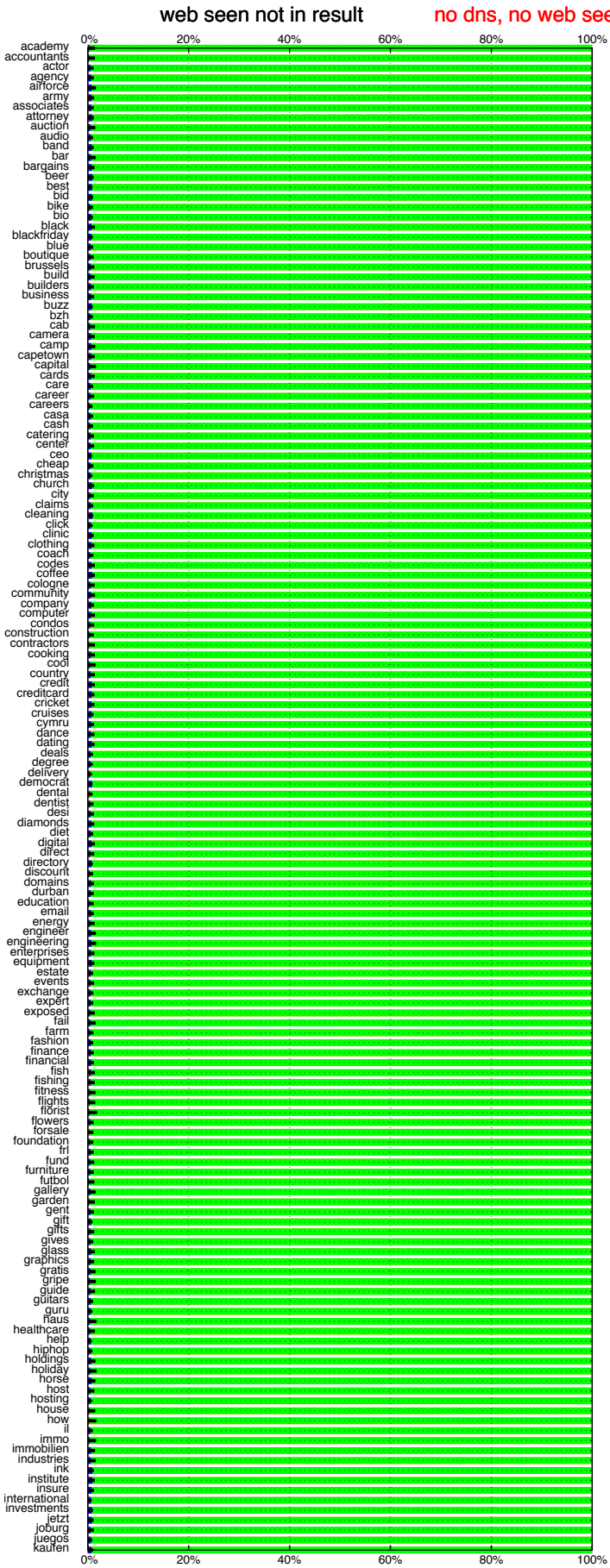
IS - Iceland - Samplecount: 15672



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

IS - Iceland - Samplecount: 15672

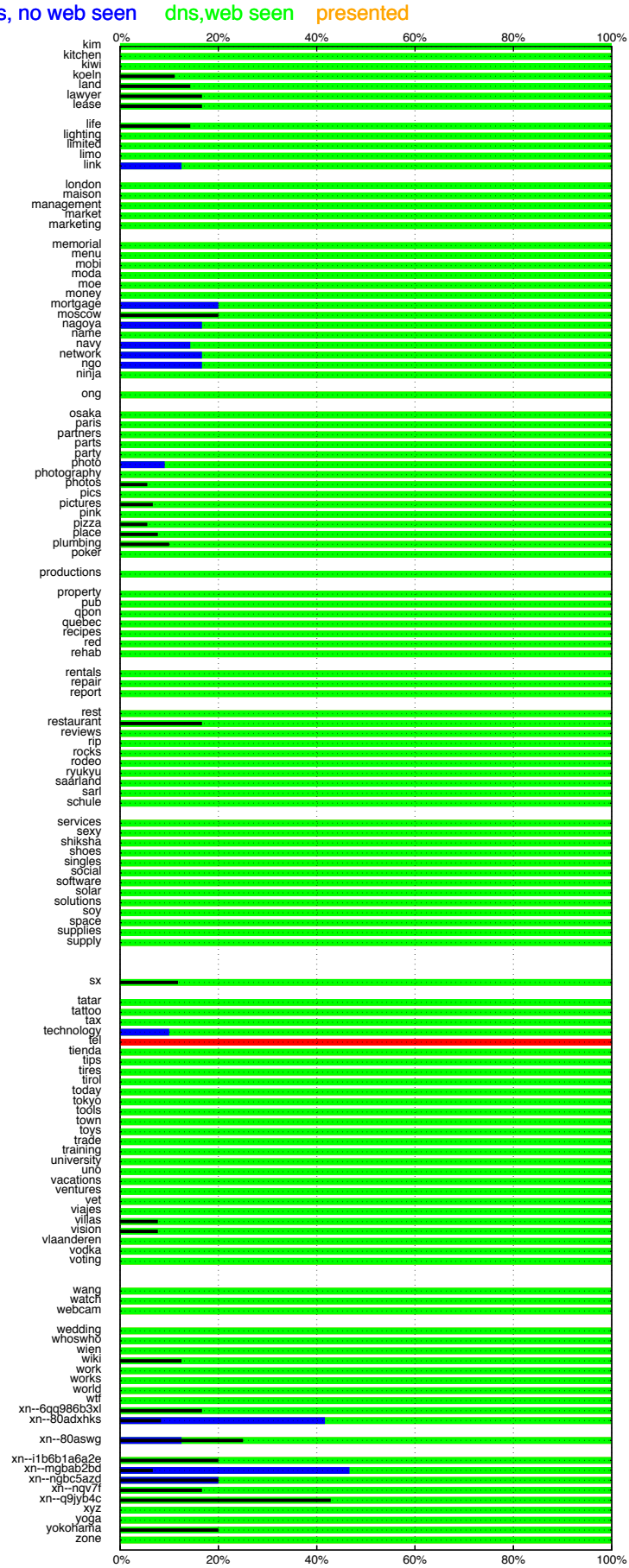
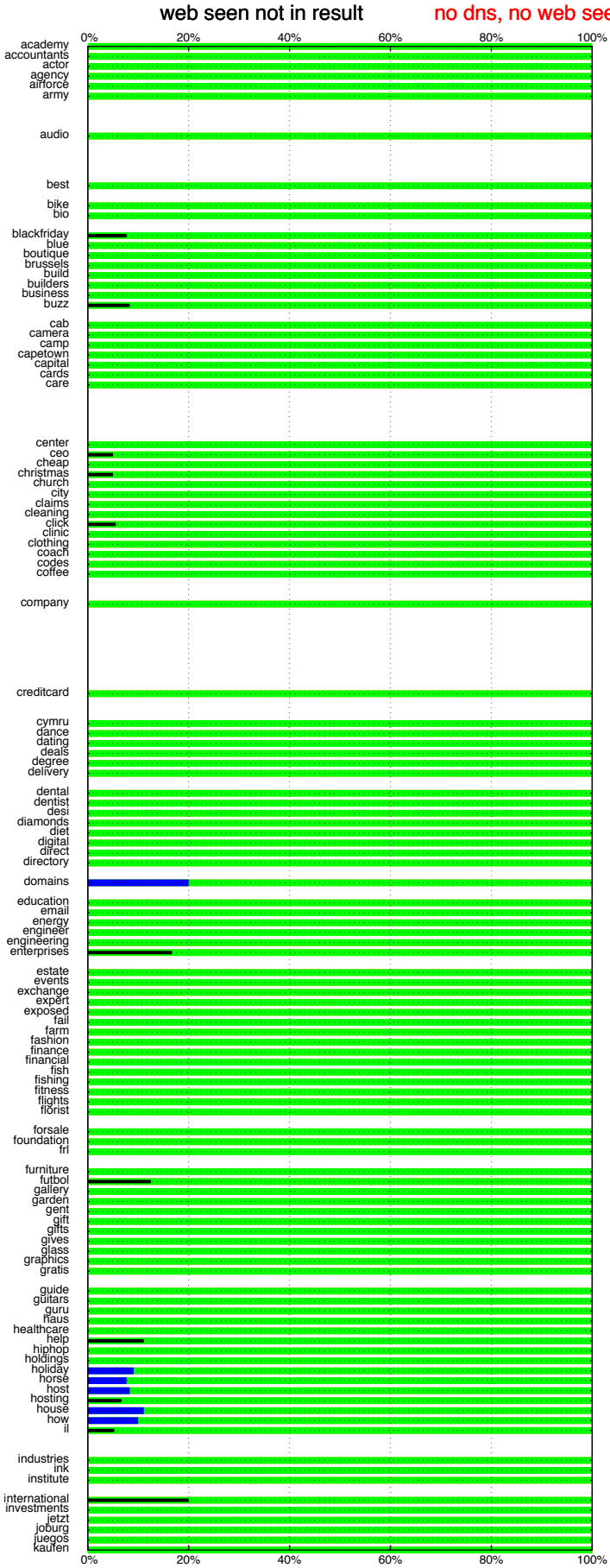
IT - Italy - Samplecount: 821308



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

IT - Italy - Samplecount: 821308

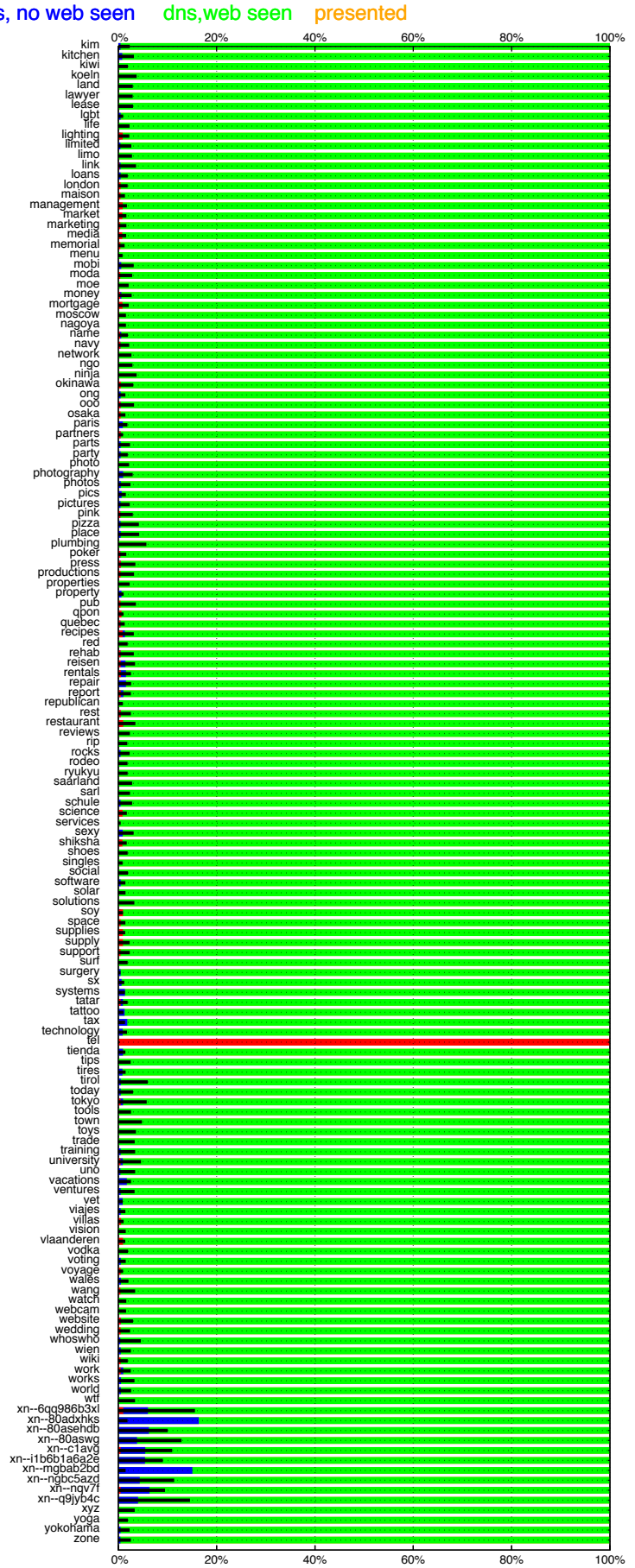
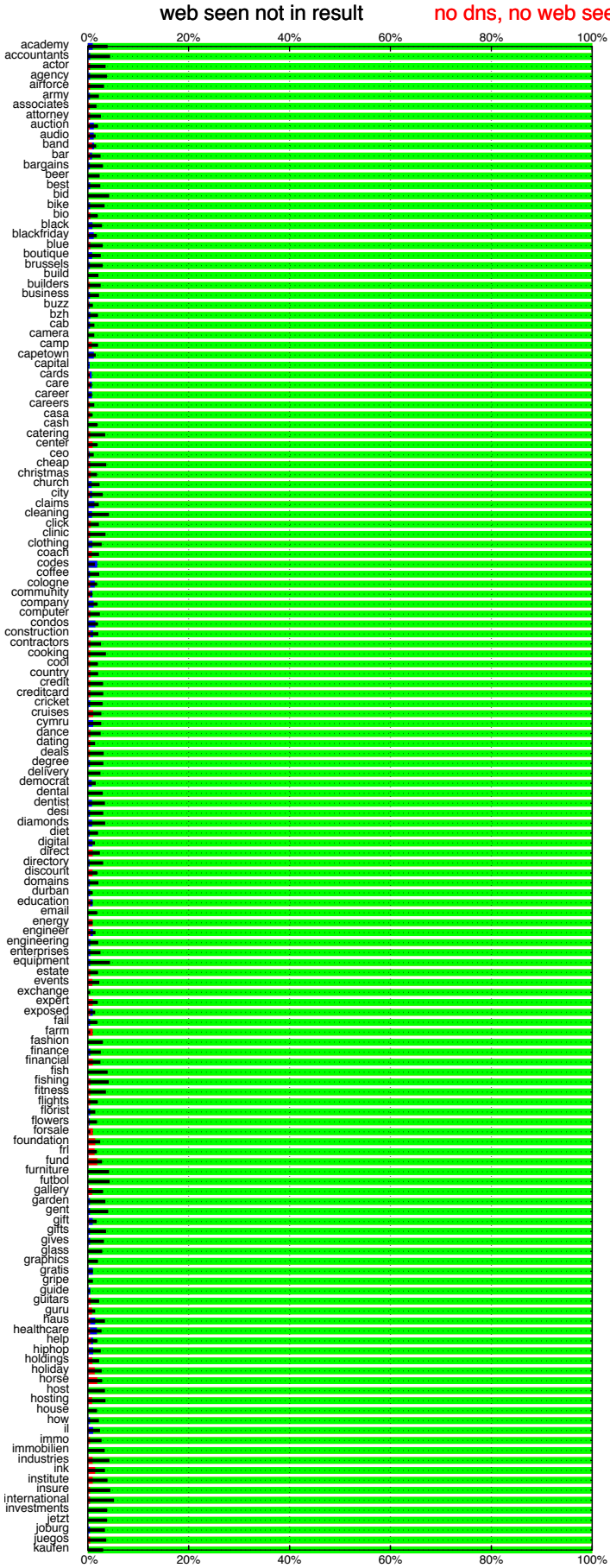
JE - Jersey - Samplecount: 2068



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

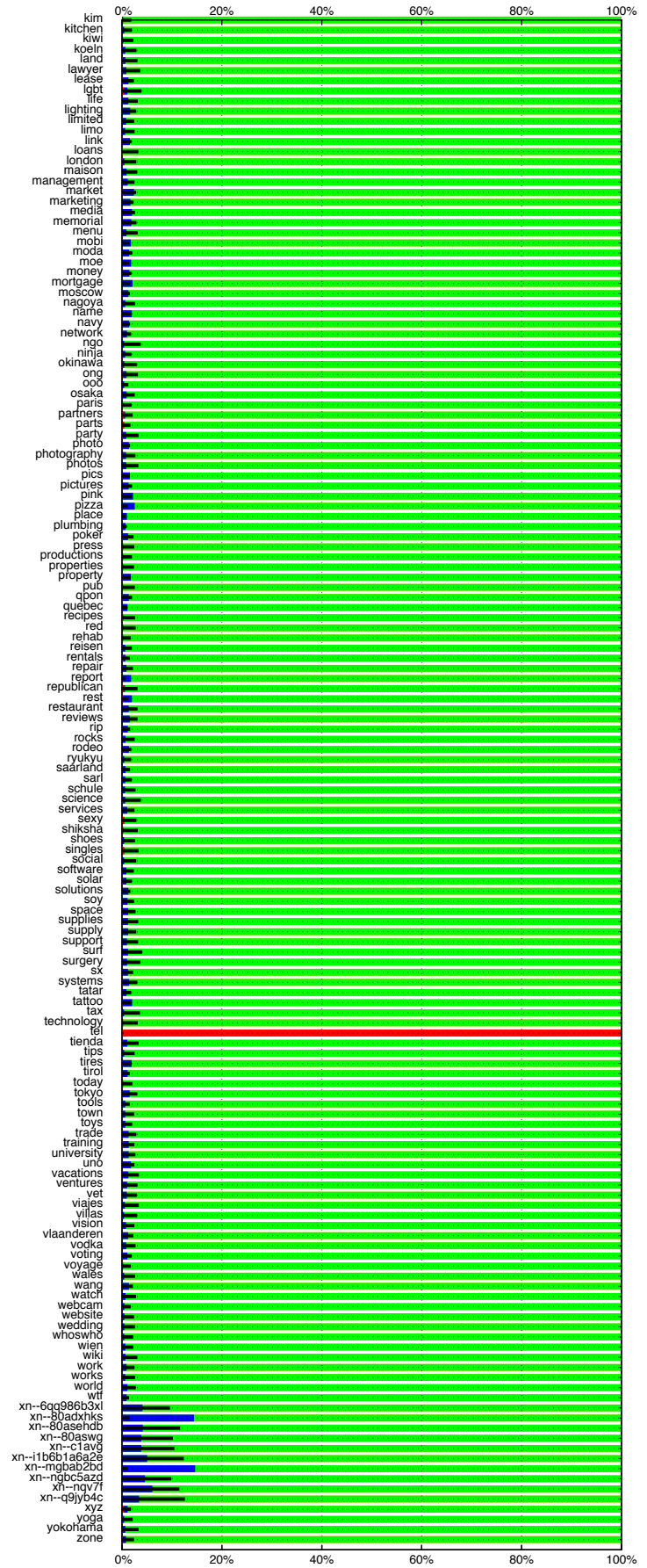
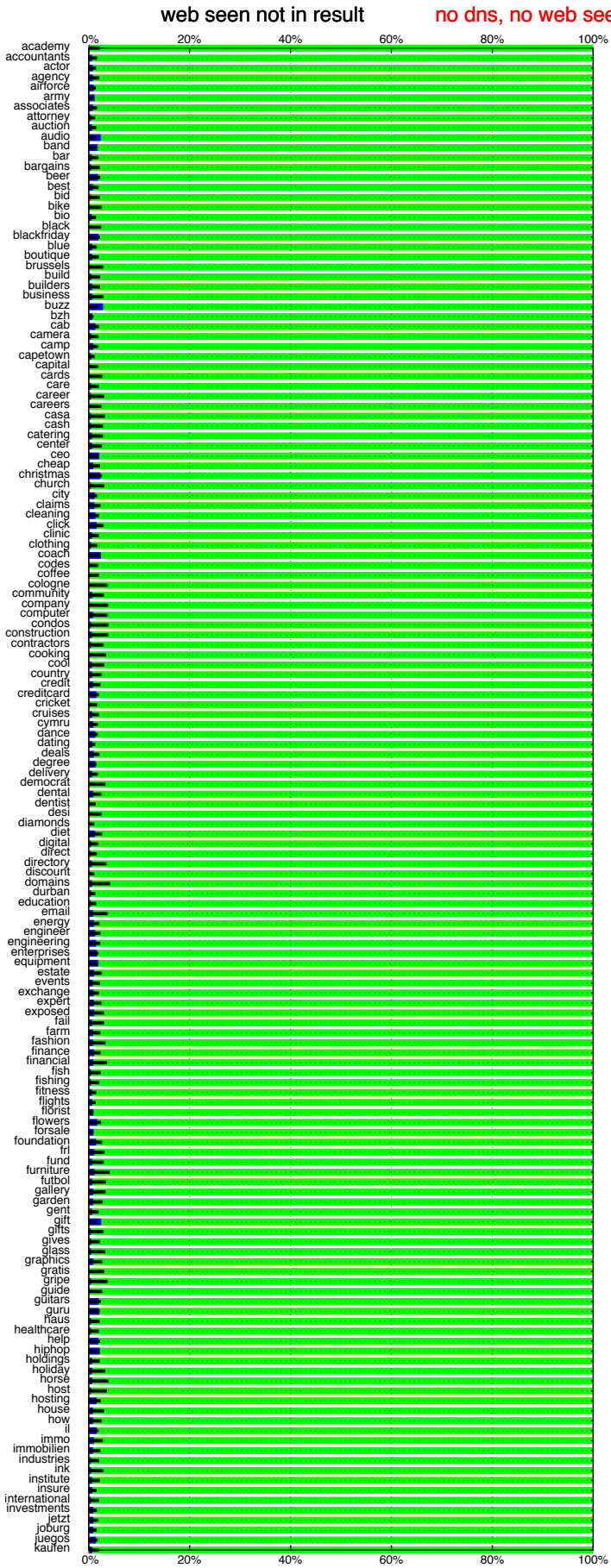
JE - Jersey - Samplecount: 2068

JM - Jamaica - Samplecount: 72932



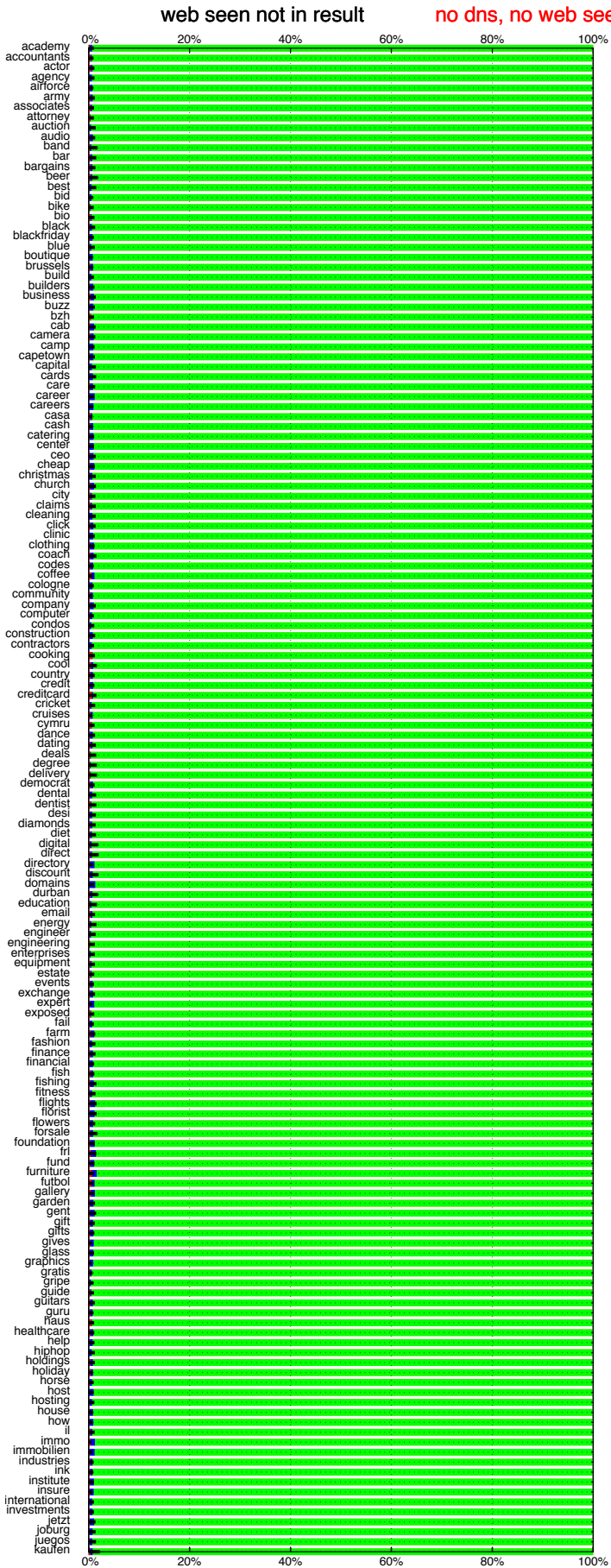
JM - Jamaica - Samplecount: 72932

JO - Jordan - Samplecount: 151165

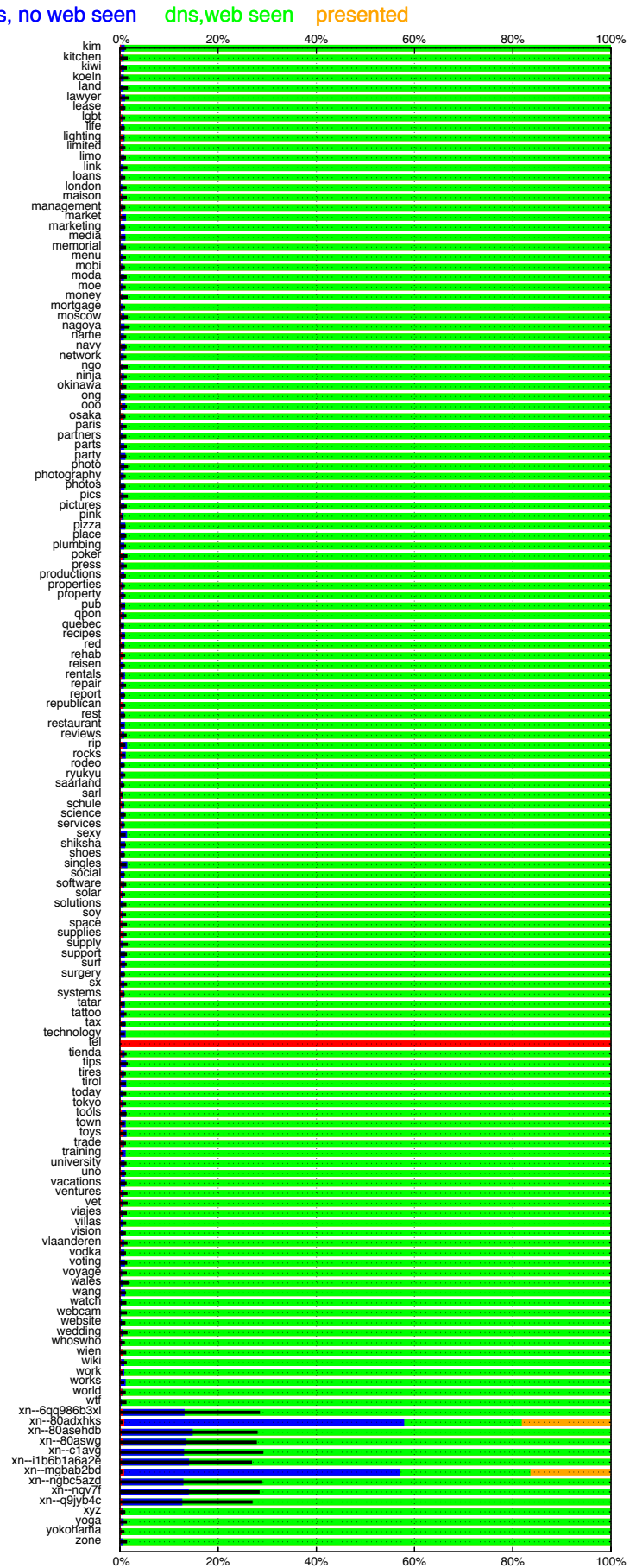


JO - Jordan - Samplecount: 151165

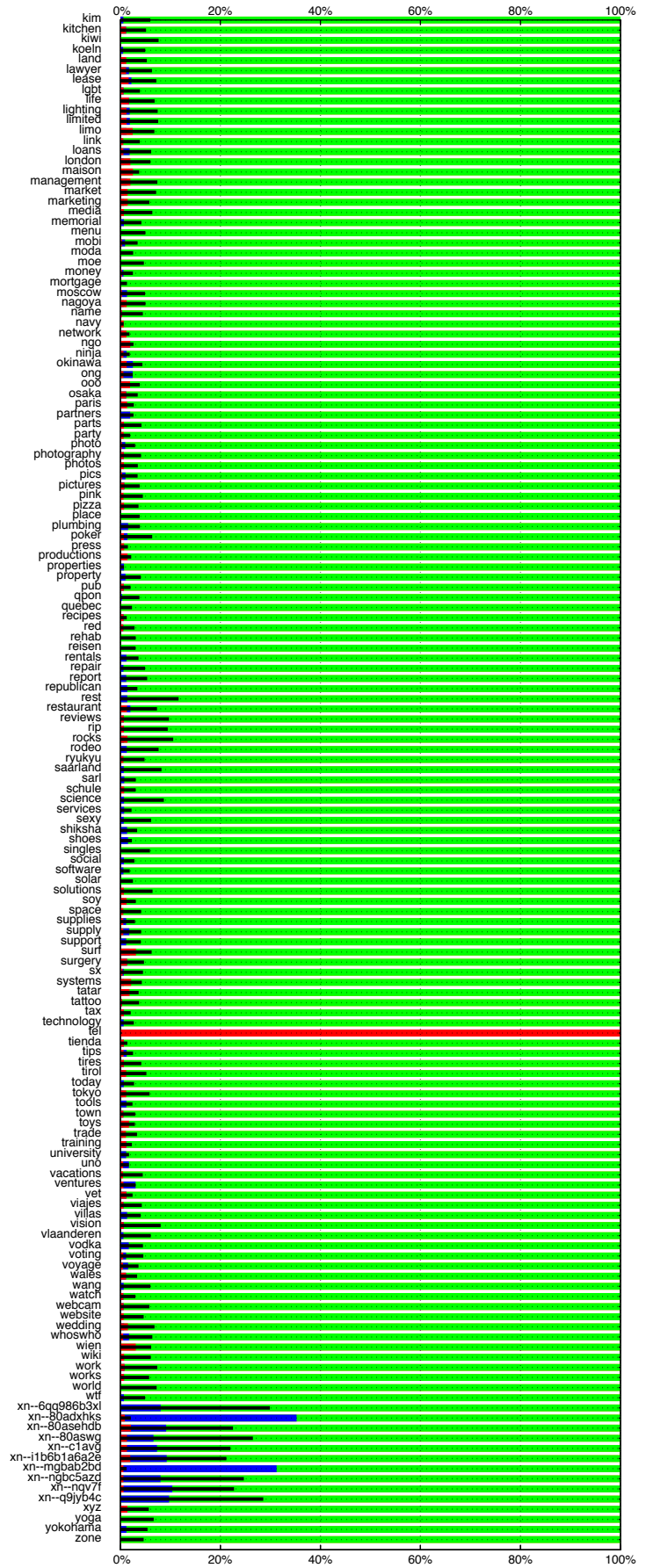
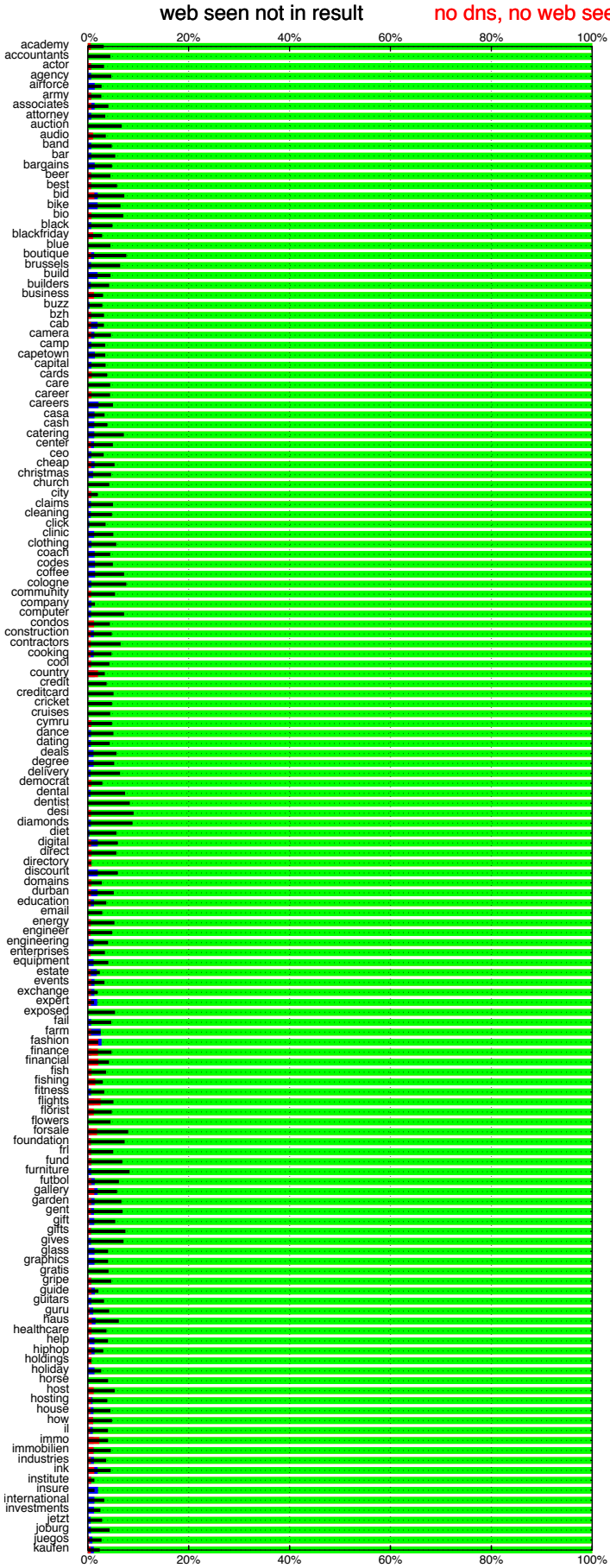
JP - Japan - Samplecount: 559524



JP - Japan - Samplecount: 559524



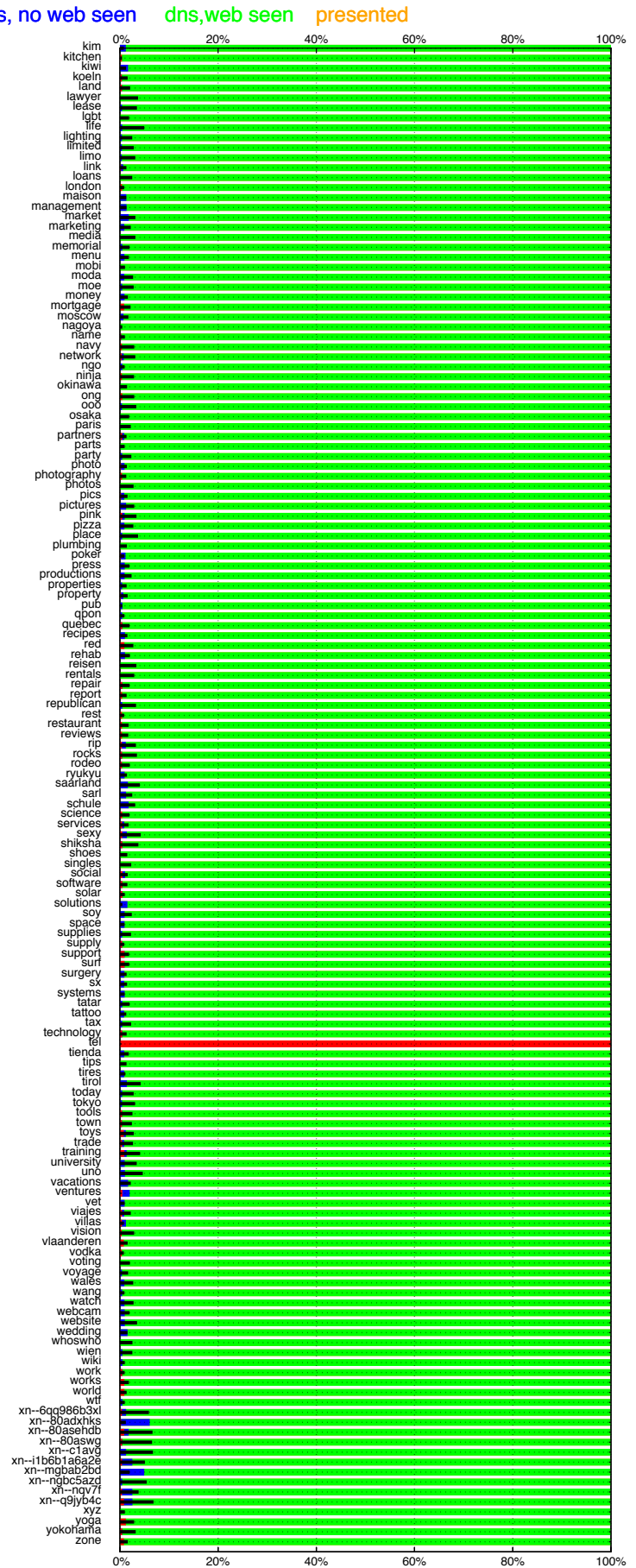
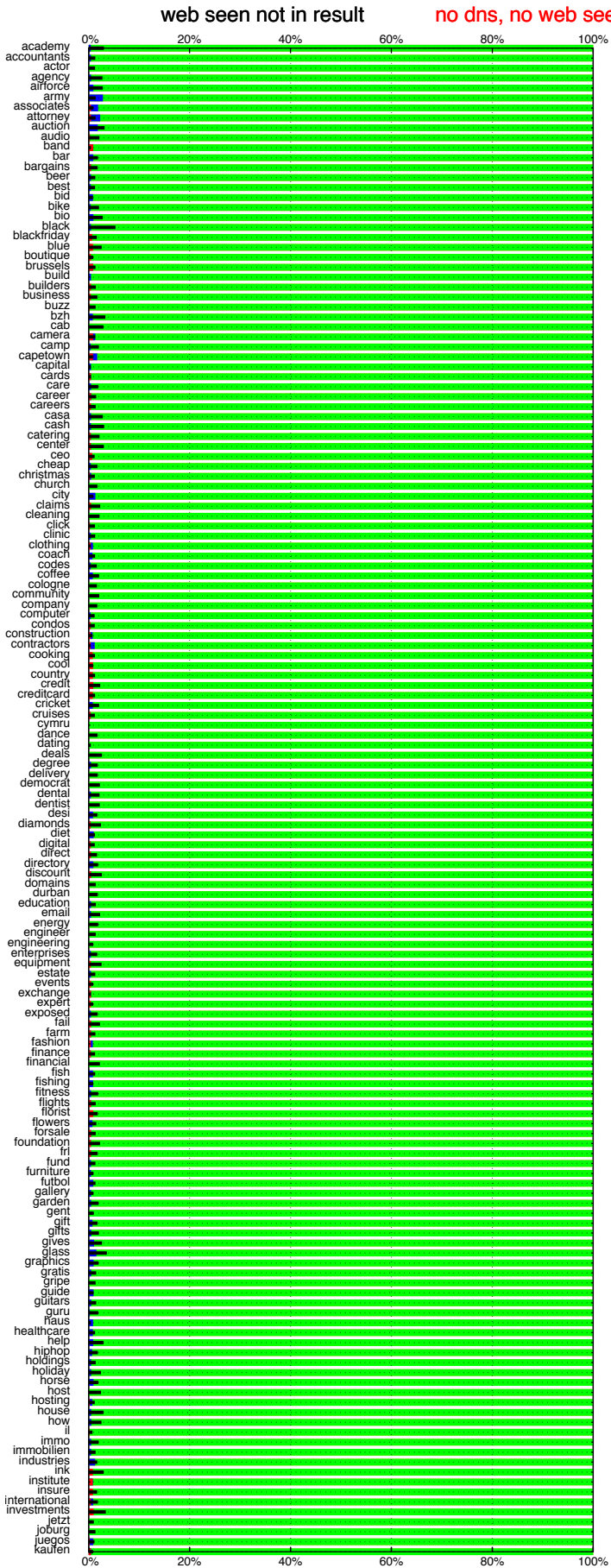
KE - Kenya - Samplecount: 49370



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

KE - Kenya - Samplecount: 49370

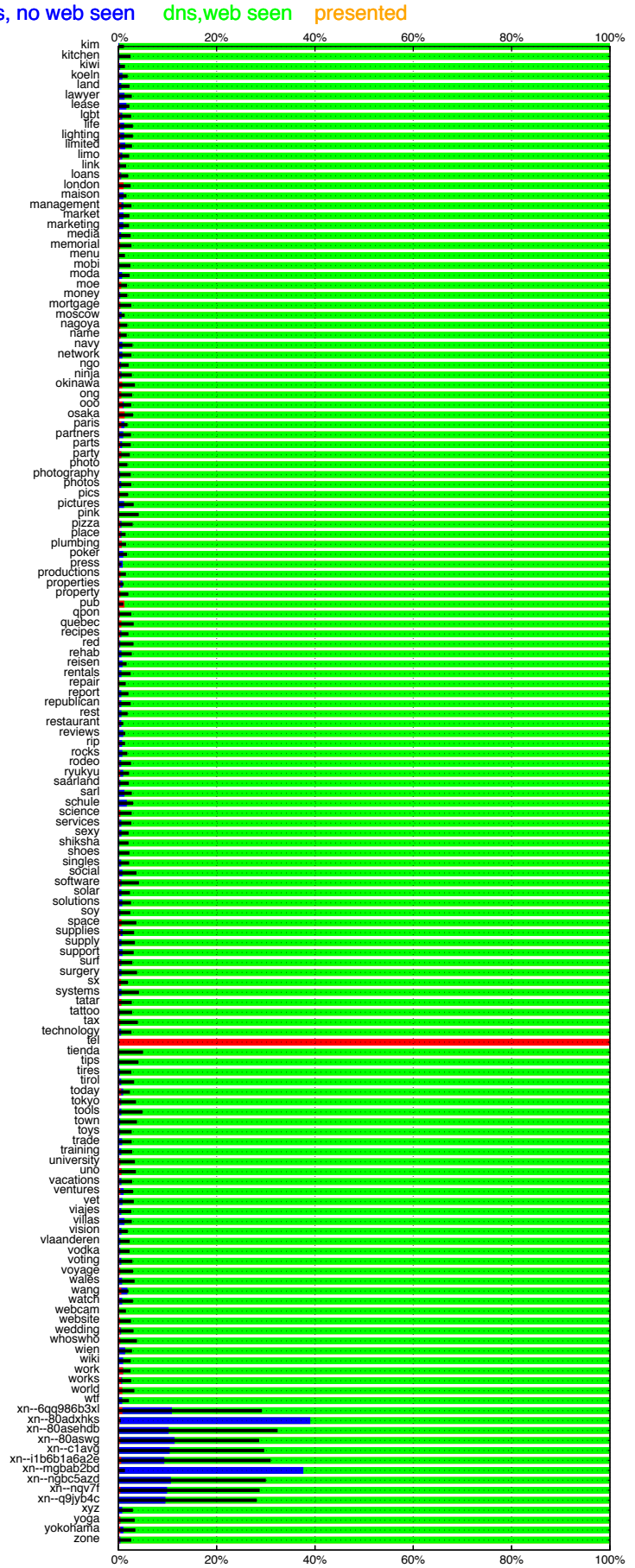
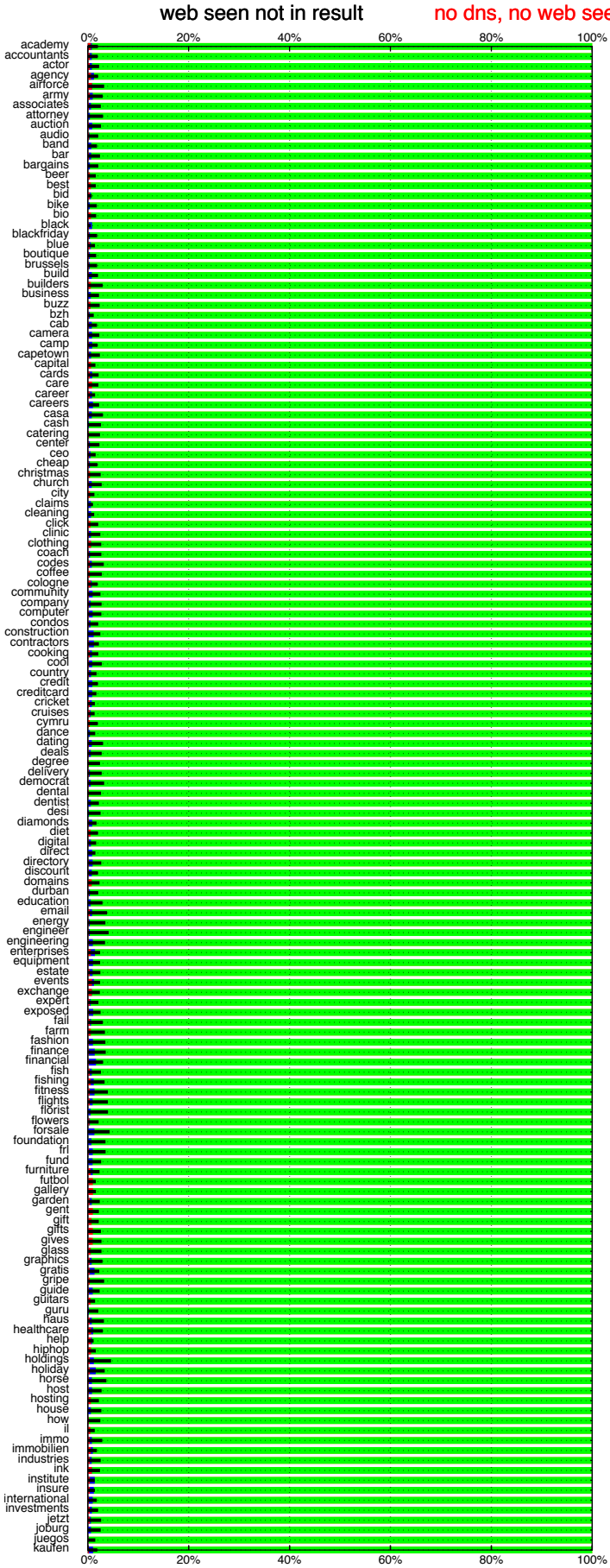
KG - Kyrgyzstan - Samplecount: 73184



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

KG - Kyrgyzstan - Samplecount: 73184

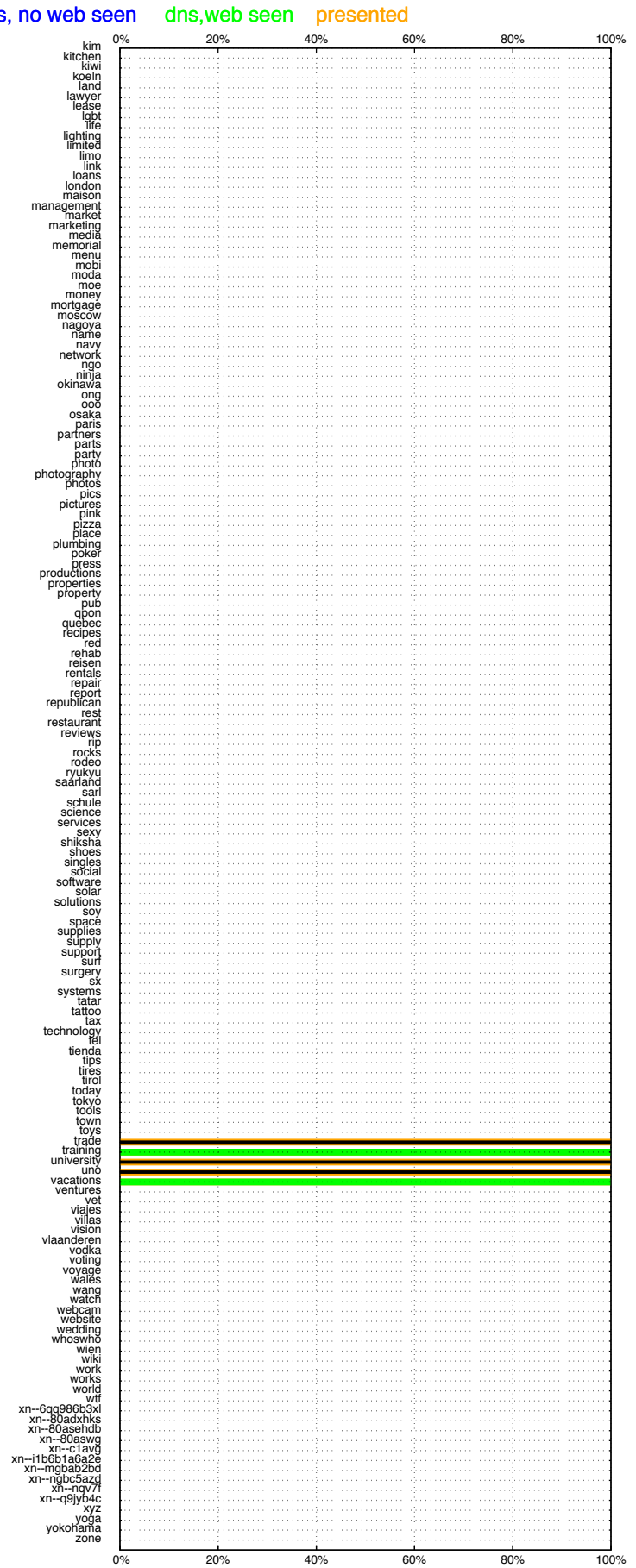
KH - Cambodia - Samplecount: 158949



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

KH - Cambodia - Samplecount: 158949

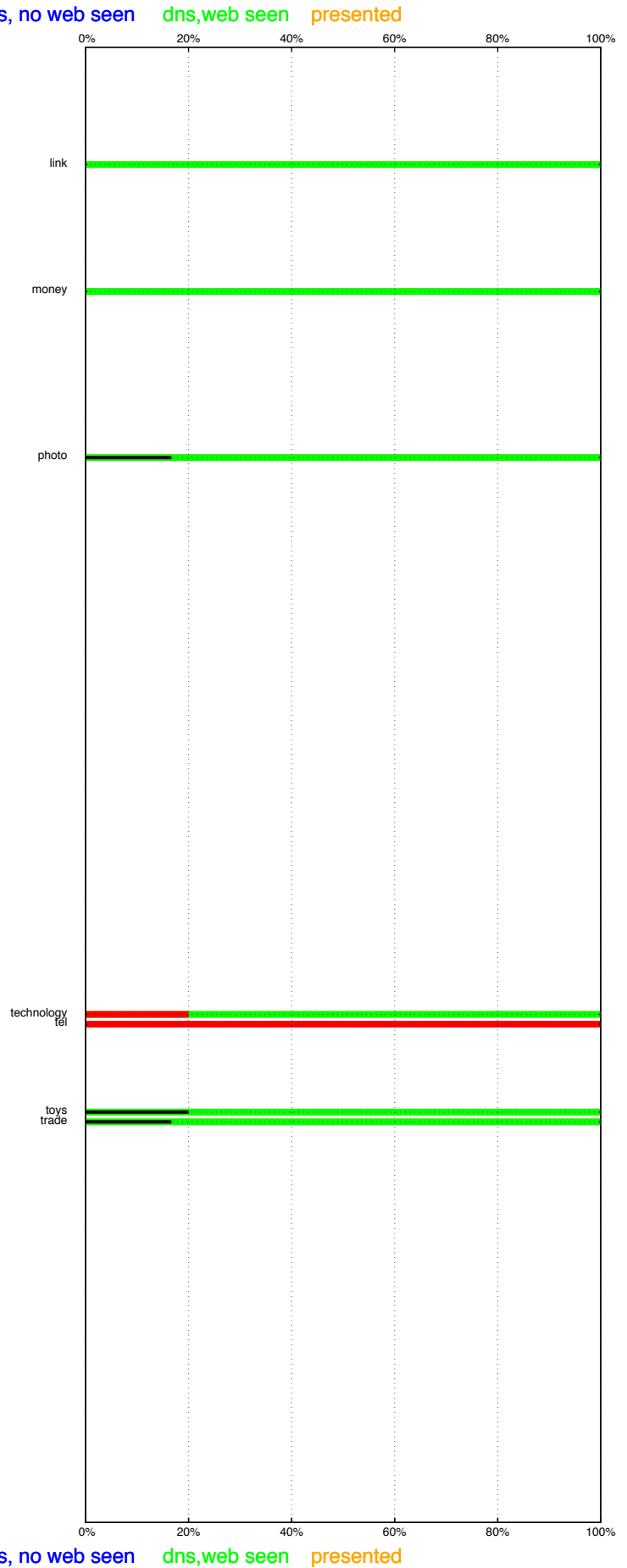
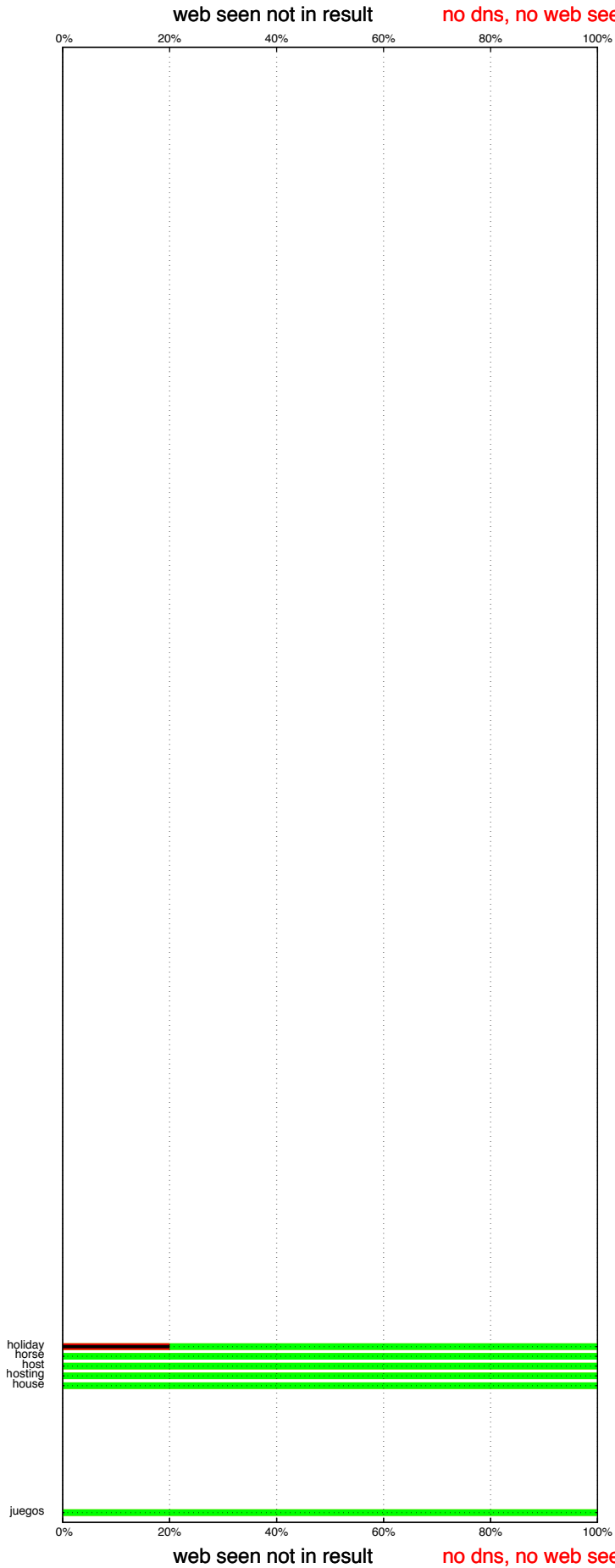
KI - Kiribati - Samplecount: 12



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

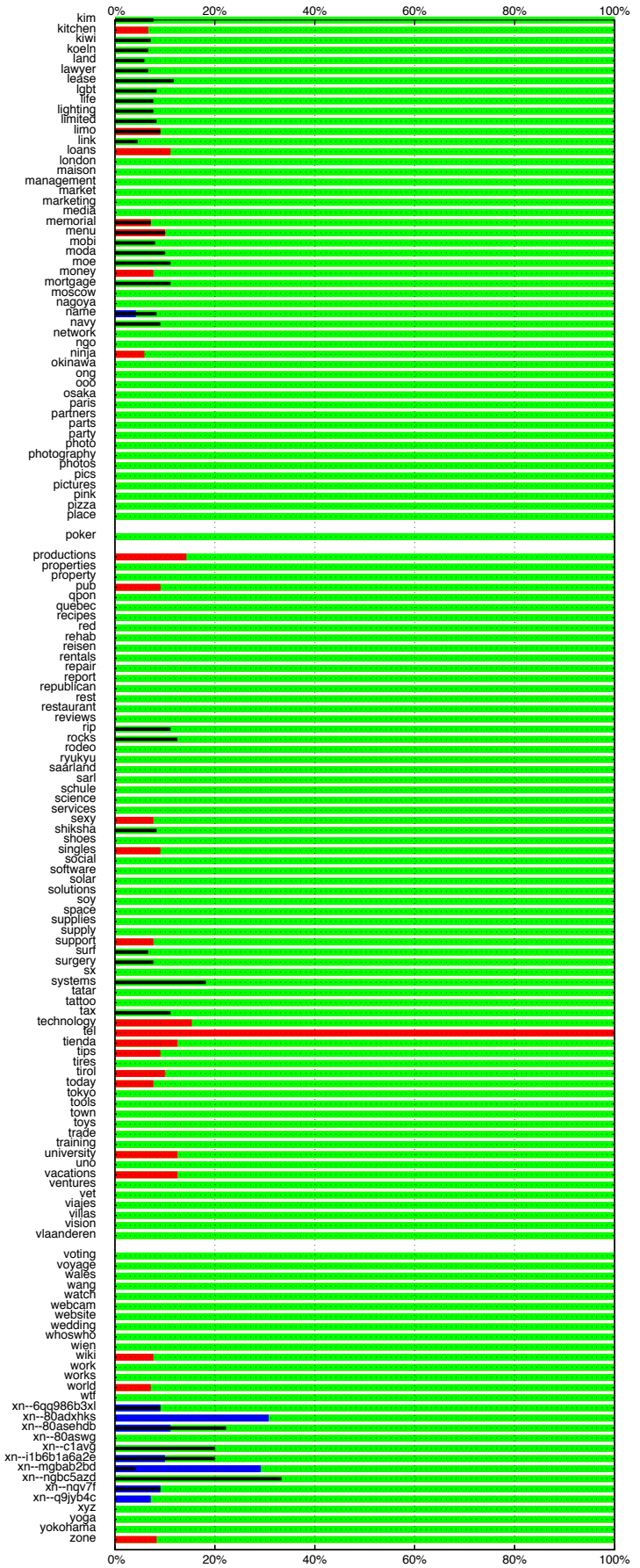
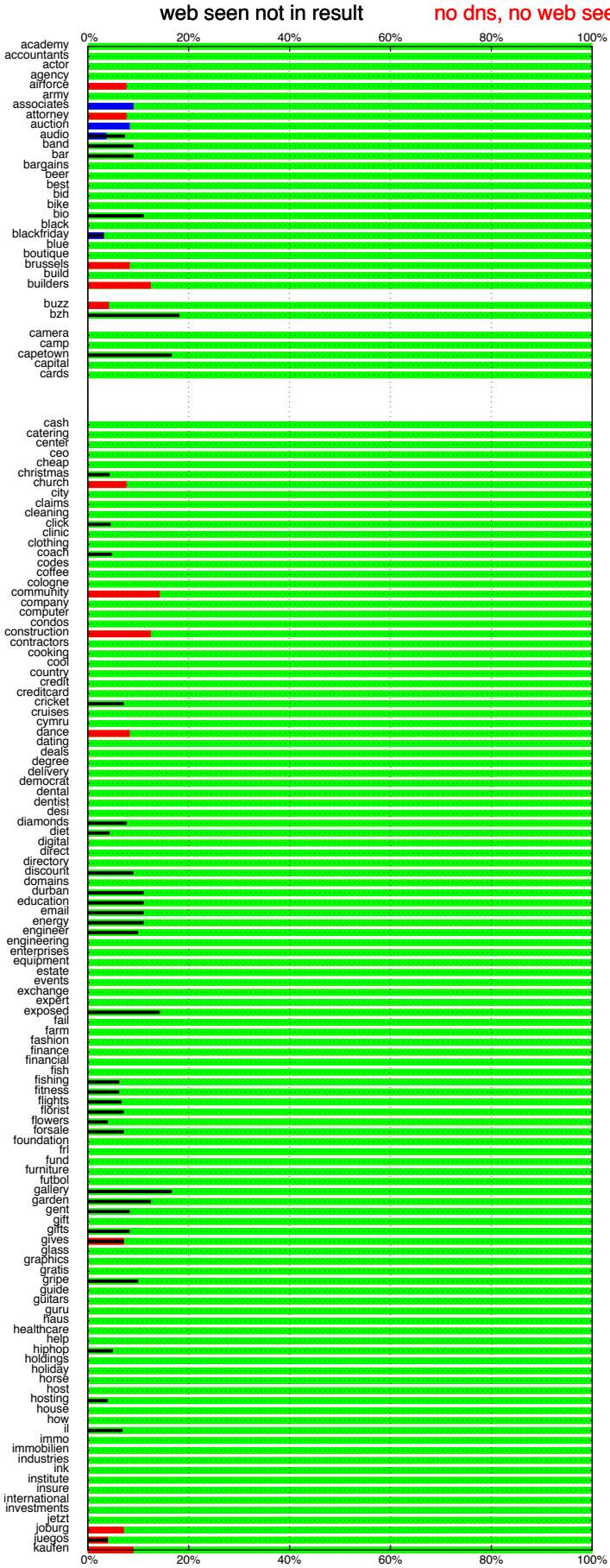
KI - Kiribati - Samplecount: 12

KM - Comoros - Samplecount: 411



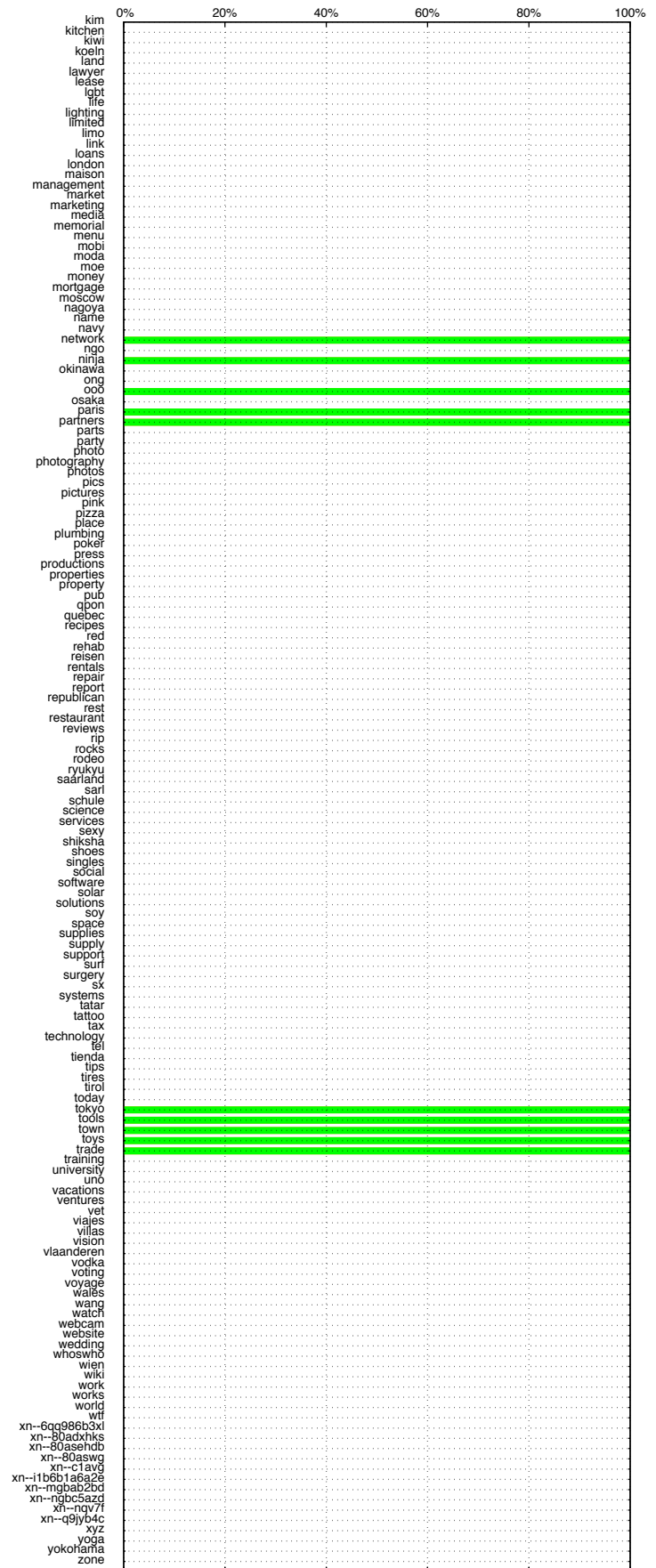
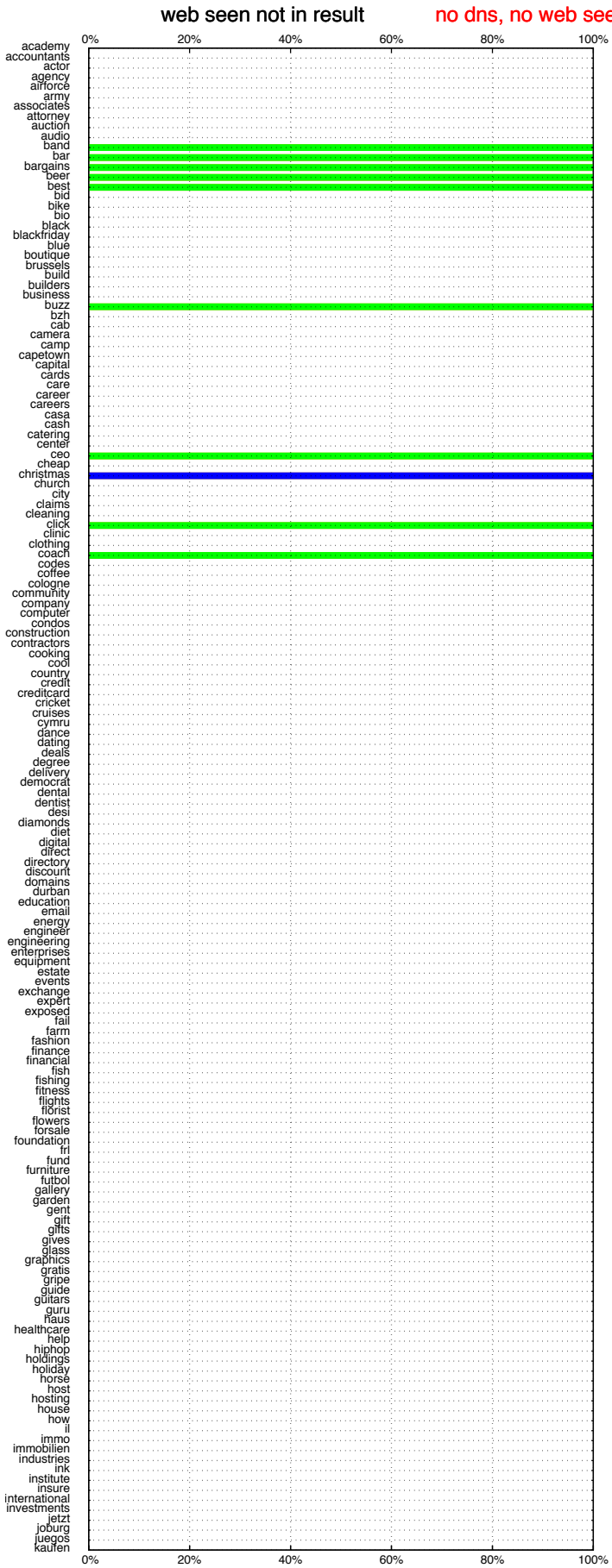
KM - Comoros - Samplecount: 411

KN - St Kitts aameNevis - Samplecount: 3405



KN - St Kitts aameNevis - Samplecount: 3405

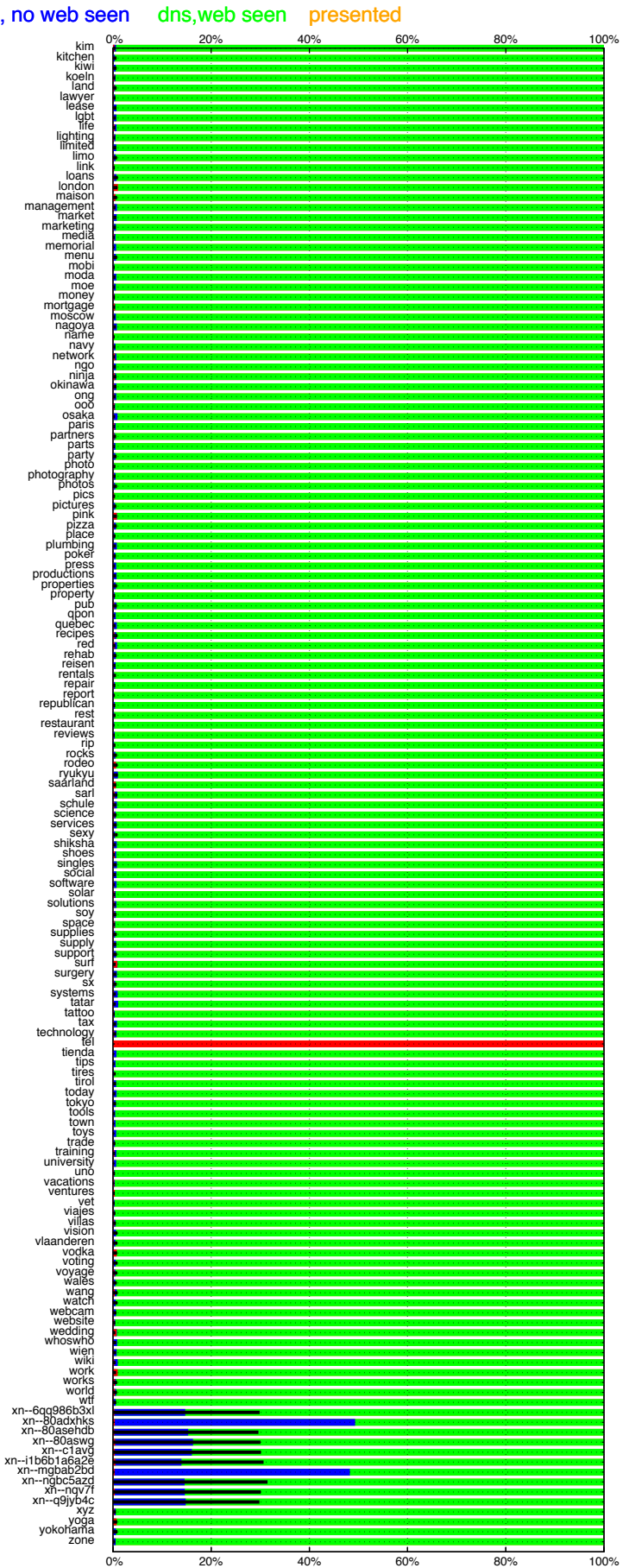
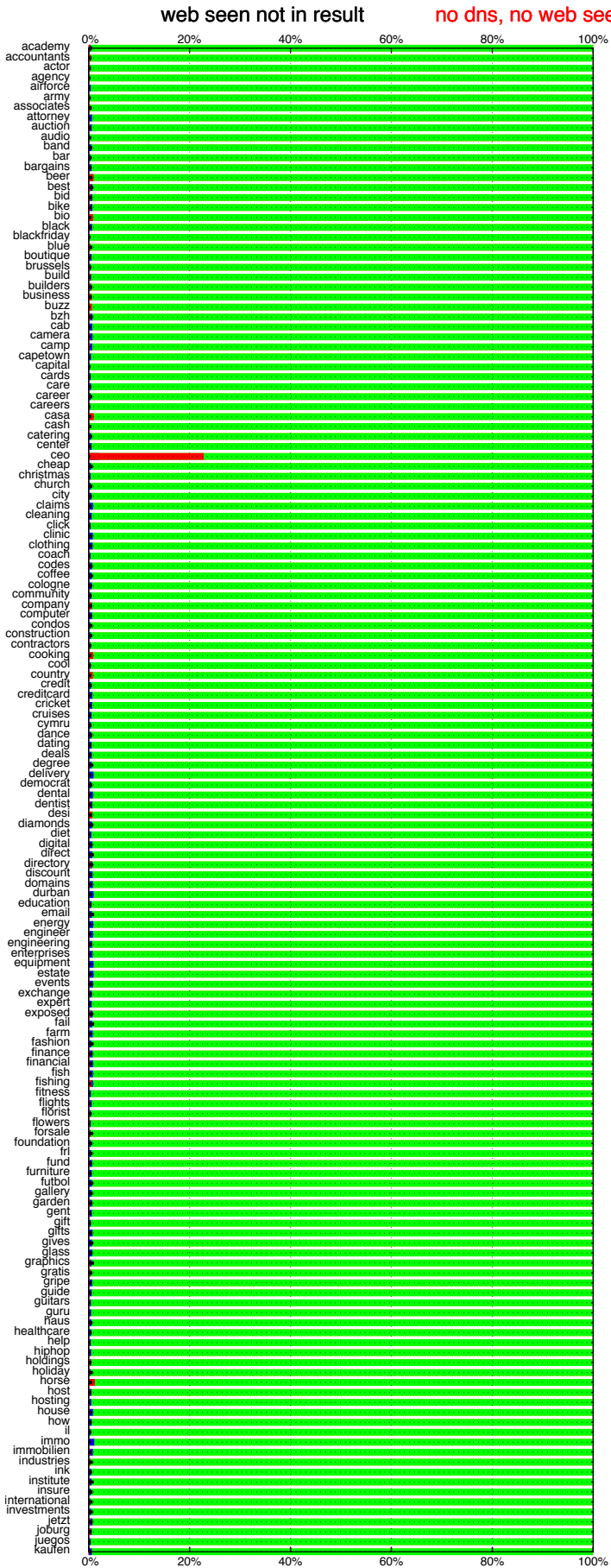
KP - Korea (North) - Samplecount: 20



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

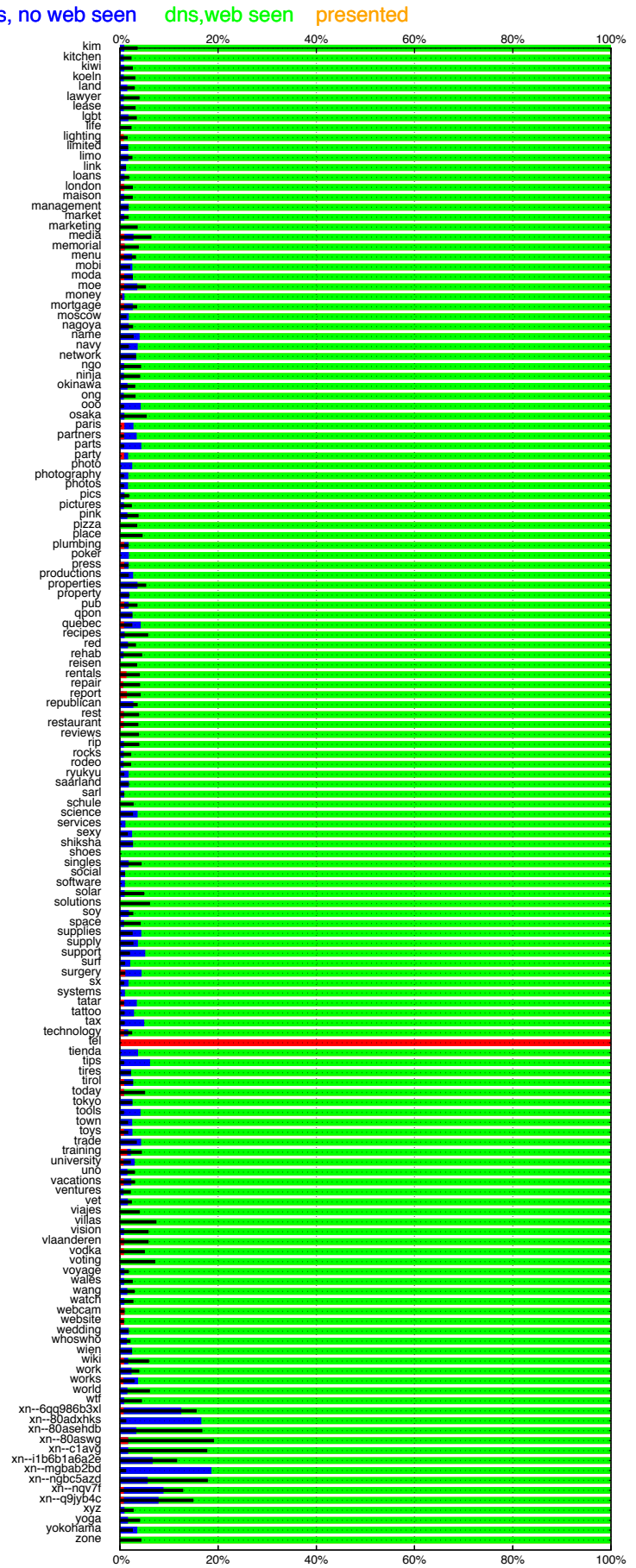
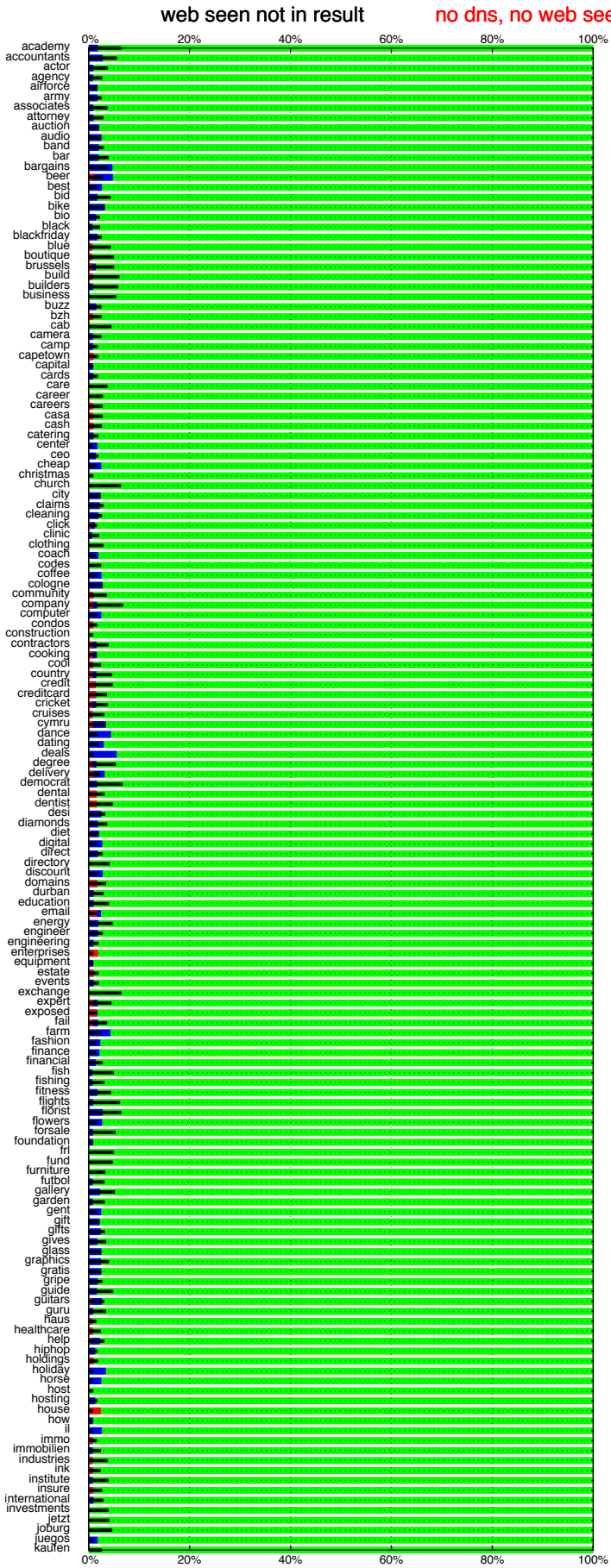
KP - Korea (North) - Samplecount: 20

KR - Korea (South) - Samplecount: 537805



KR - Korea (South) - Samplecount: 537805

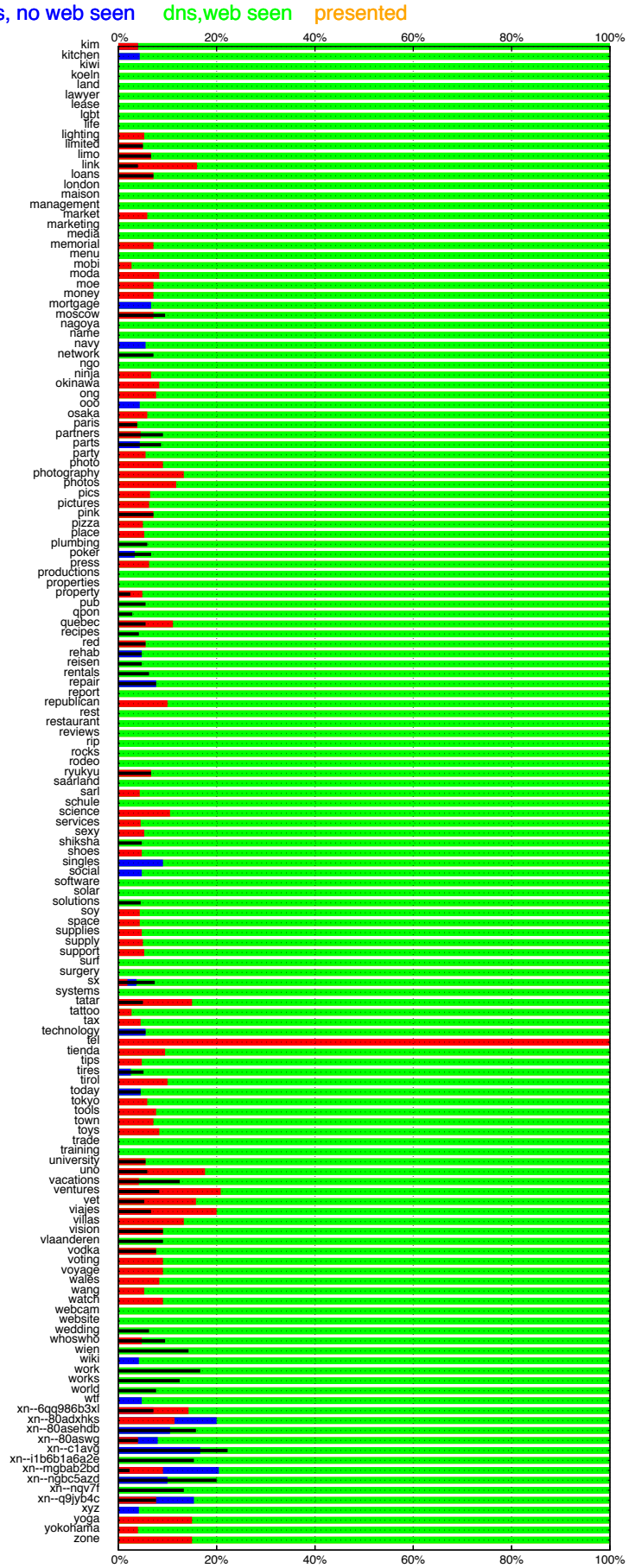
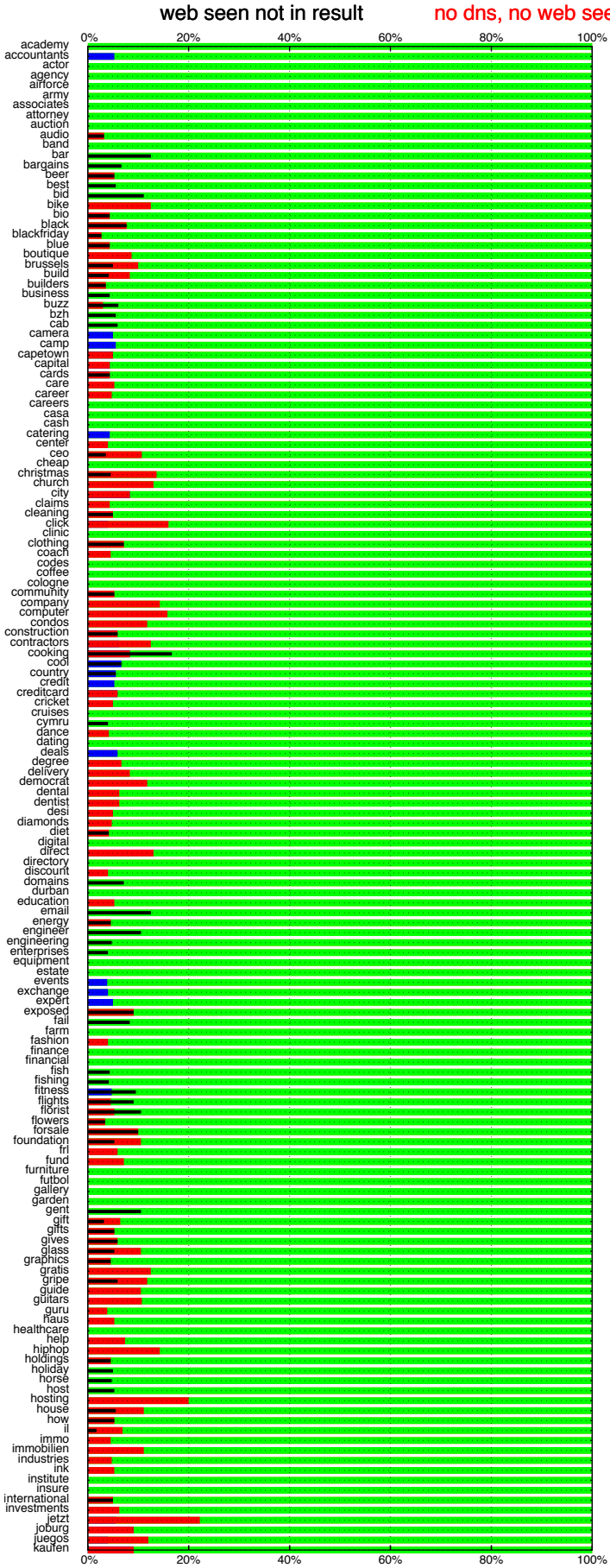
KW - Kuwait - Samplecount: 38121



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

KW - Kuwait - Samplecount: 38121

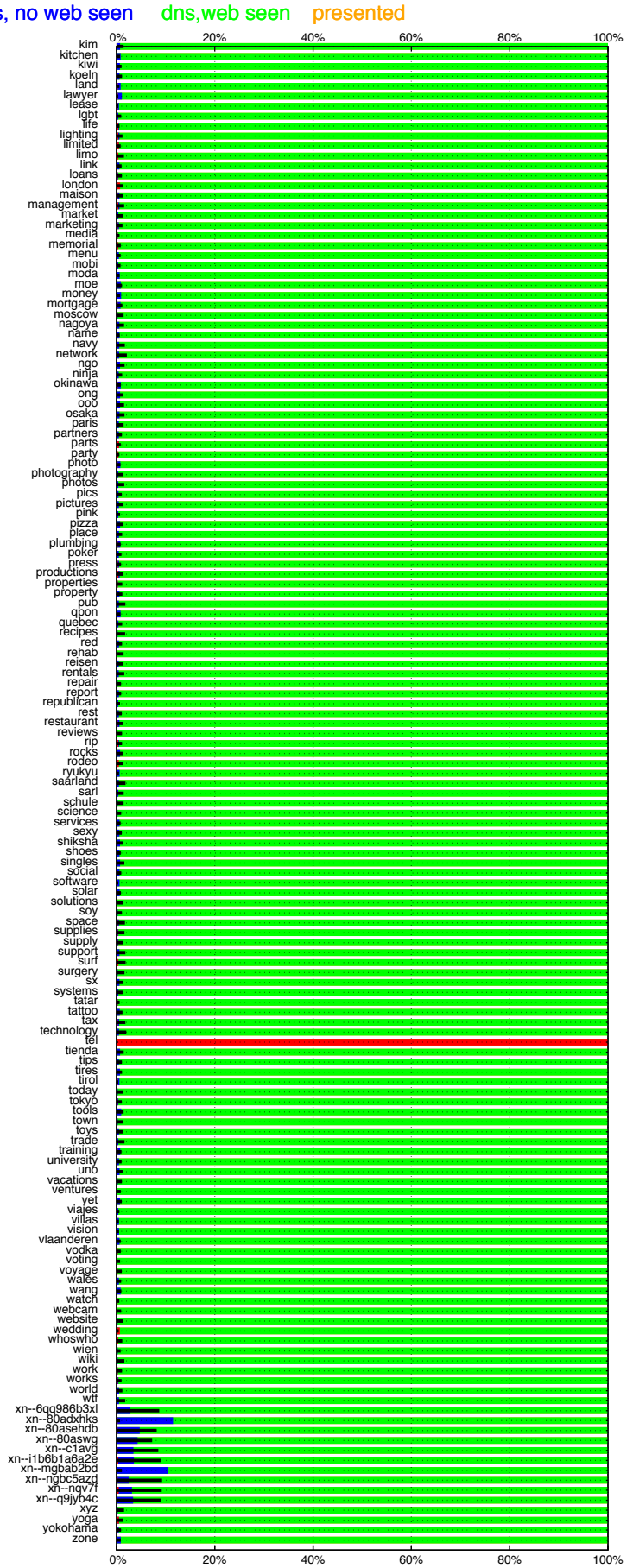
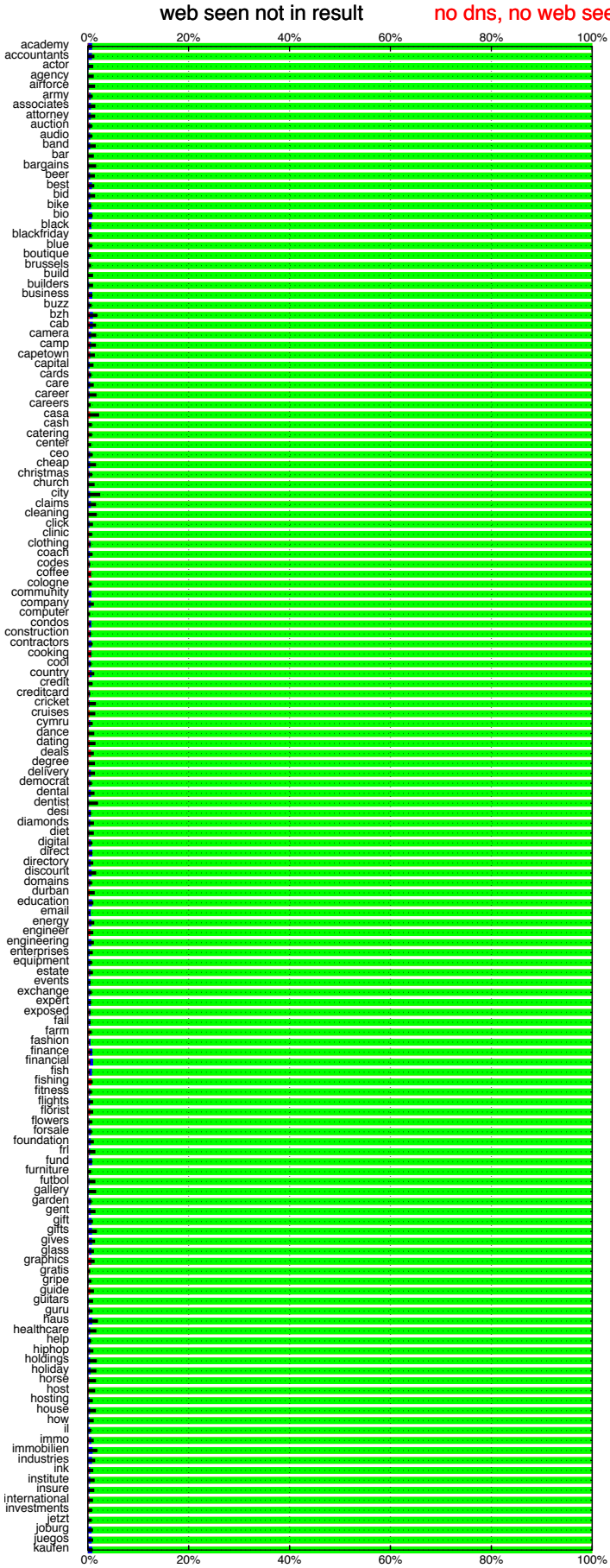
KY - Cayman Islands - Samplecount: 5887



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

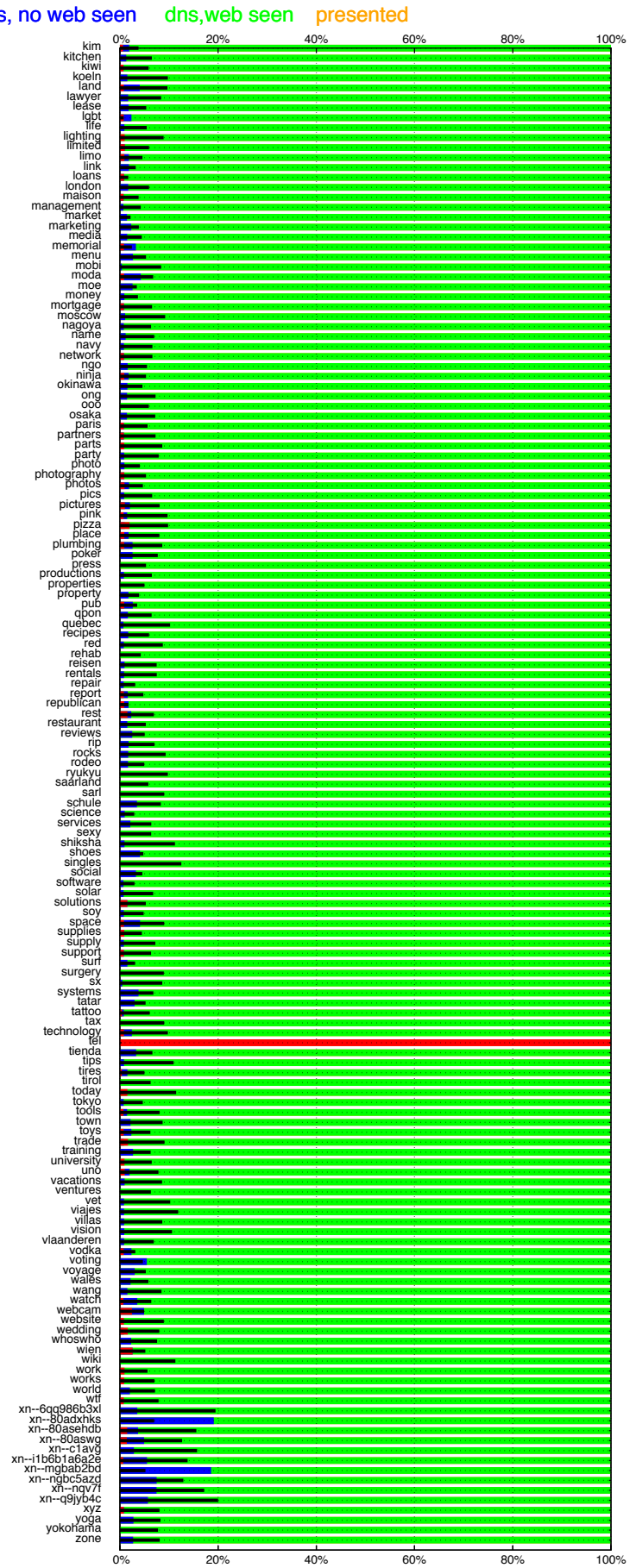
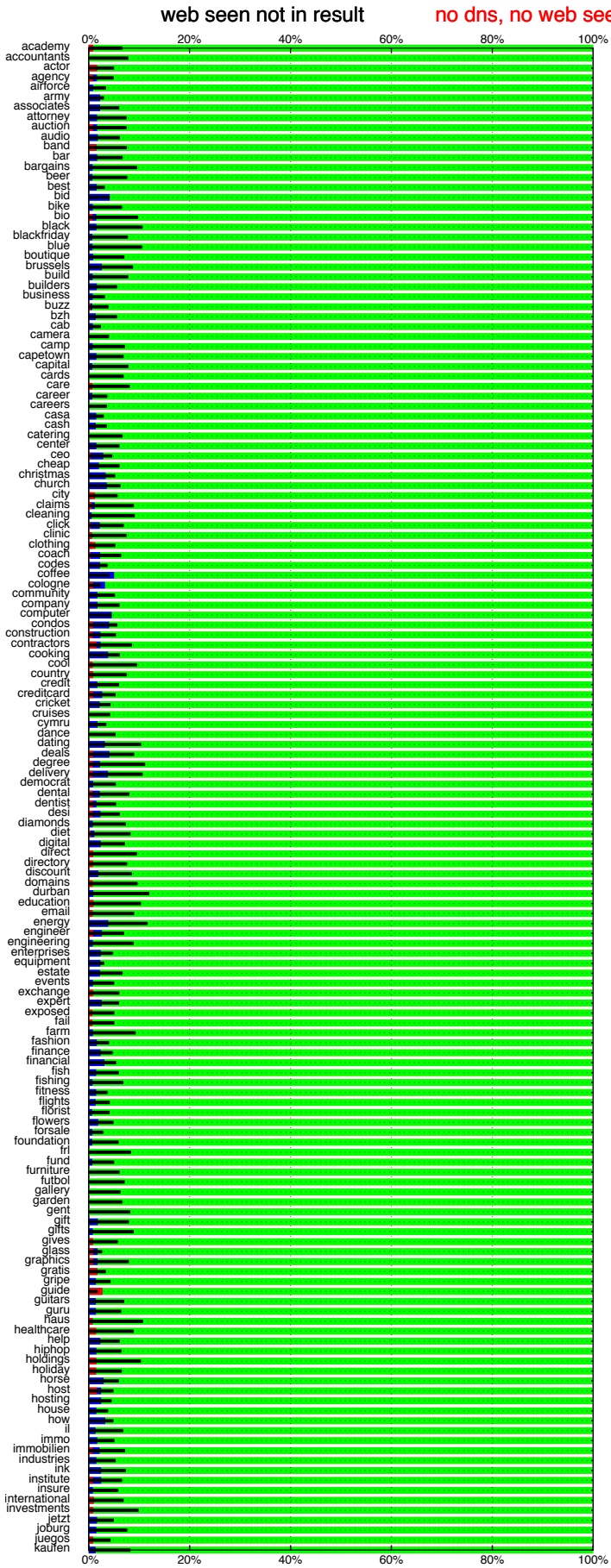
KY - Cayman Islands - Samplecount: 5887

KZ - Kazakhstan - Samplecount: 276878



KZ - Kazakhstan - Samplecount: 276878

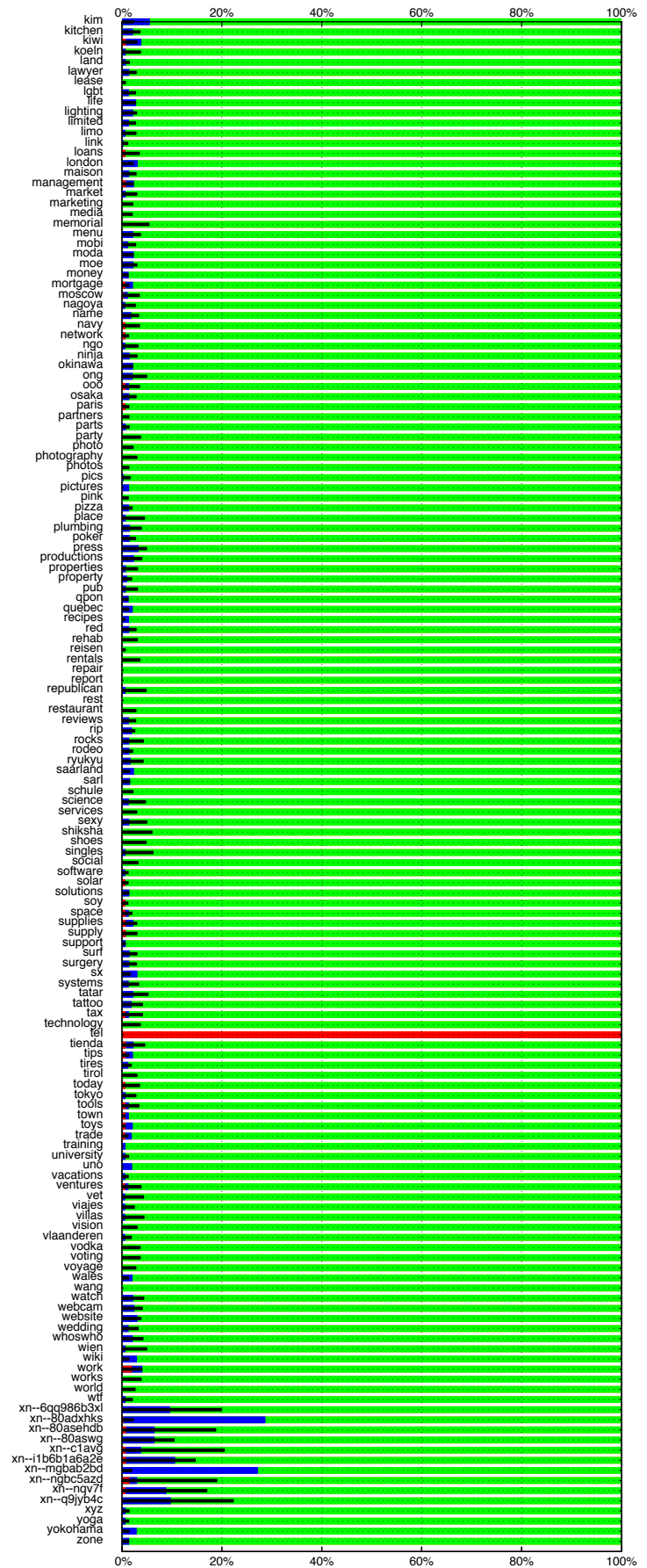
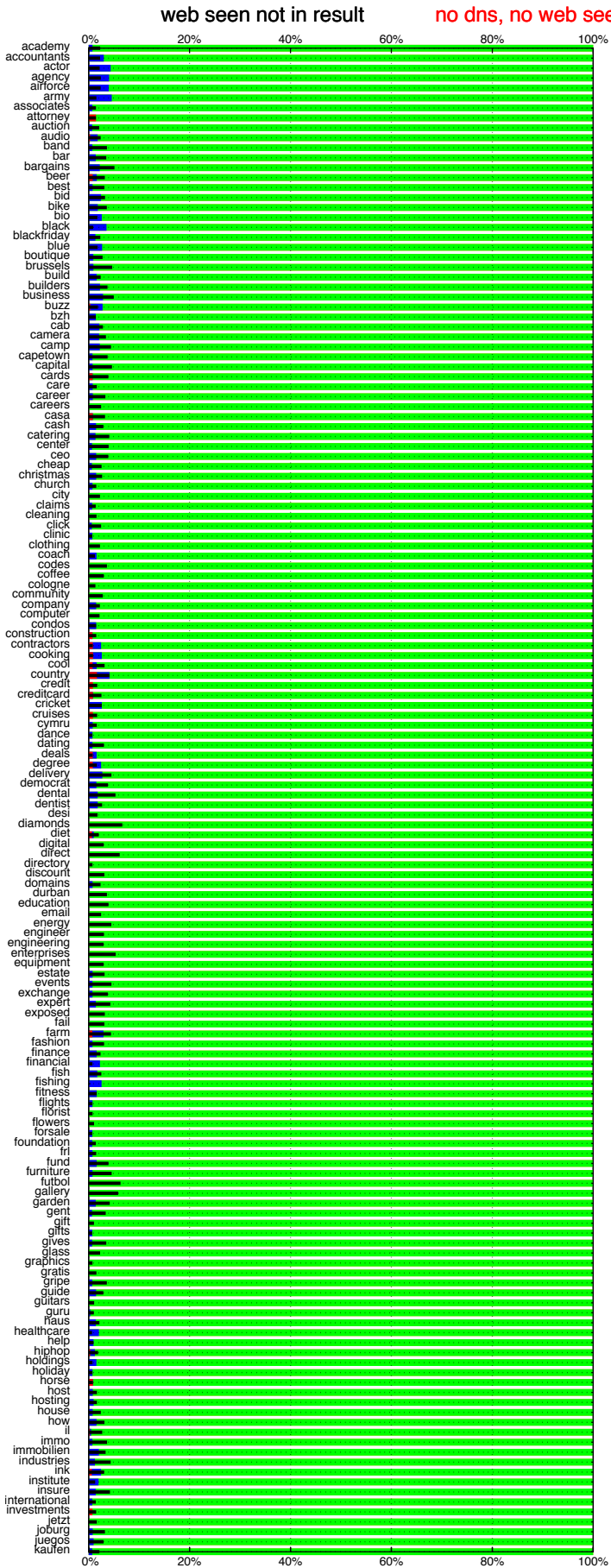
LA - Laos - Samplecount: 39673



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

LA - Laos - Samplecount: 39673

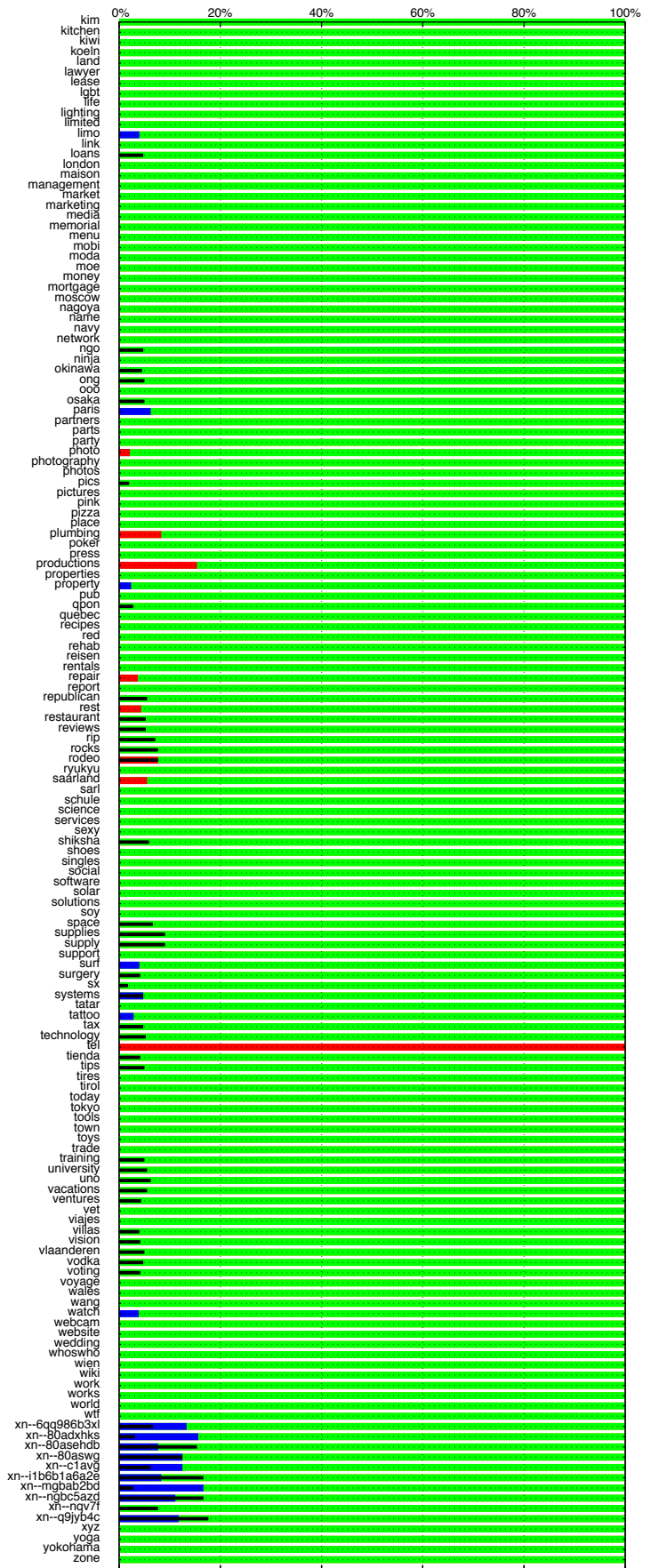
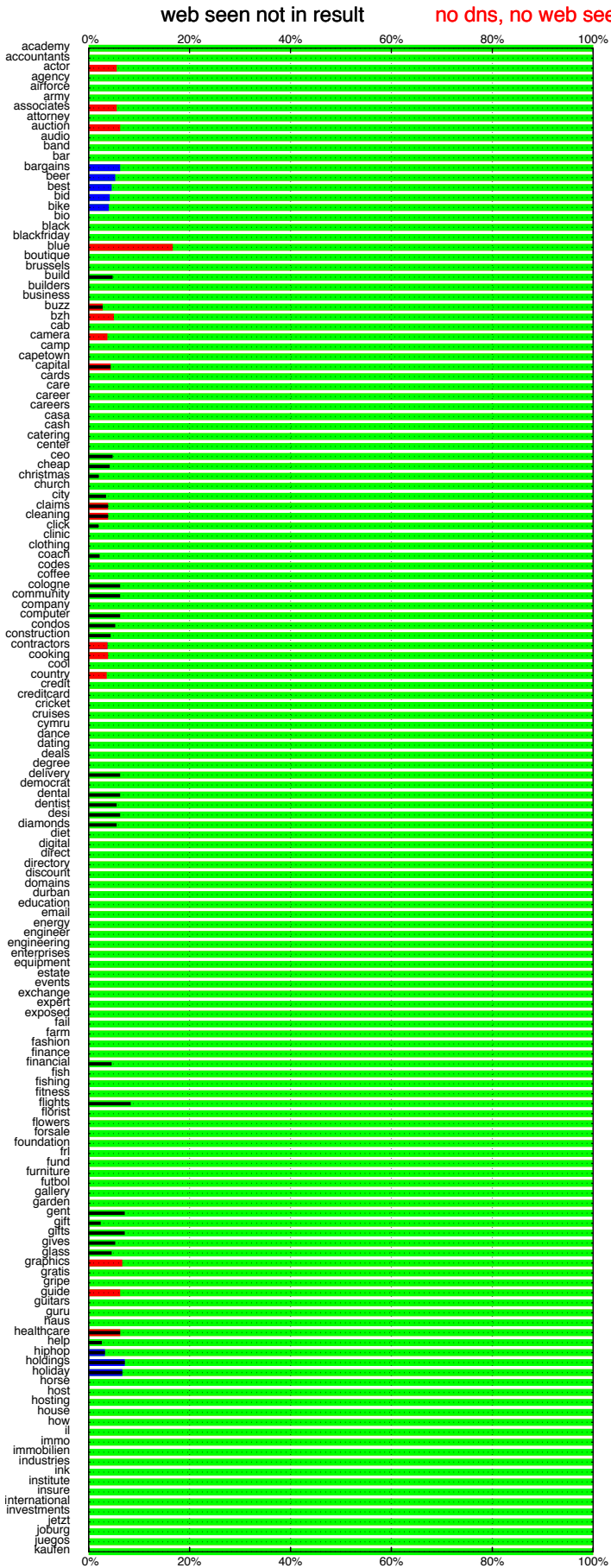
LB - Lebanon - Samplecount: 45421



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

LB - Lebanon - Samplecount: 45421

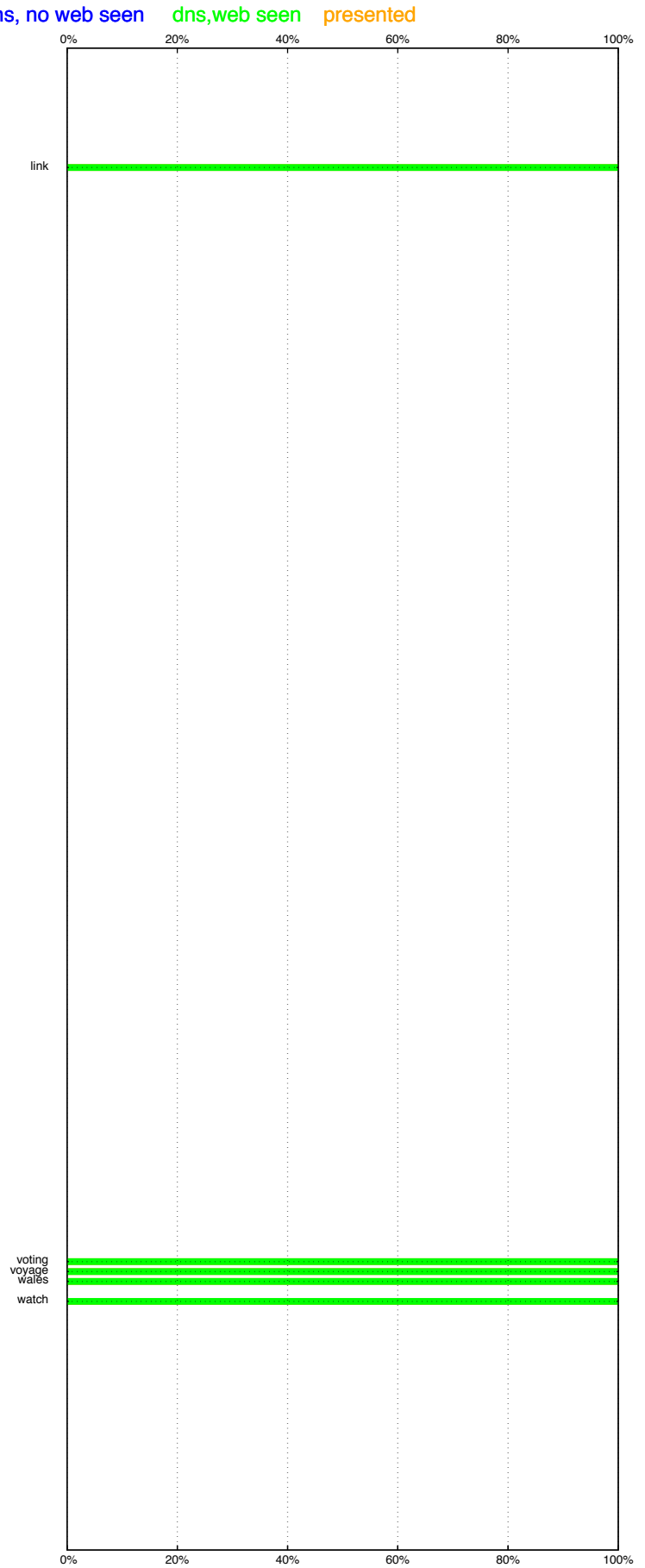
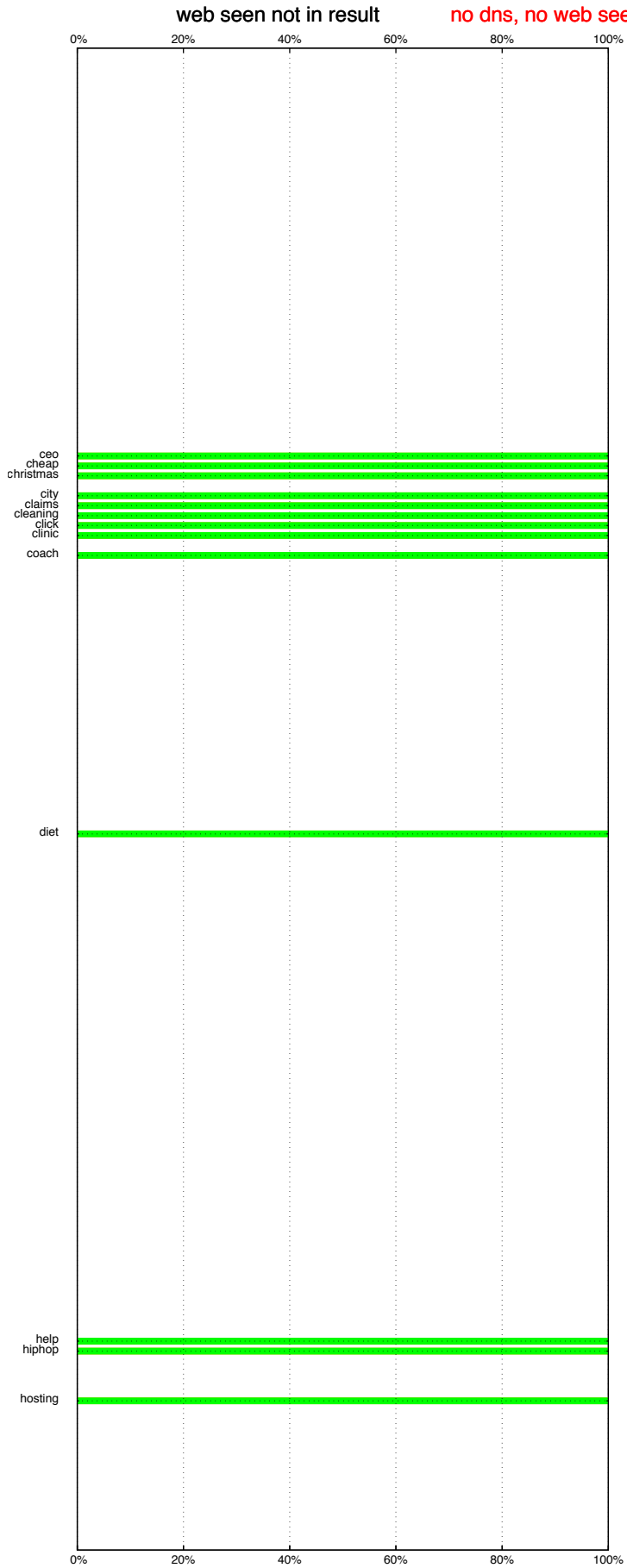
LC - St Lucia - Samplecount: 6314



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

LC - St Lucia - Samplecount: 6314

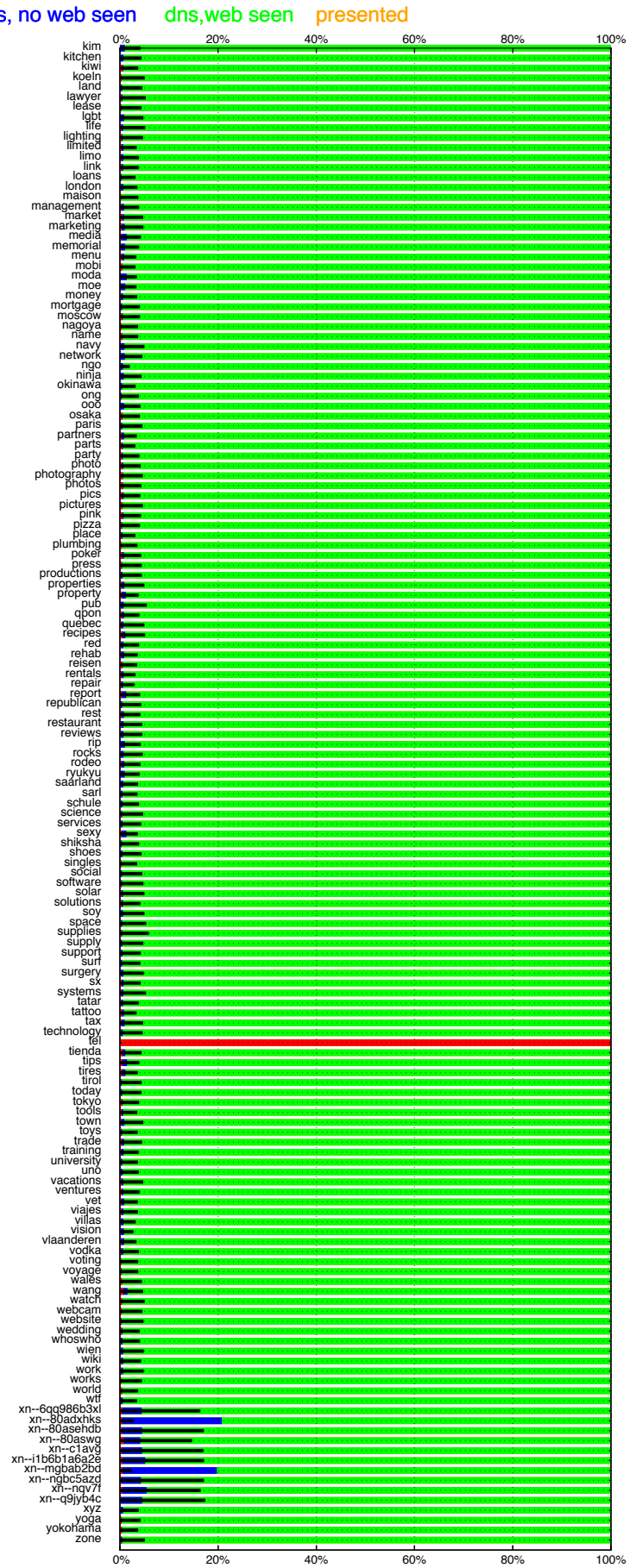
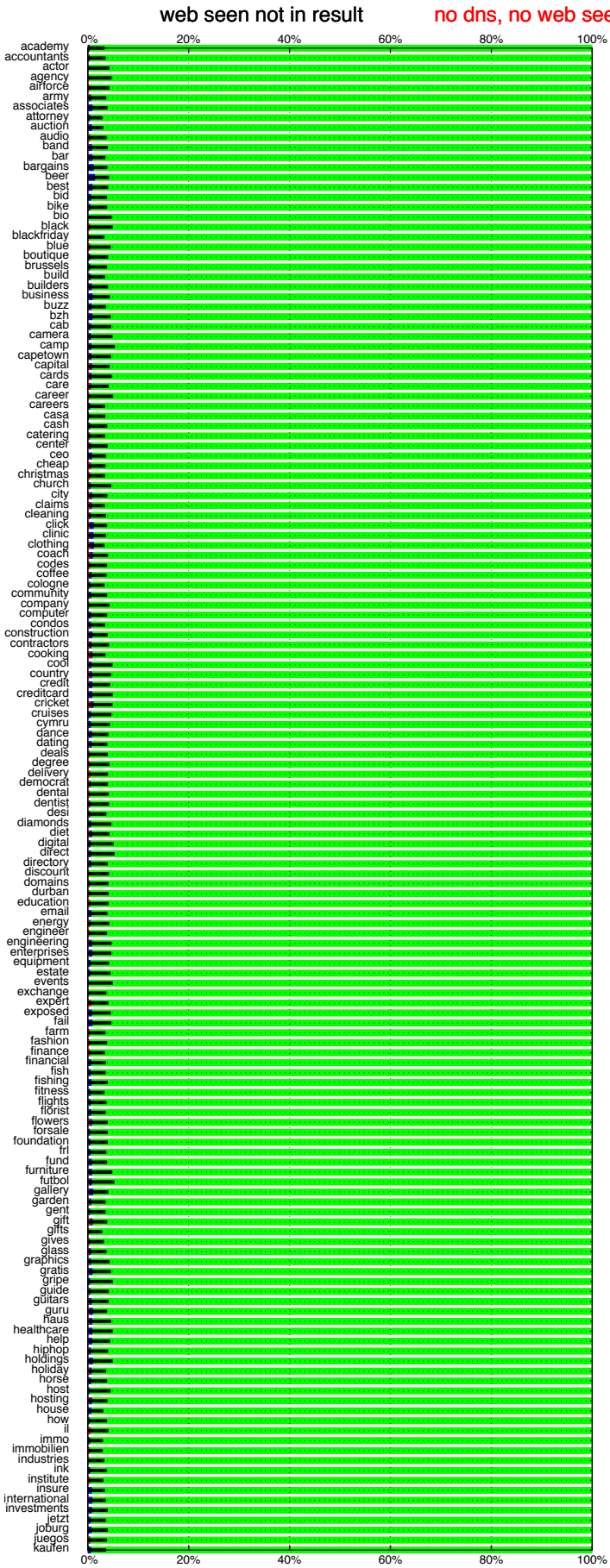
LI - Liechtenstein - Samplecount: 640



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

LI - Liechtenstein - Samplecount: 640

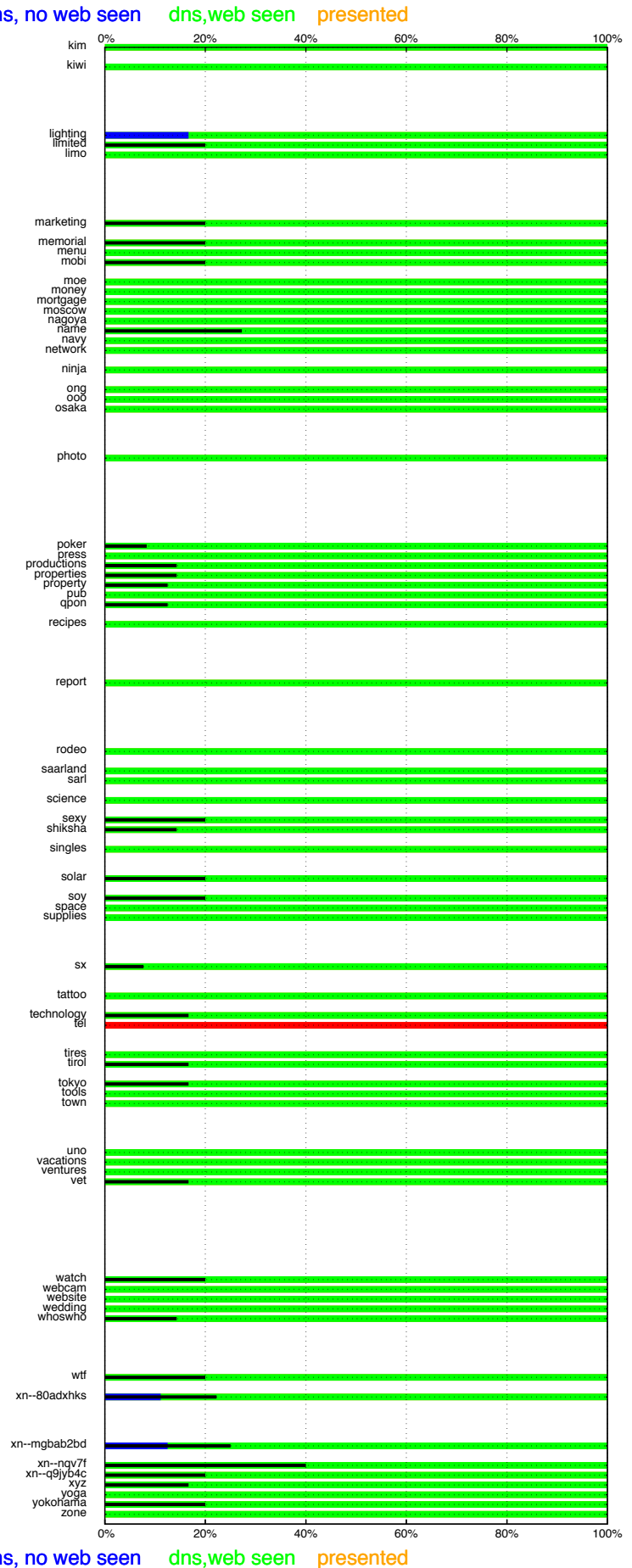
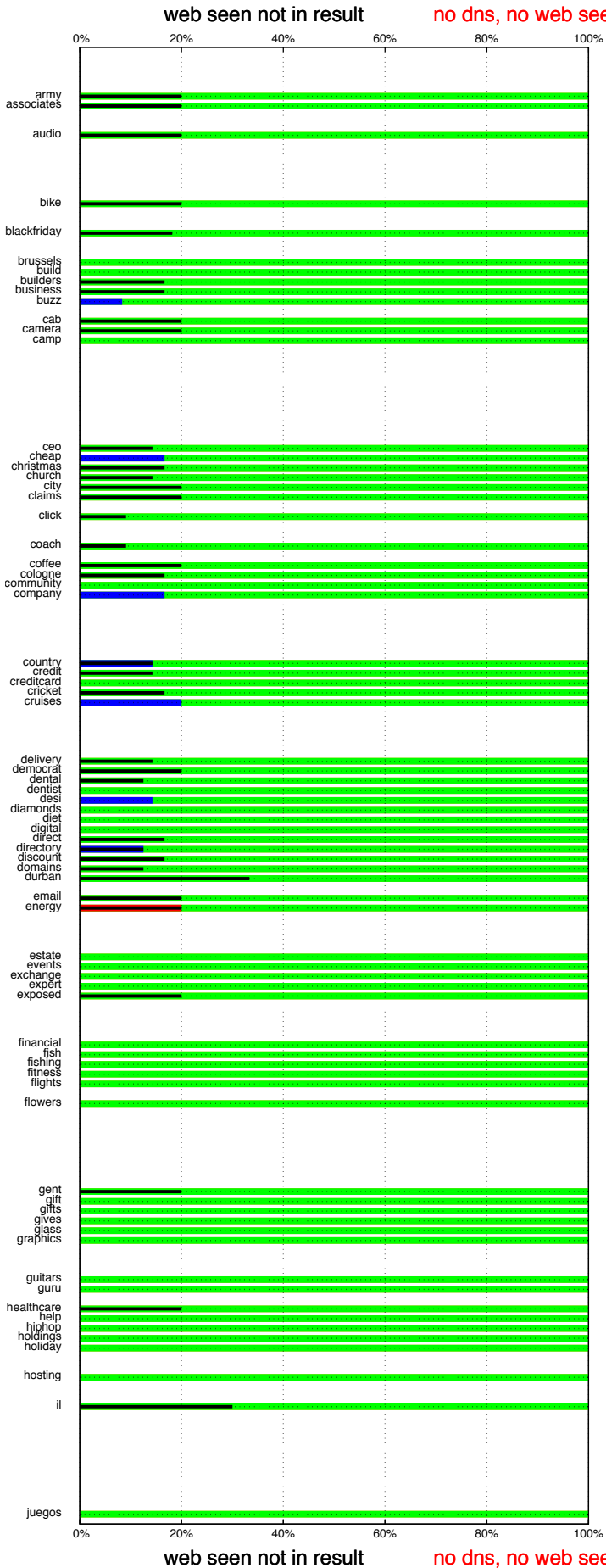
LK - Sri Lanka - Samplecount: 349385



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

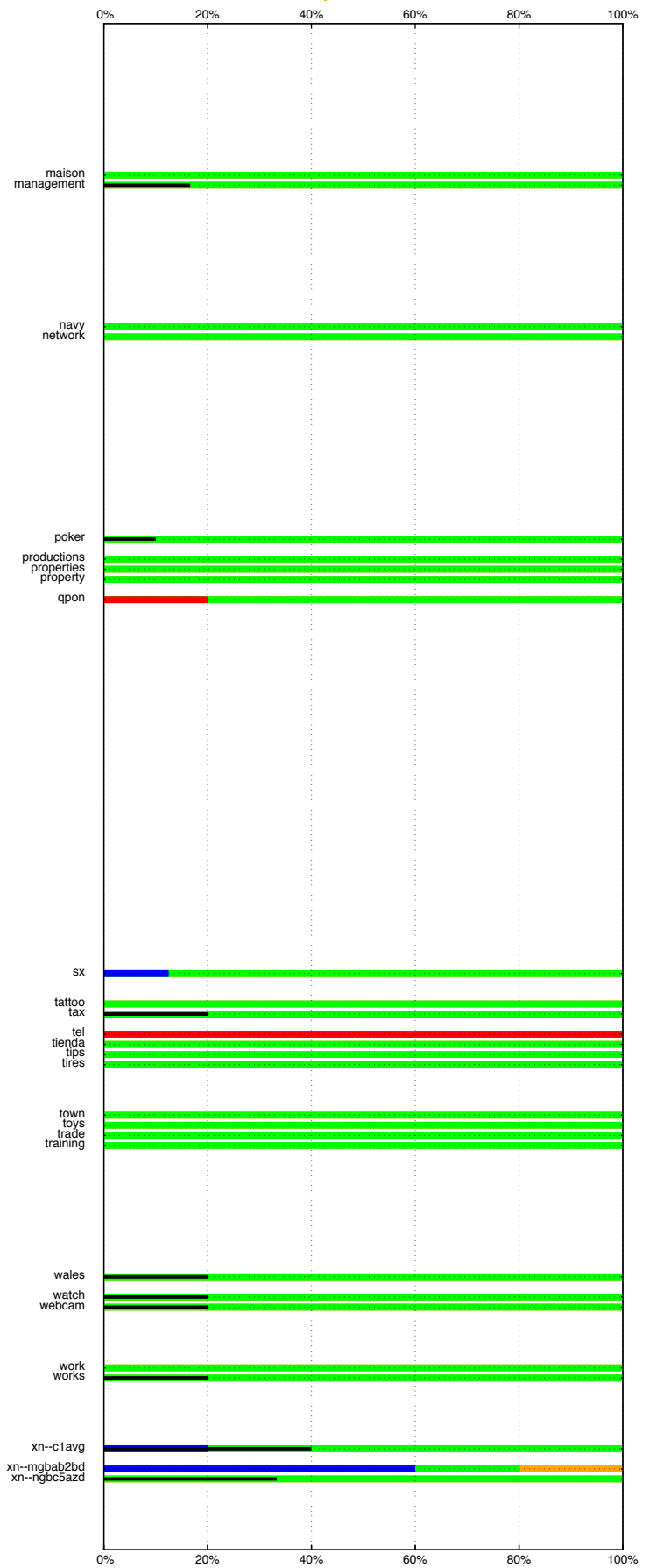
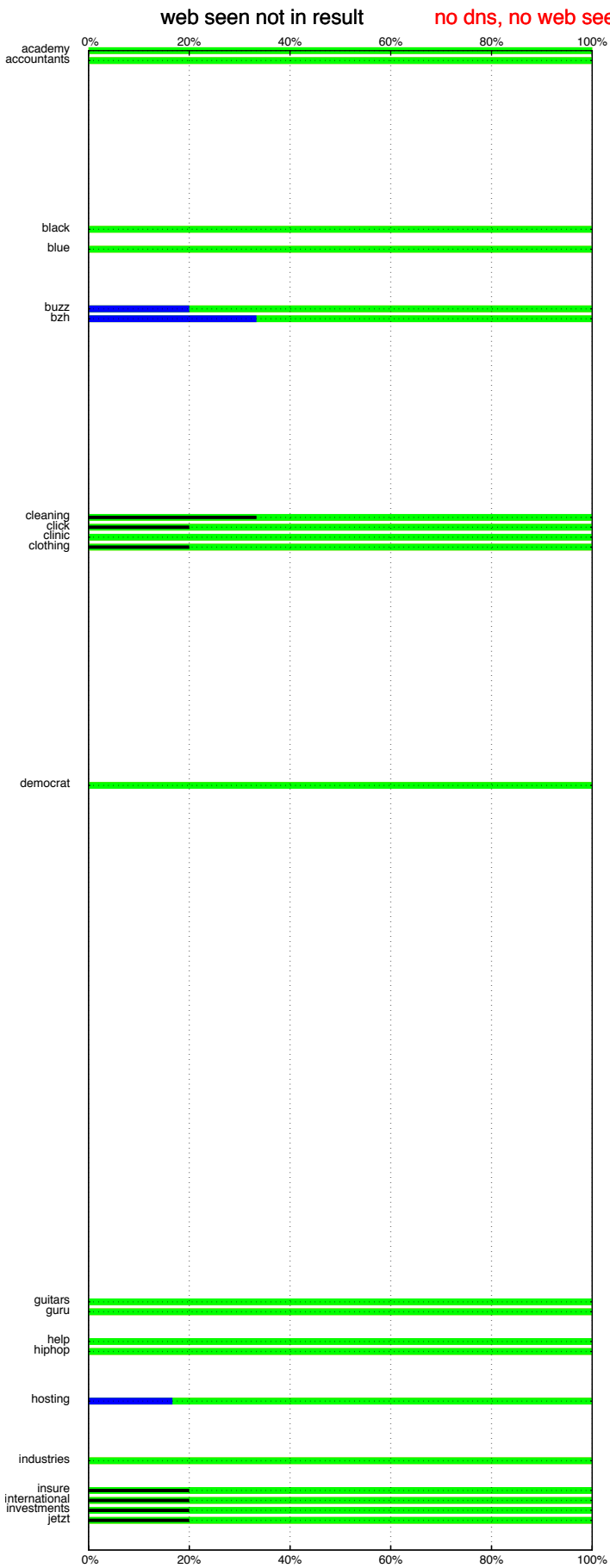
LK - Sri Lanka - Samplecount: 349385

LR - Liberia - Samplecount: 1268



LR - Liberia - Samplecount: 1268

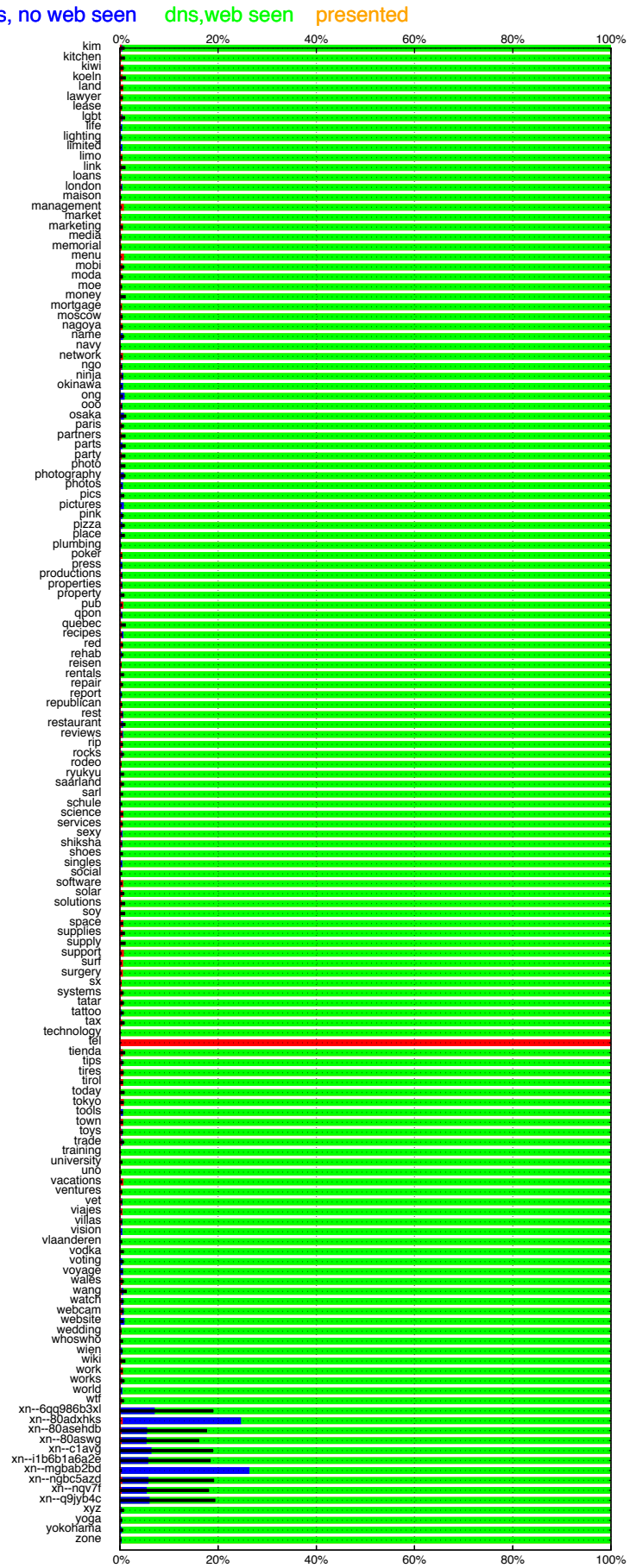
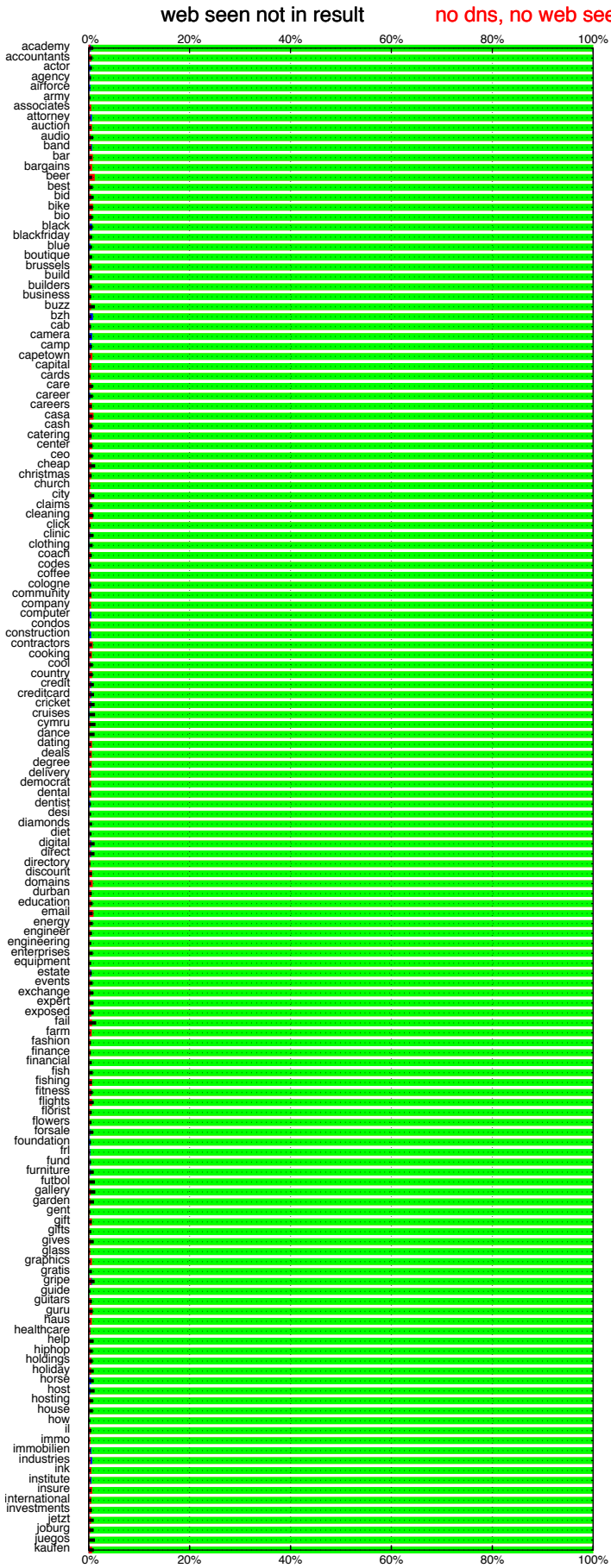
LS - Lesotho - Samplecount: 770



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

LS - Lesotho - Samplecount: 770

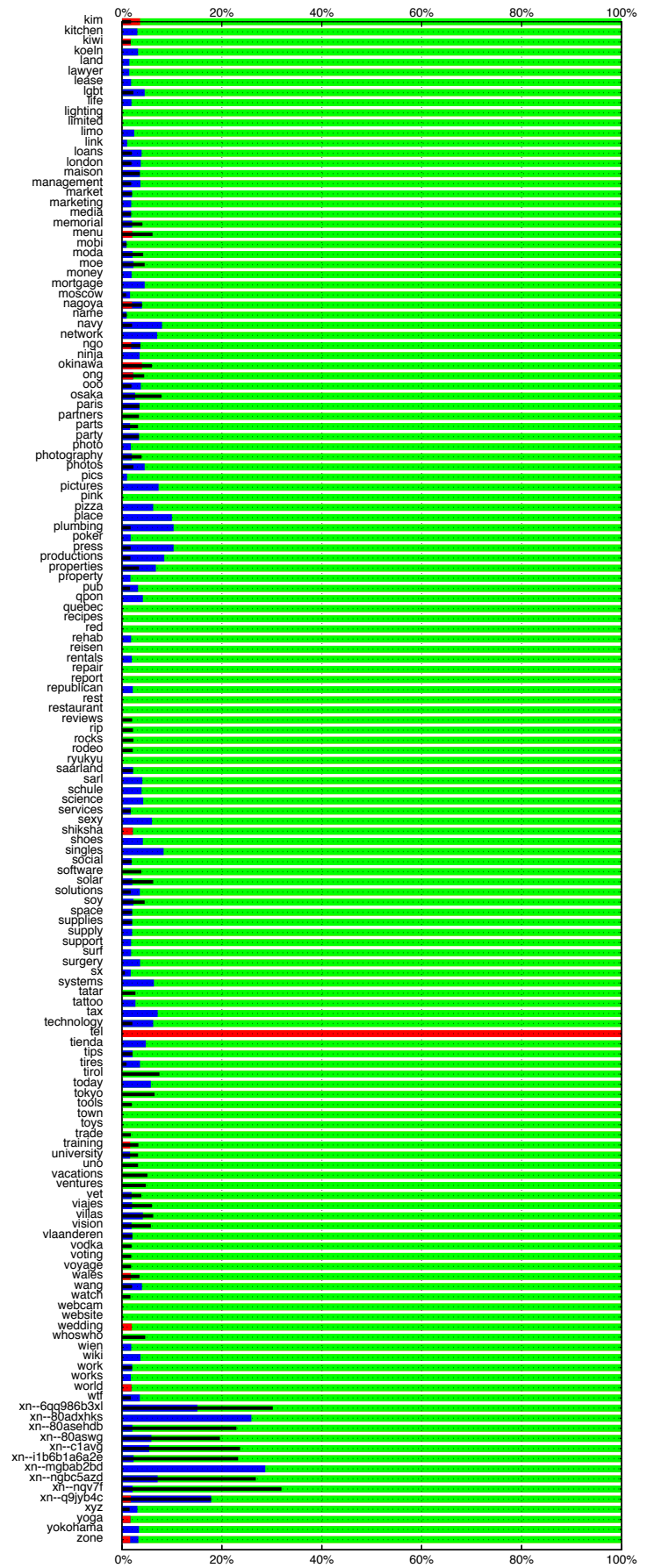
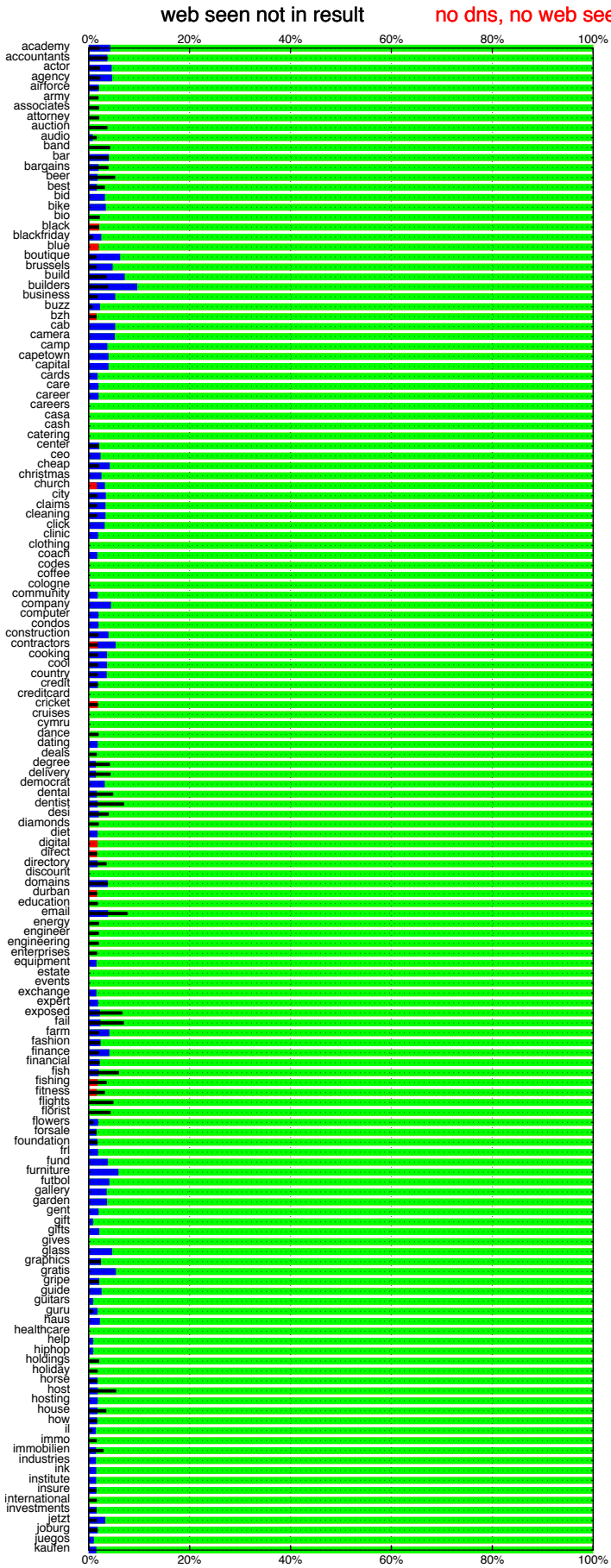
LT - Lithuania - Samplecount: 203860



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

LT - Lithuania - Samplecount: 203860

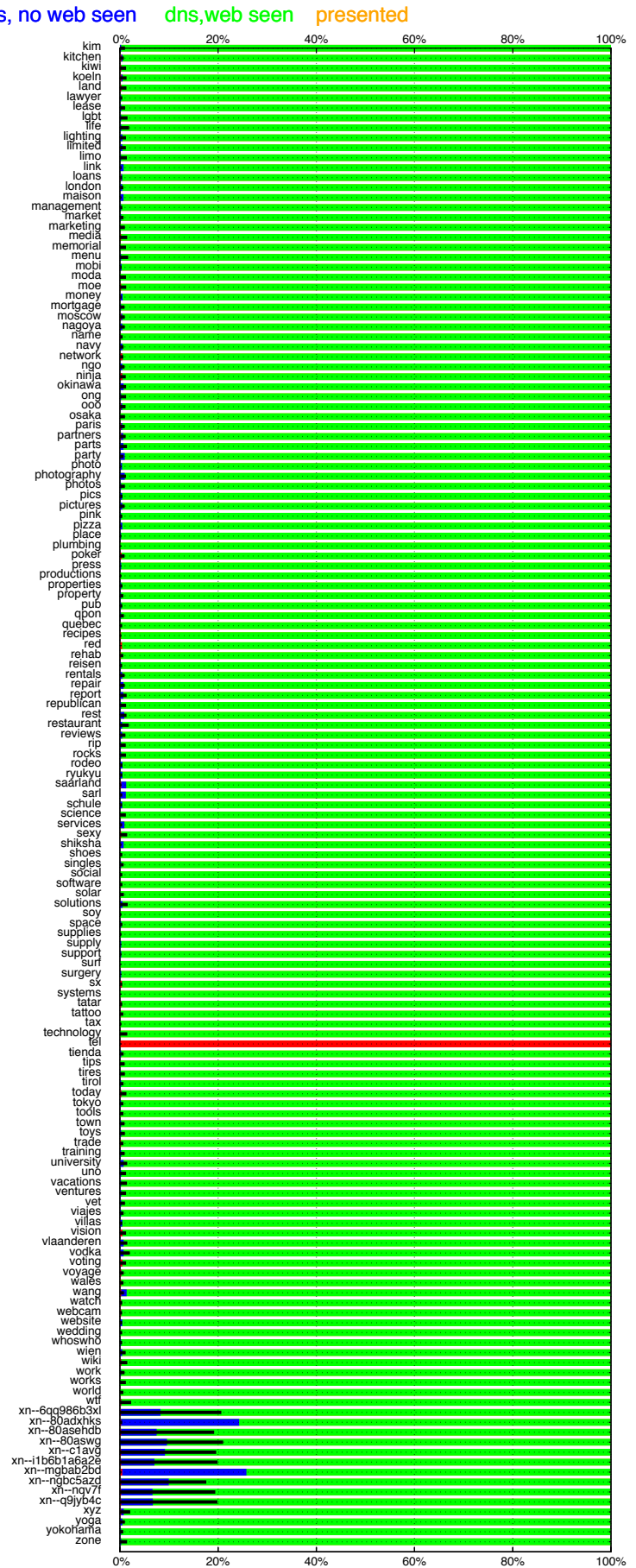
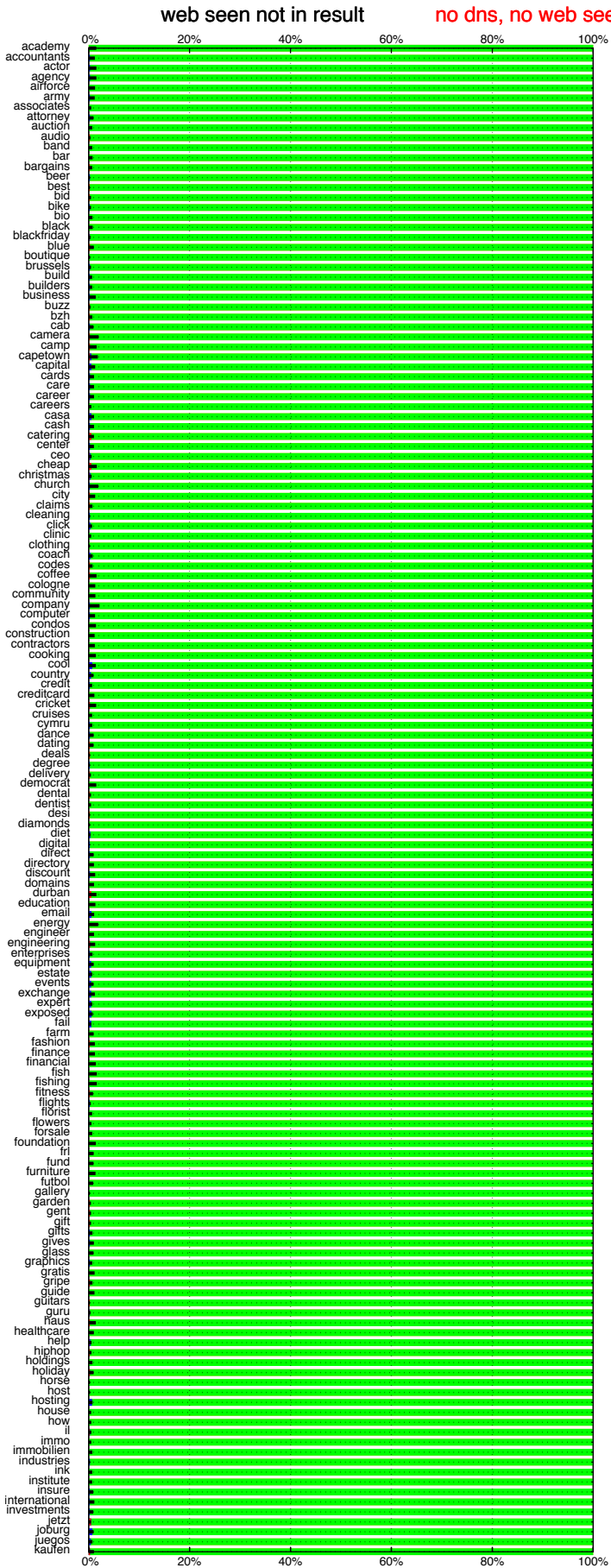
LU - Luxembourg - Samplecount: 17838



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

LU - Luxembourg - Samplecount: 17838

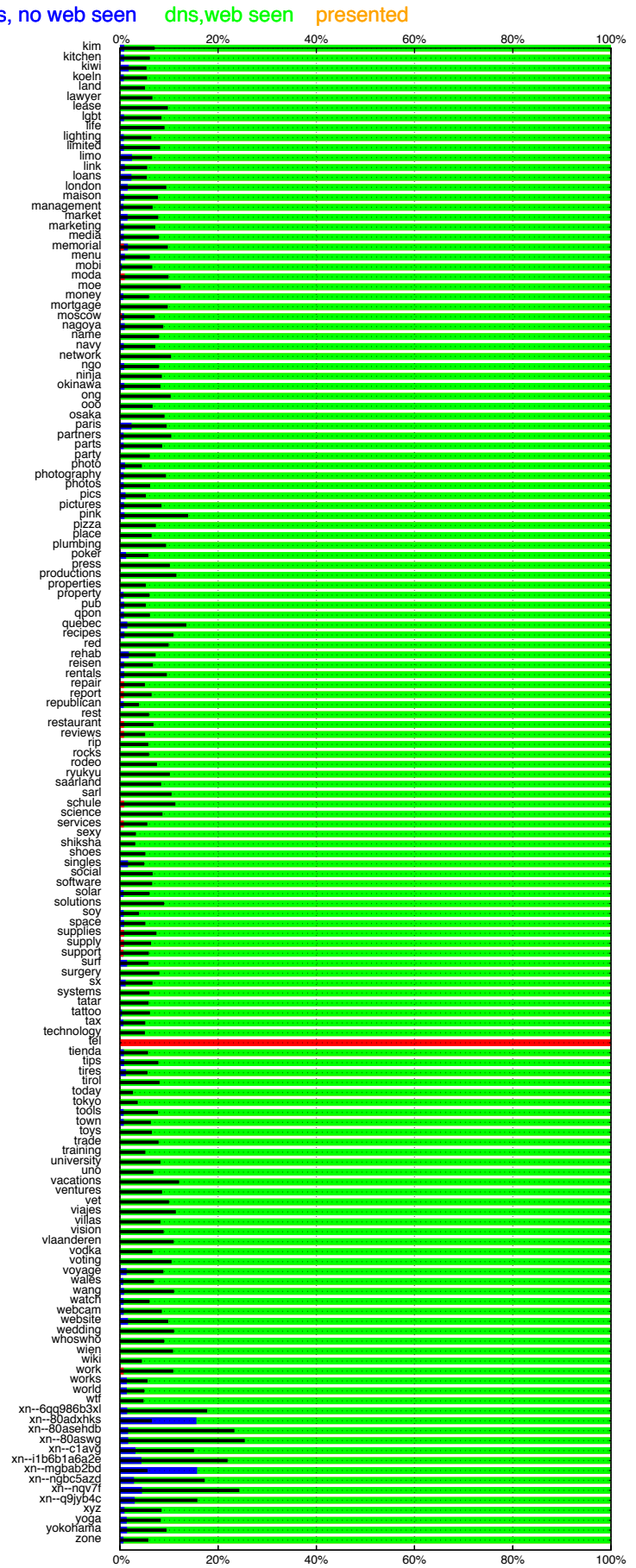
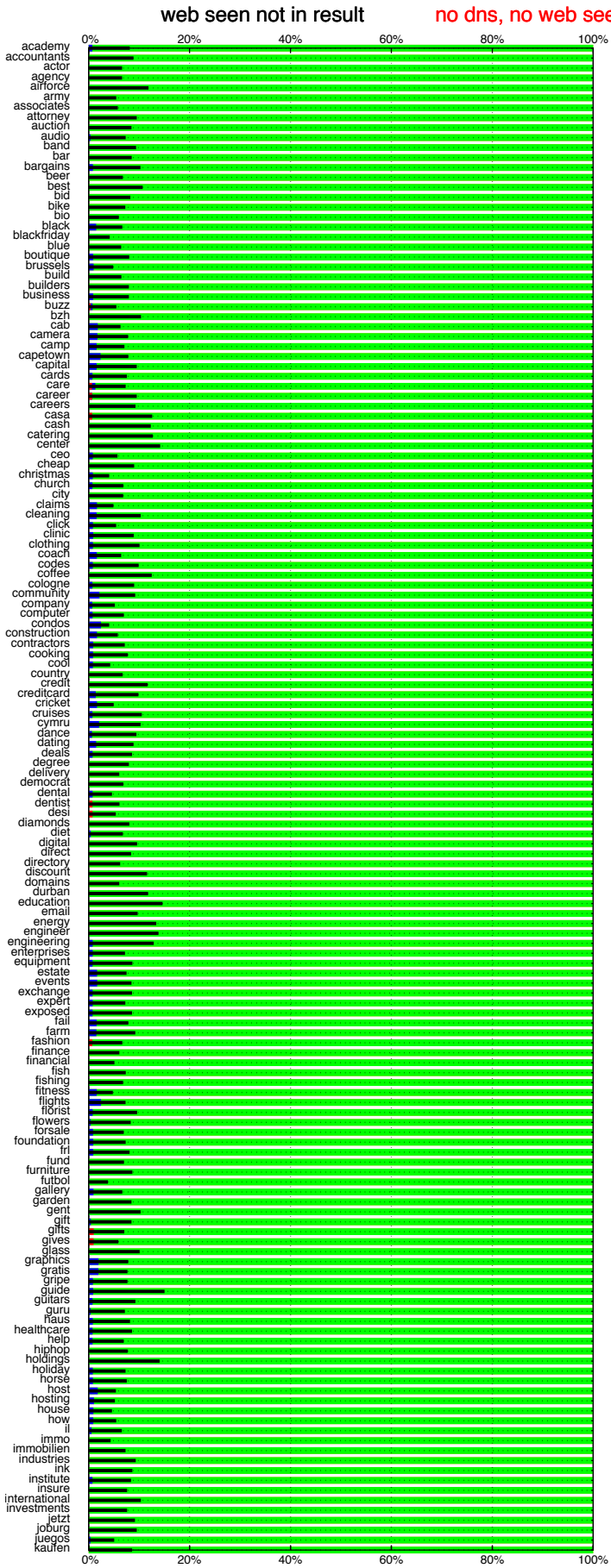
LV - Latvia - Samplecount: 138033



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

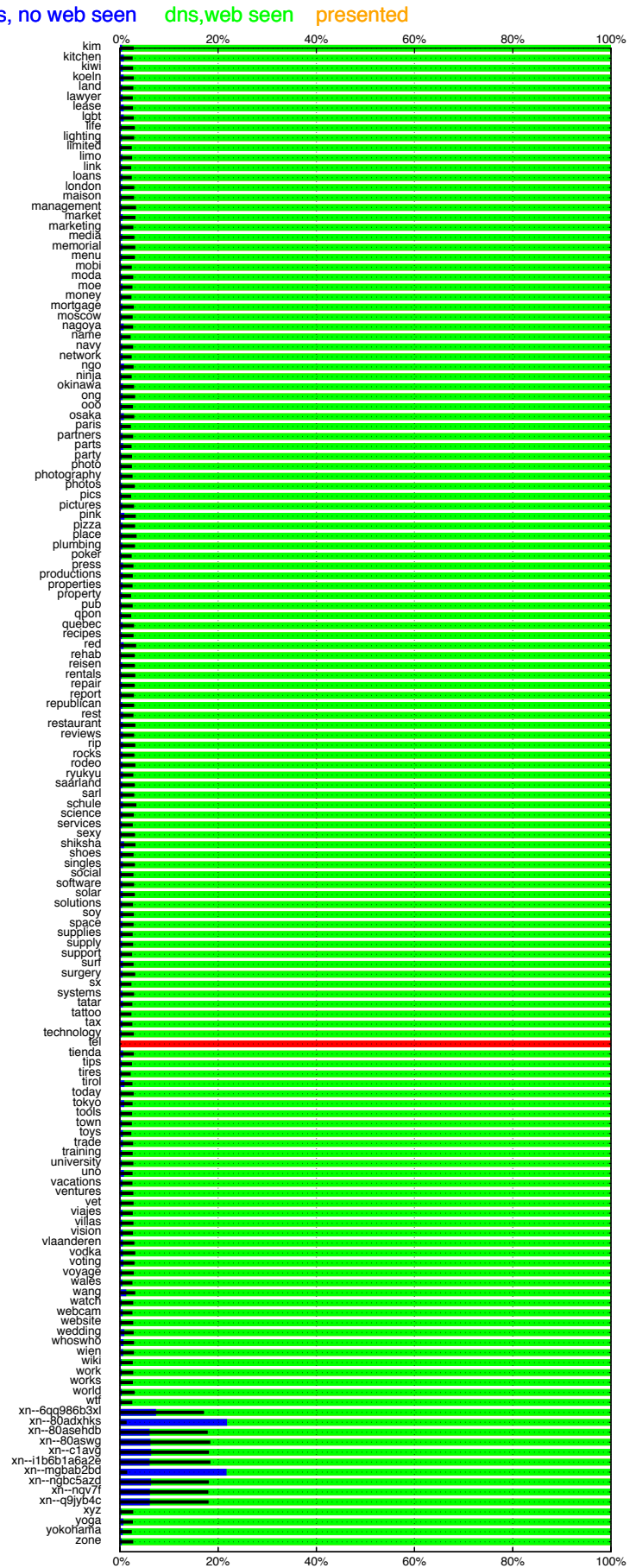
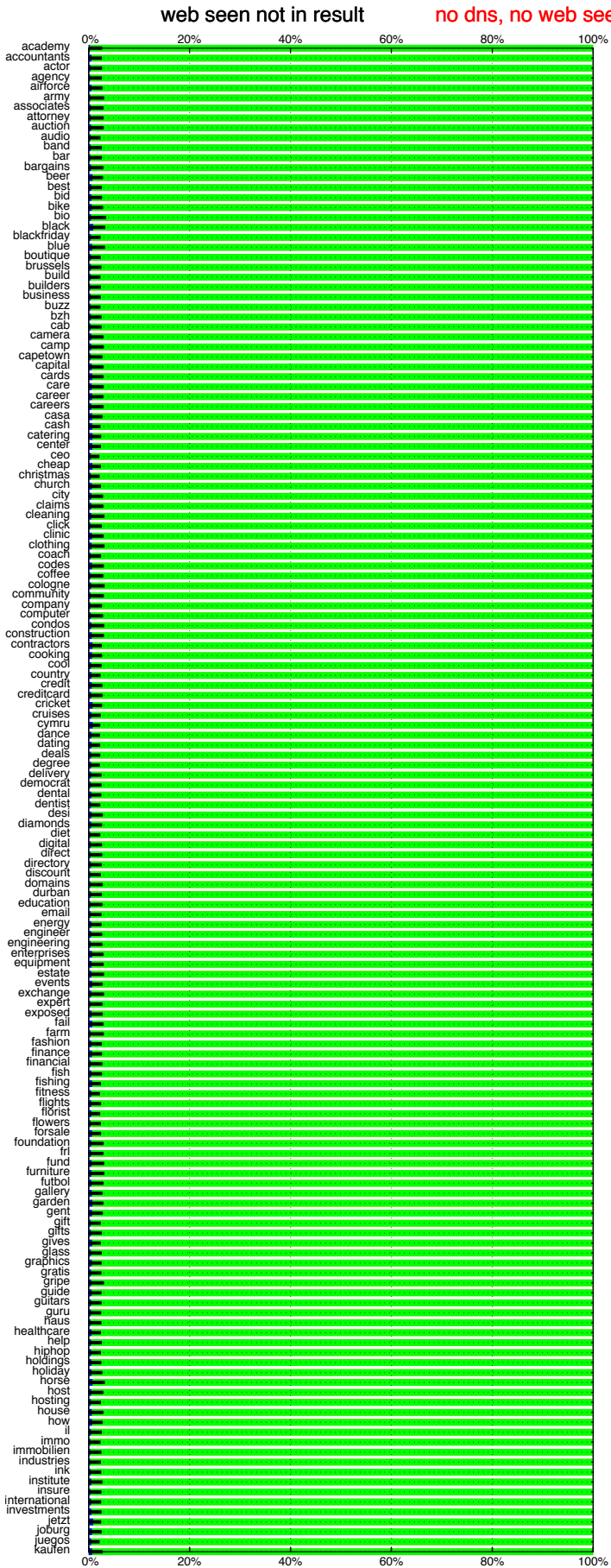
LV - Latvia - Samplecount: 138033

LY - Libya - Samplecount: 38696



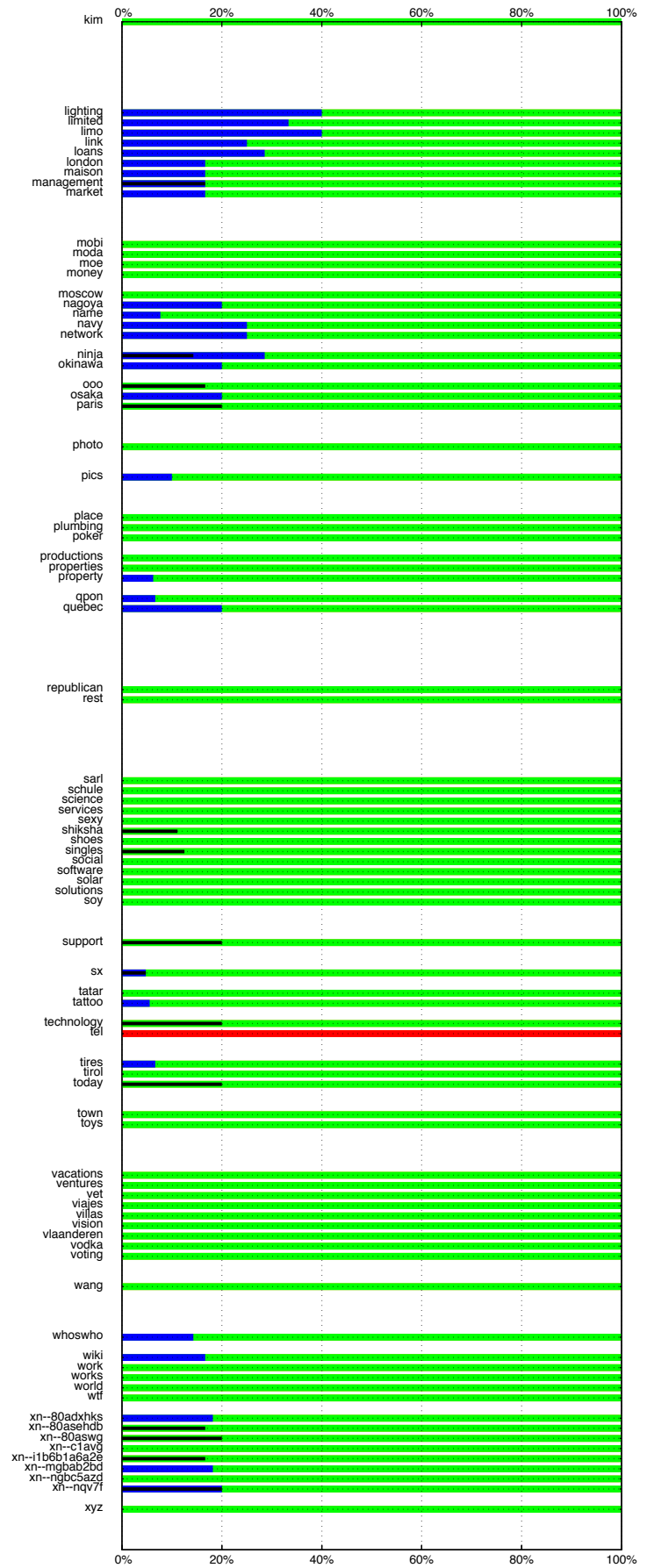
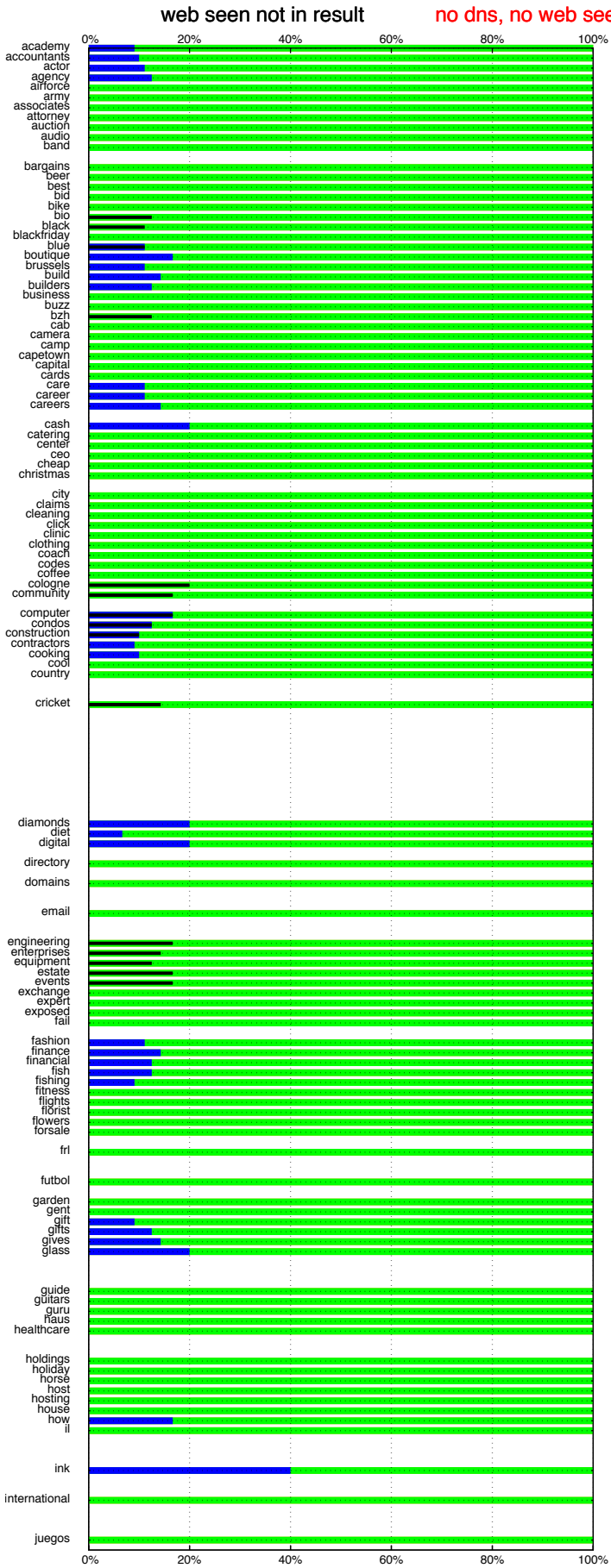
LY - Libya - Samplecount: 38696

MA - Morocco - Samplecount: 1468666



MA - Morocco - Samplecount: 1468666

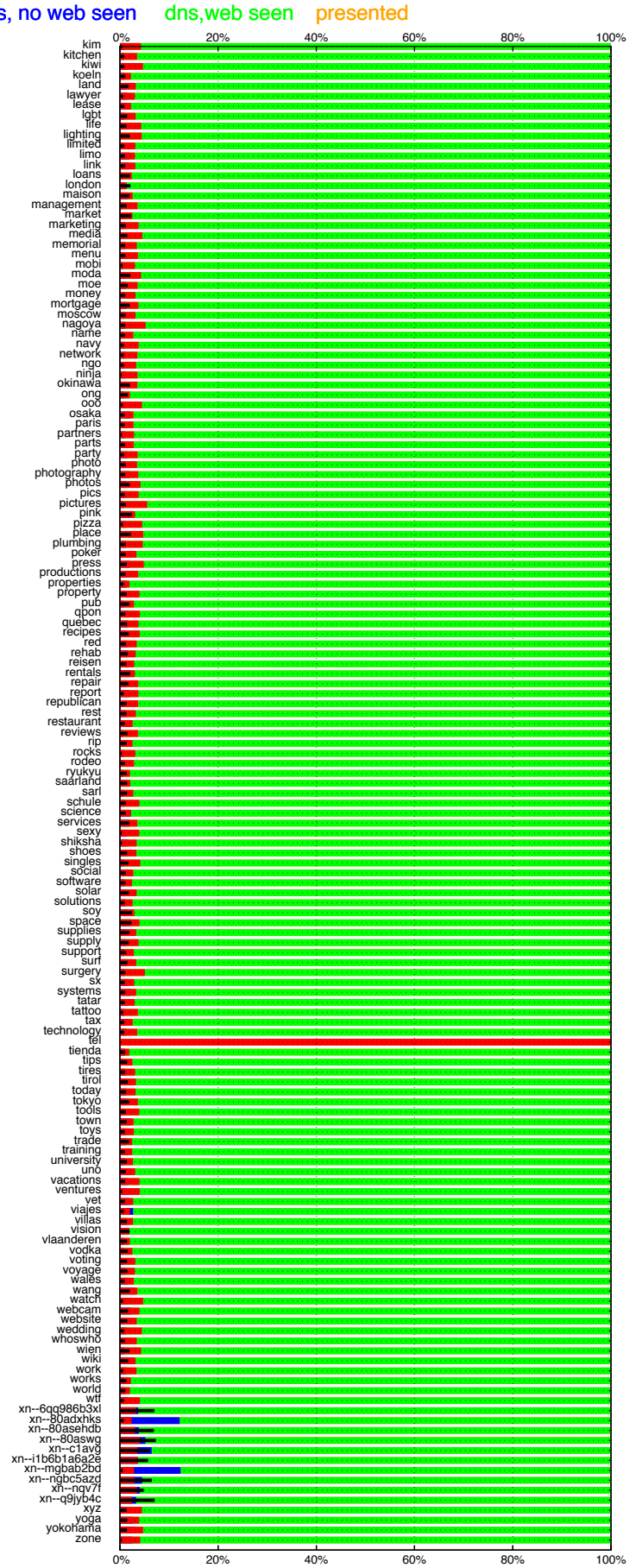
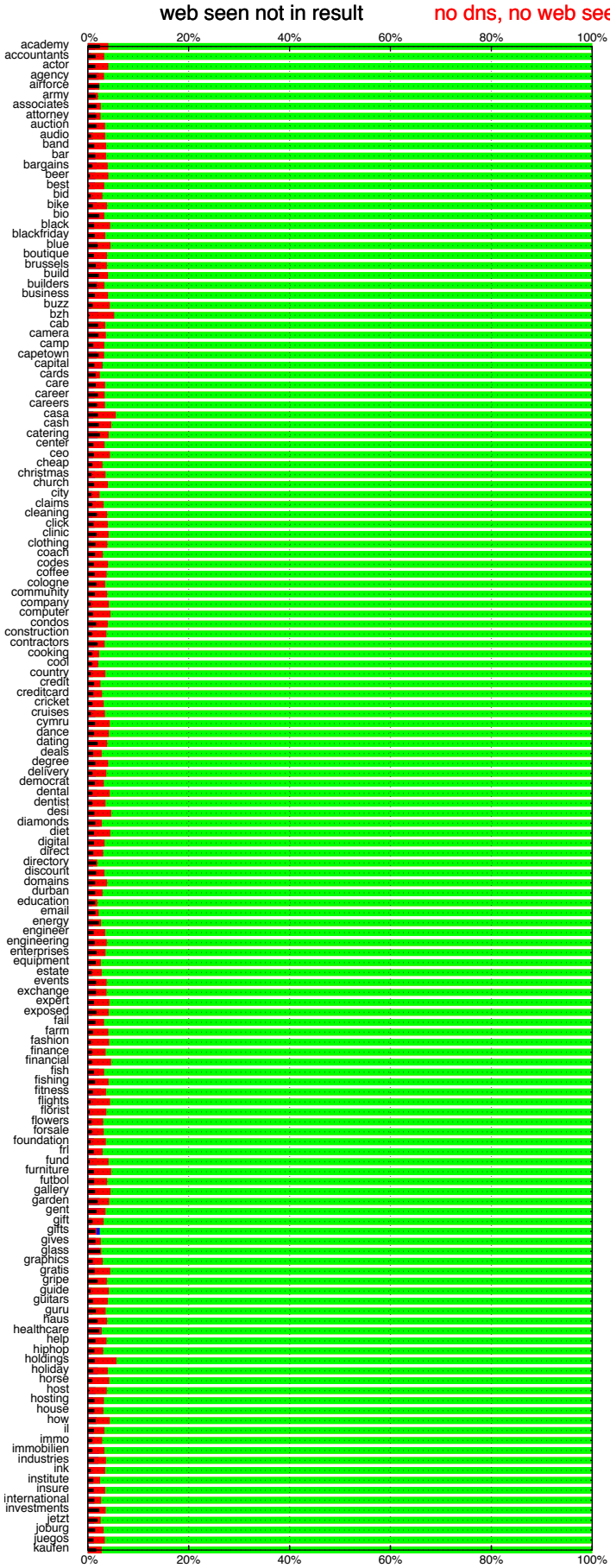
MC - Monaco - Samplecount: 1774



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

MC - Monaco - Samplecount: 1774

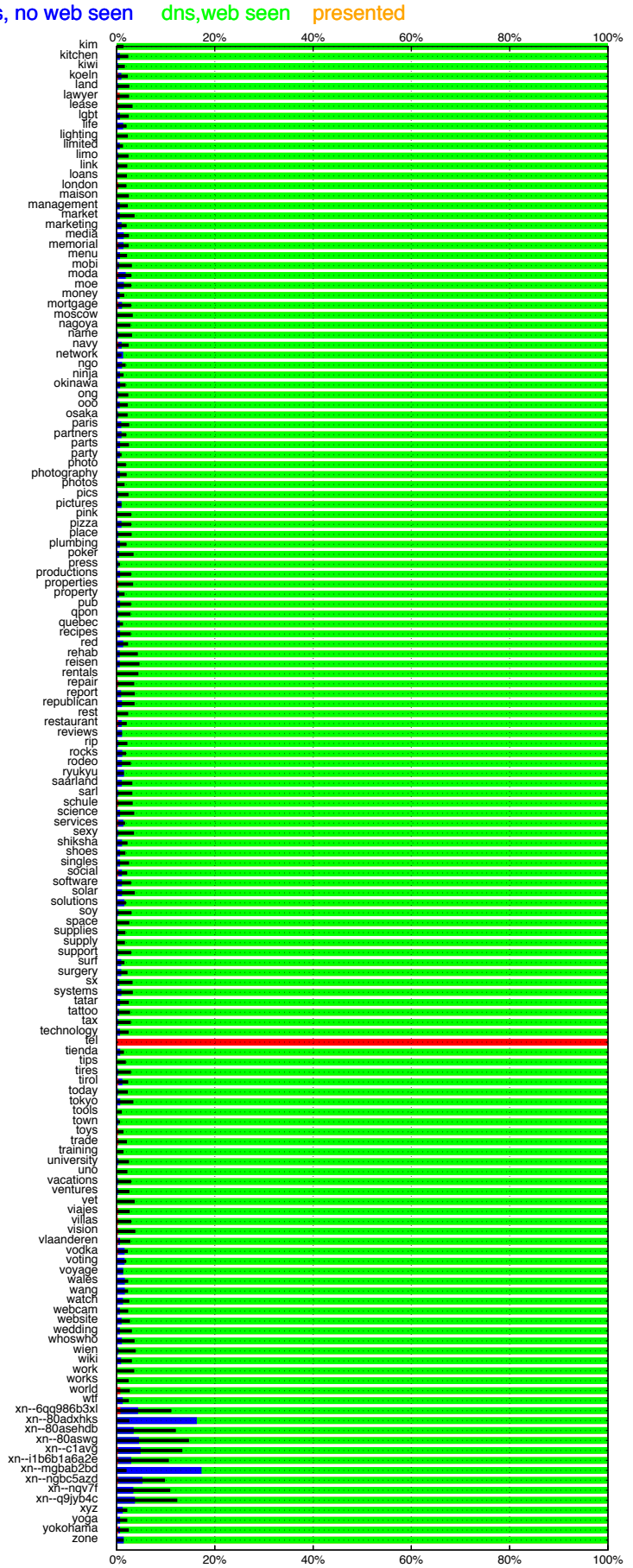
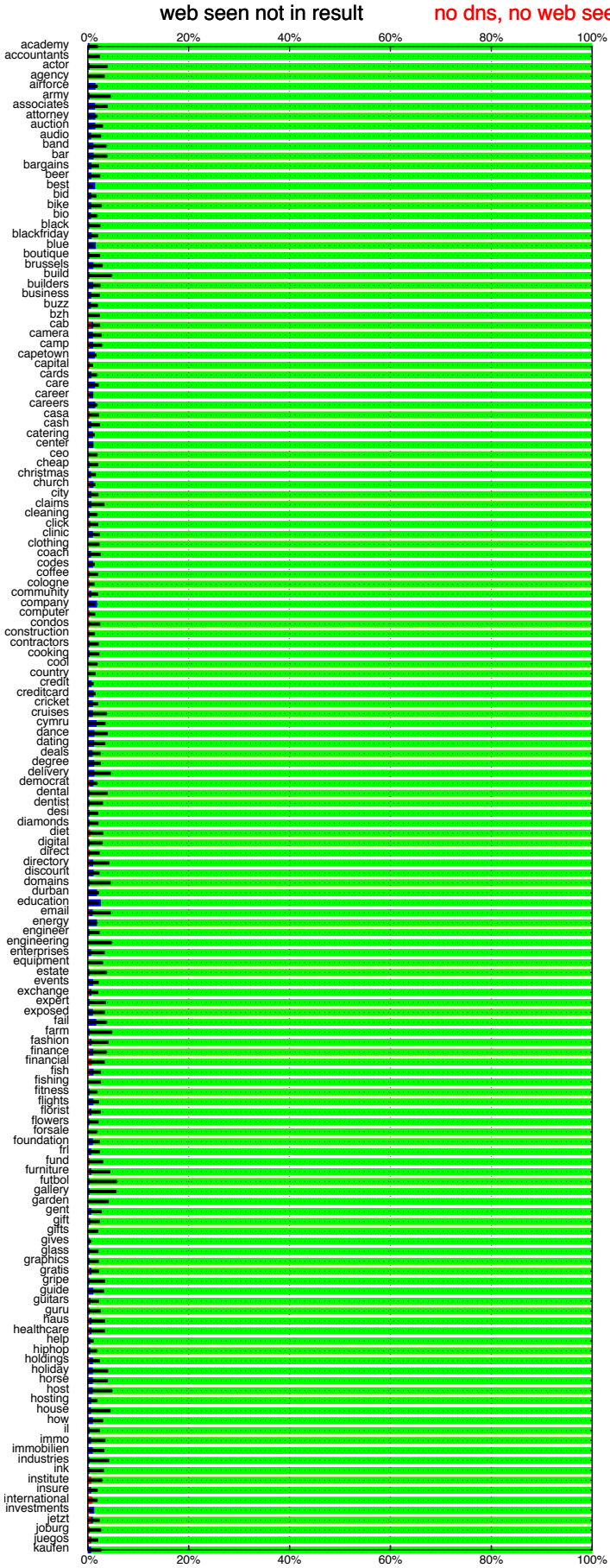
MD - Moldova - Samplecount: 160728



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

MD - Moldova - Samplecount: 160728

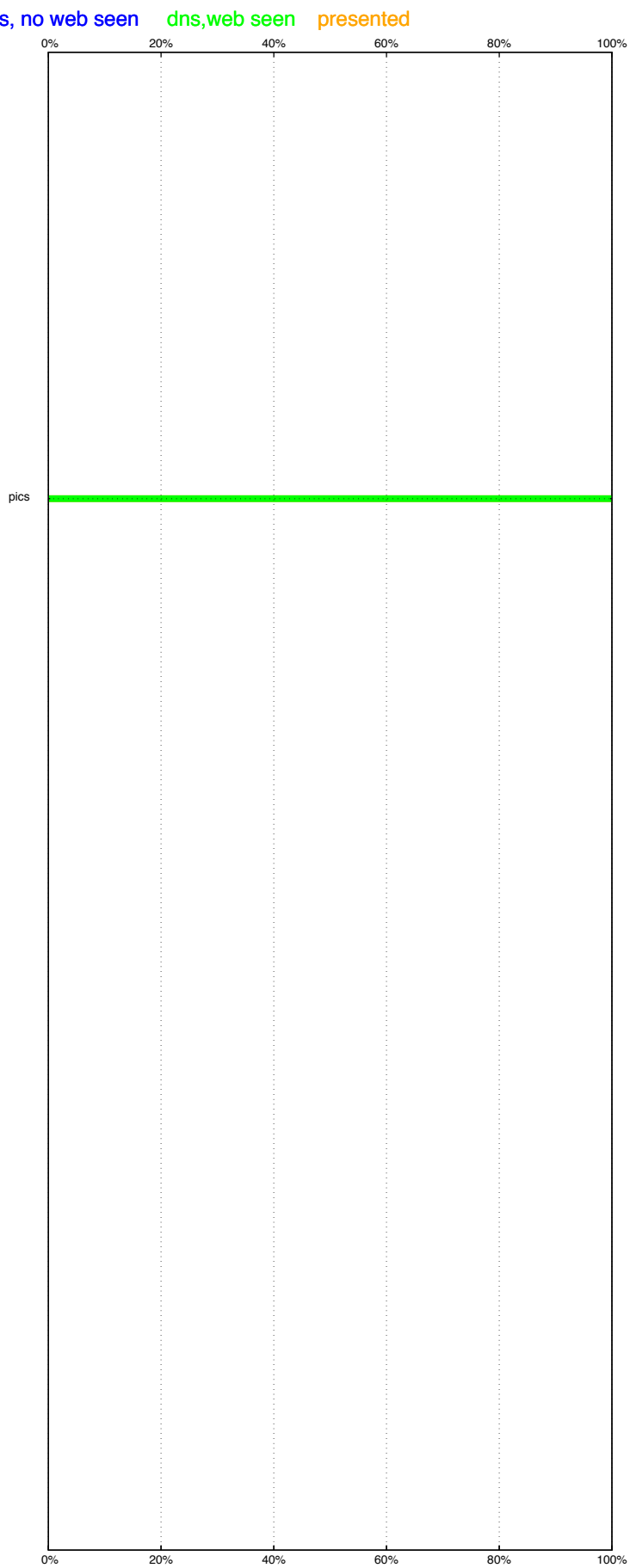
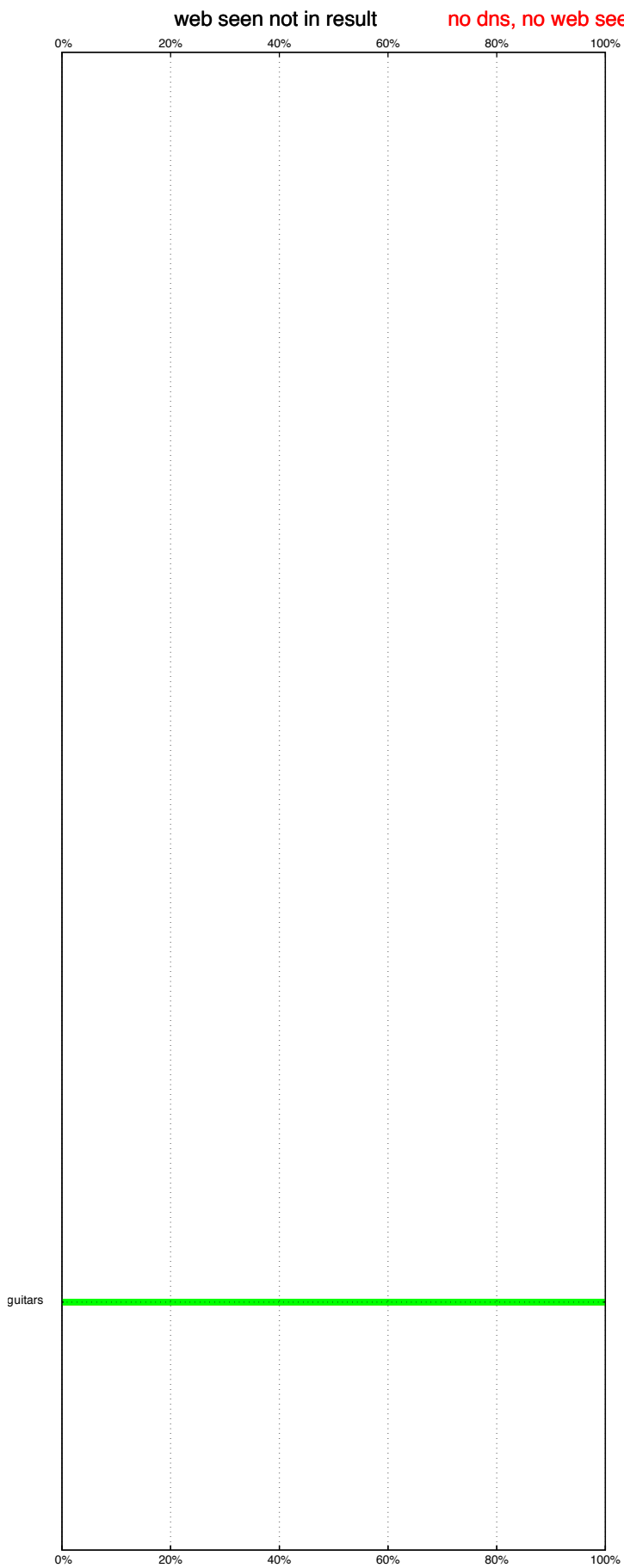
ME - Montenegro - Samplecount: 94951



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

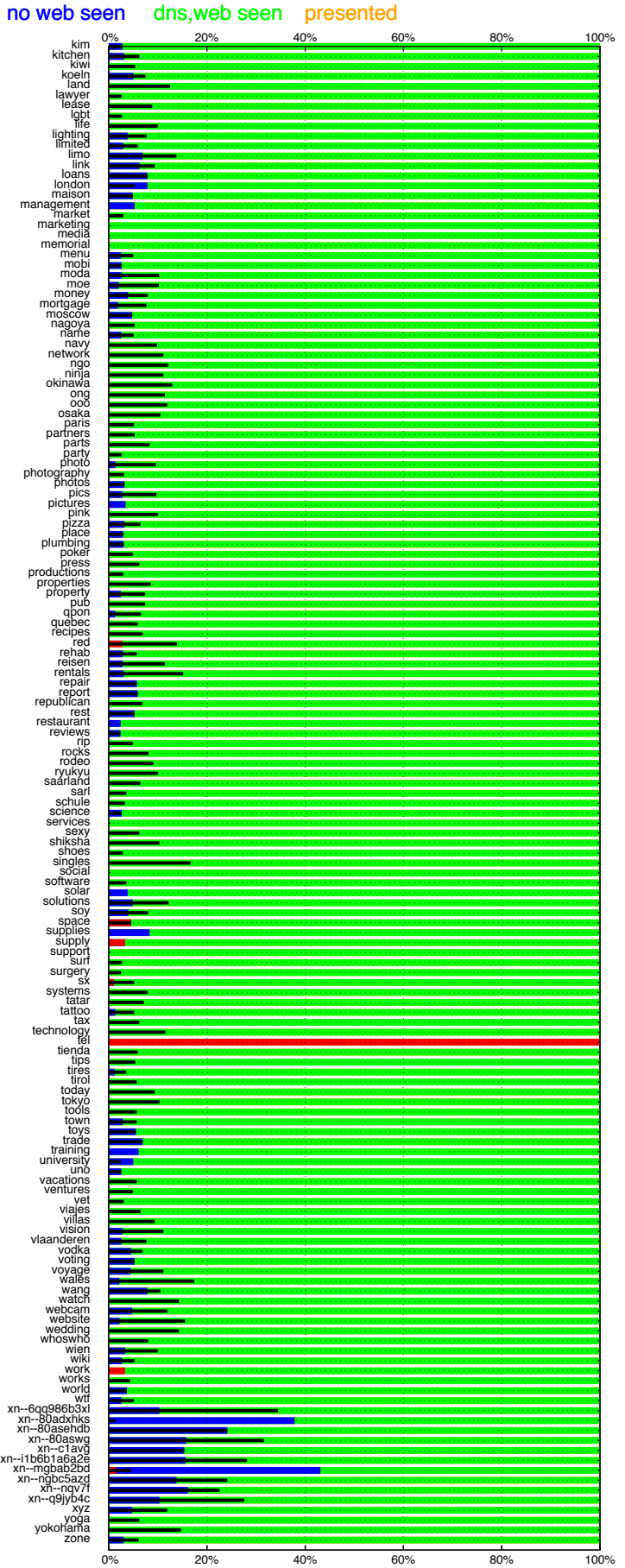
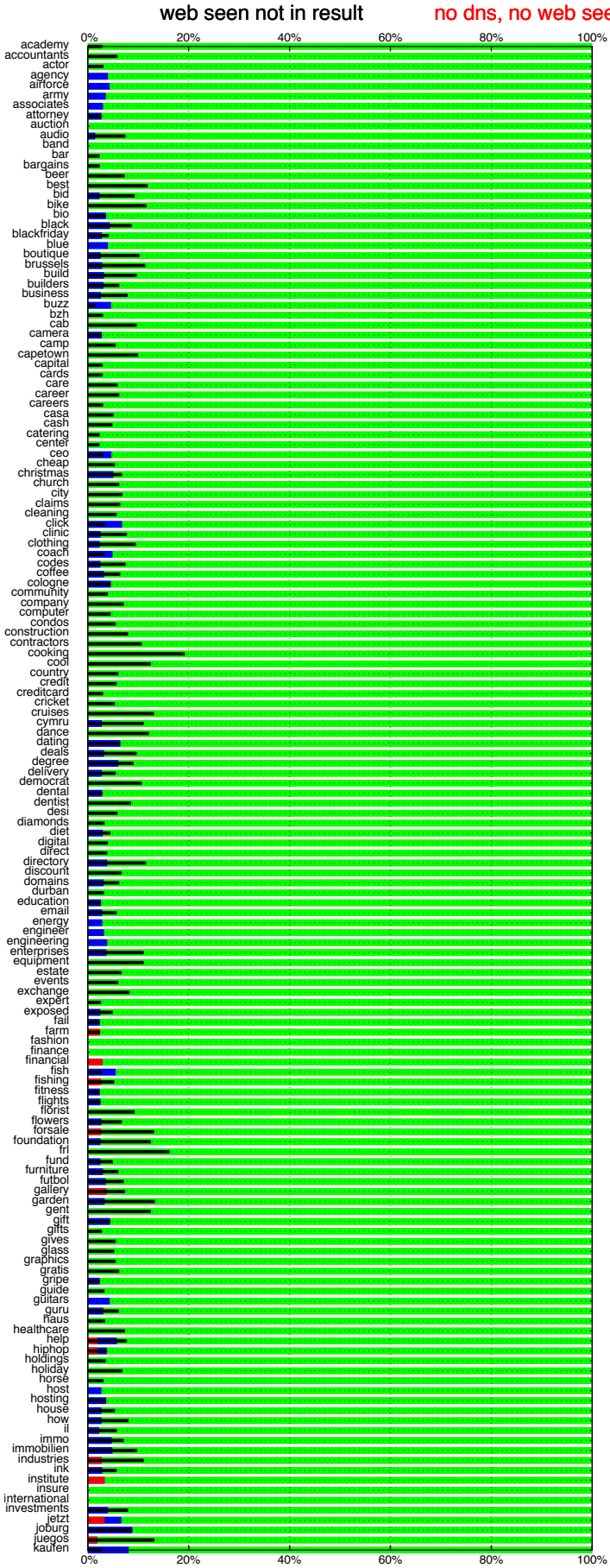
ME - Montenegro - Samplecount: 94951

MF - St Martin (French part) - Samplecount: 264



MF - St Martin (French part) - Samplecount: 264

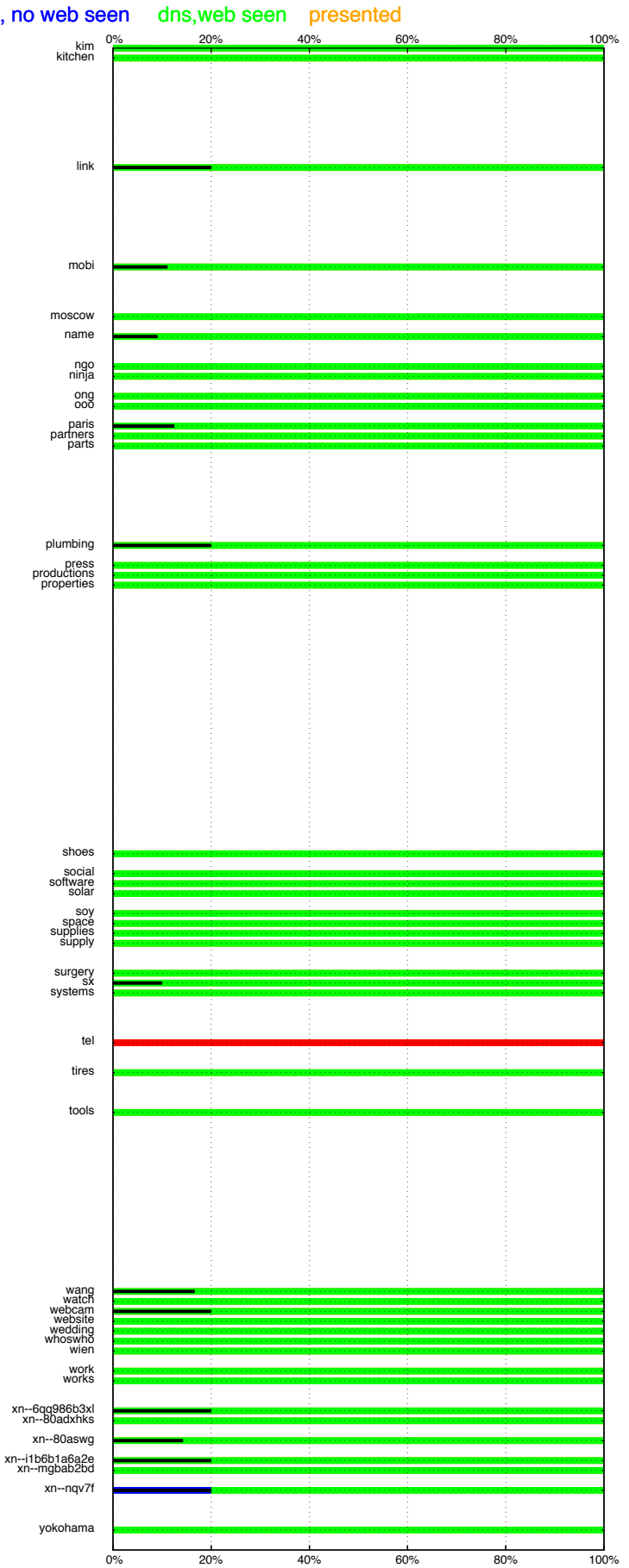
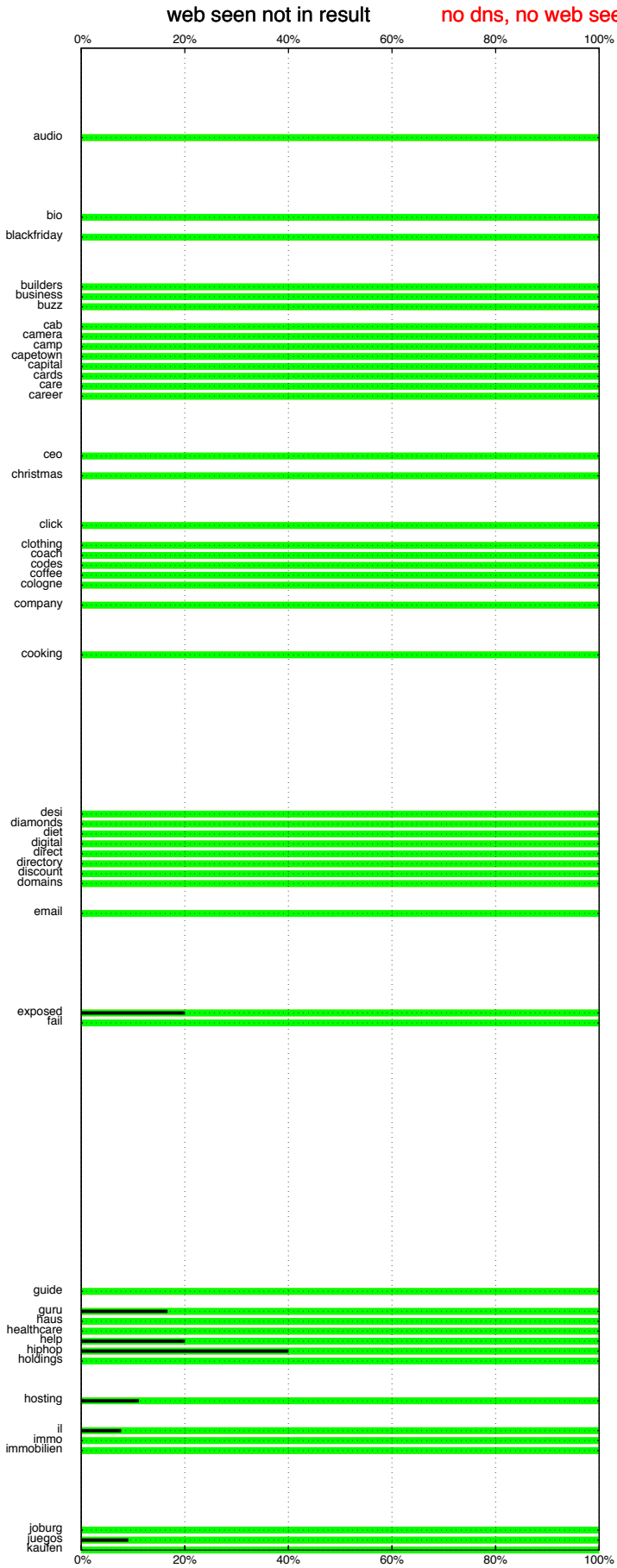
MG - Madagascar - Samplecount: 10764



MG - Madagascar - Samplecount: 10764

web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

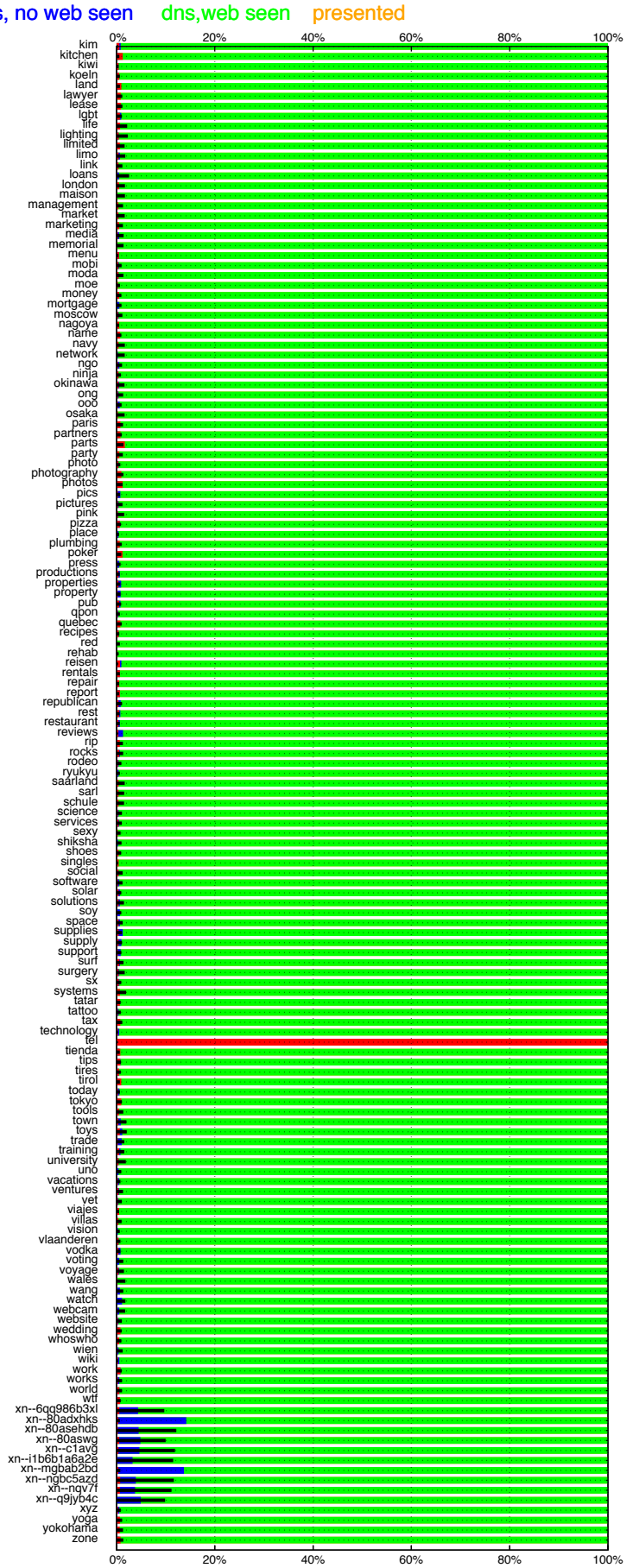
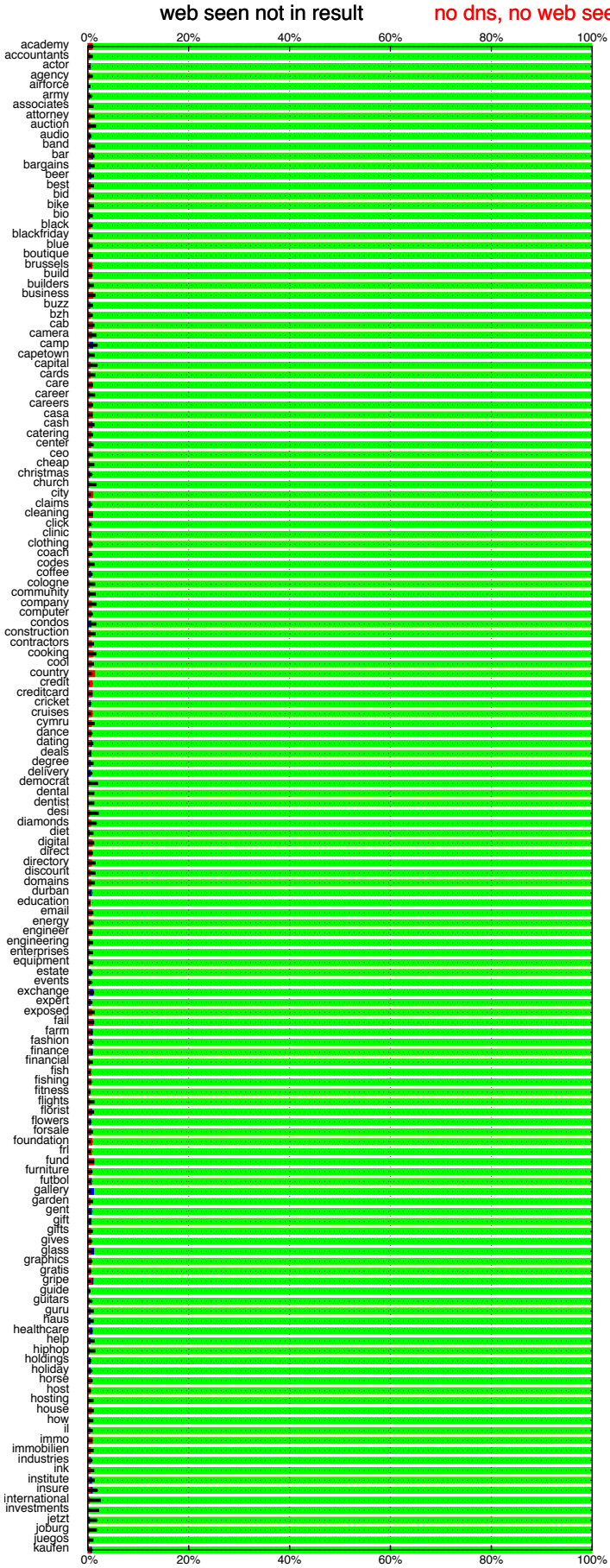
MH - Marshall Islands - Samplecount: 1117



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

MH - Marshall Islands - Samplecount: 1117

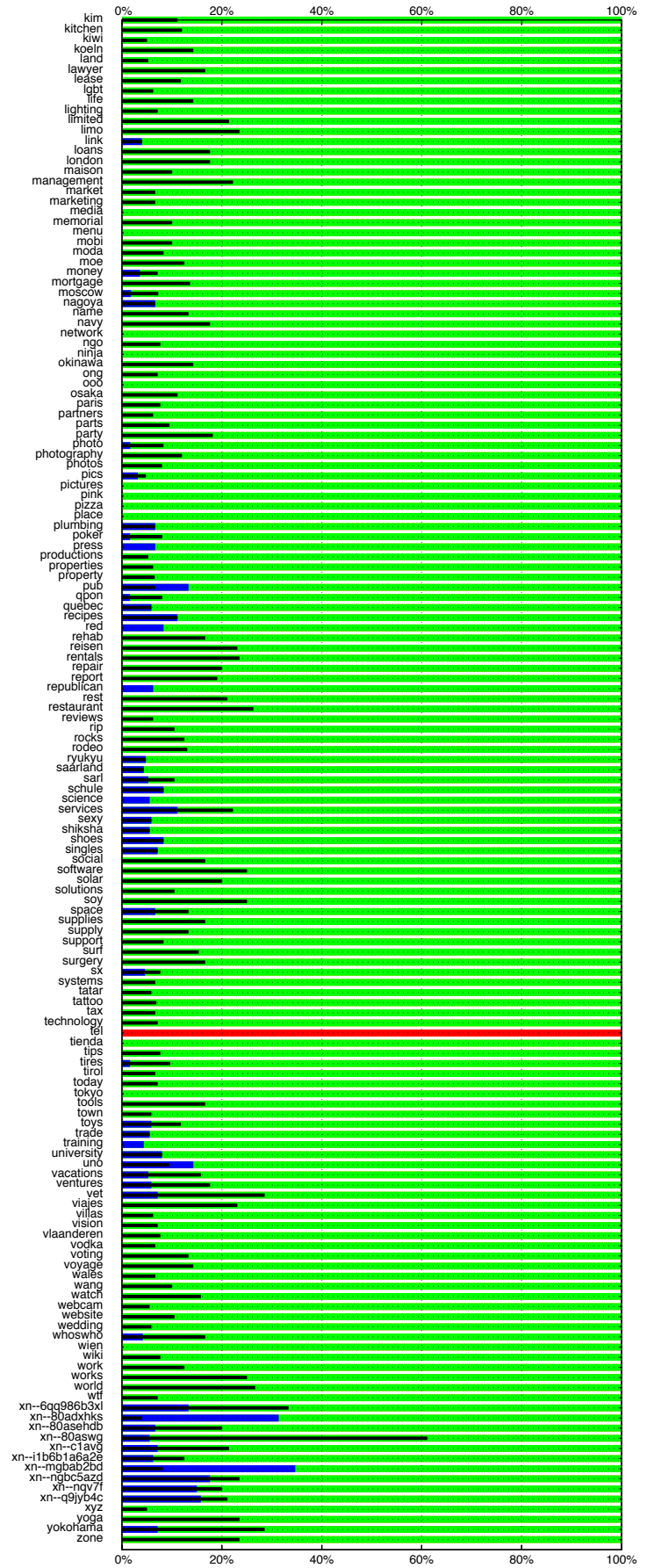
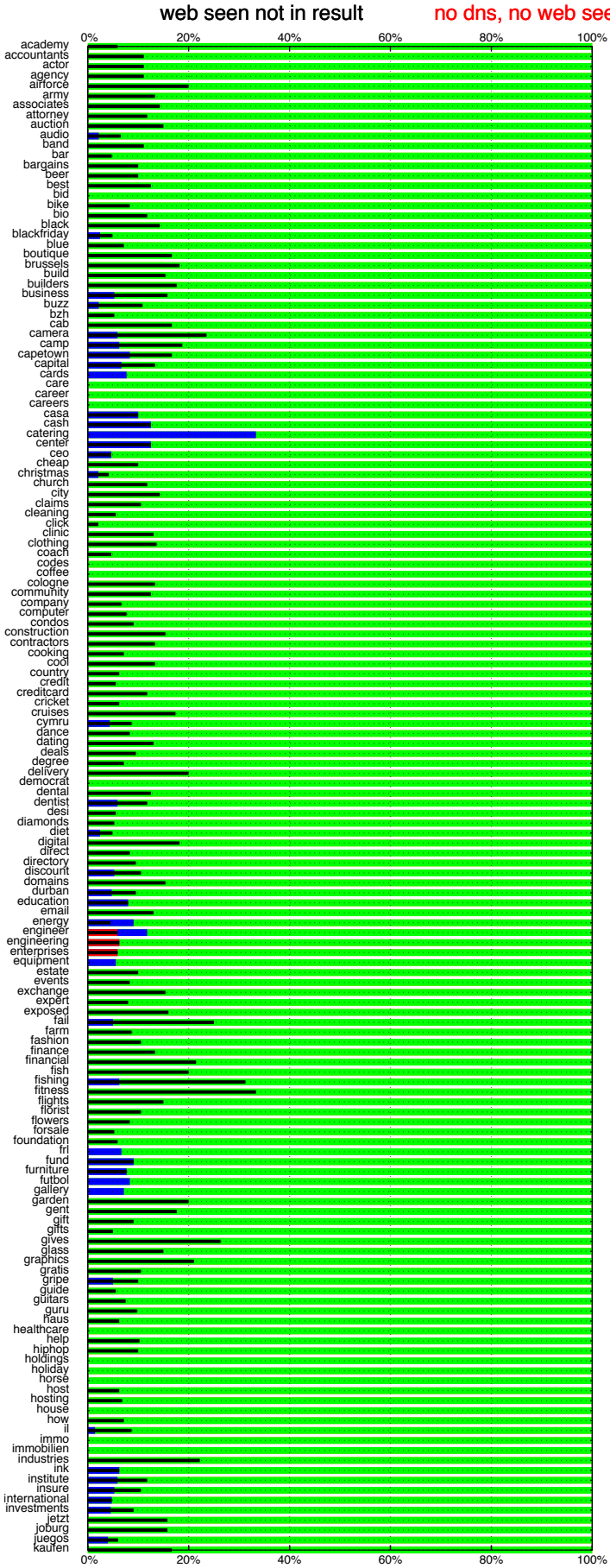
MK - Macedonia - Samplecount: 250716



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

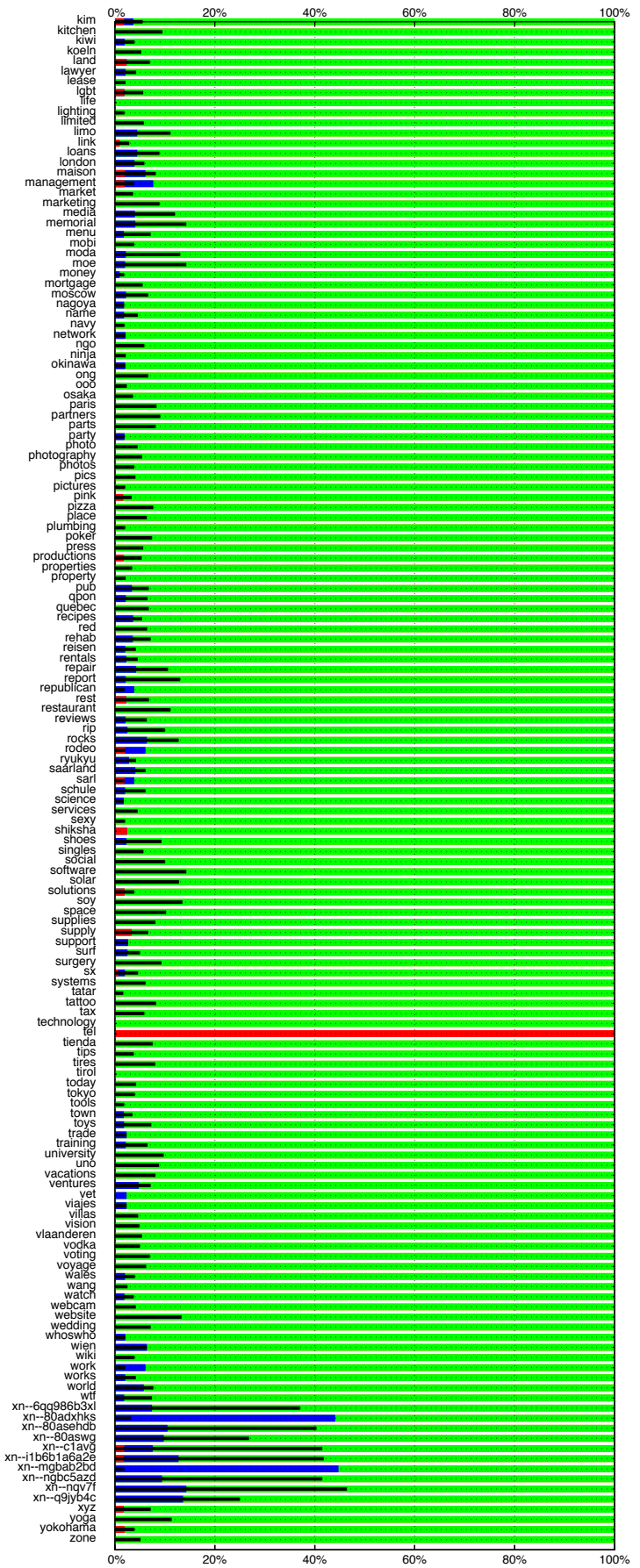
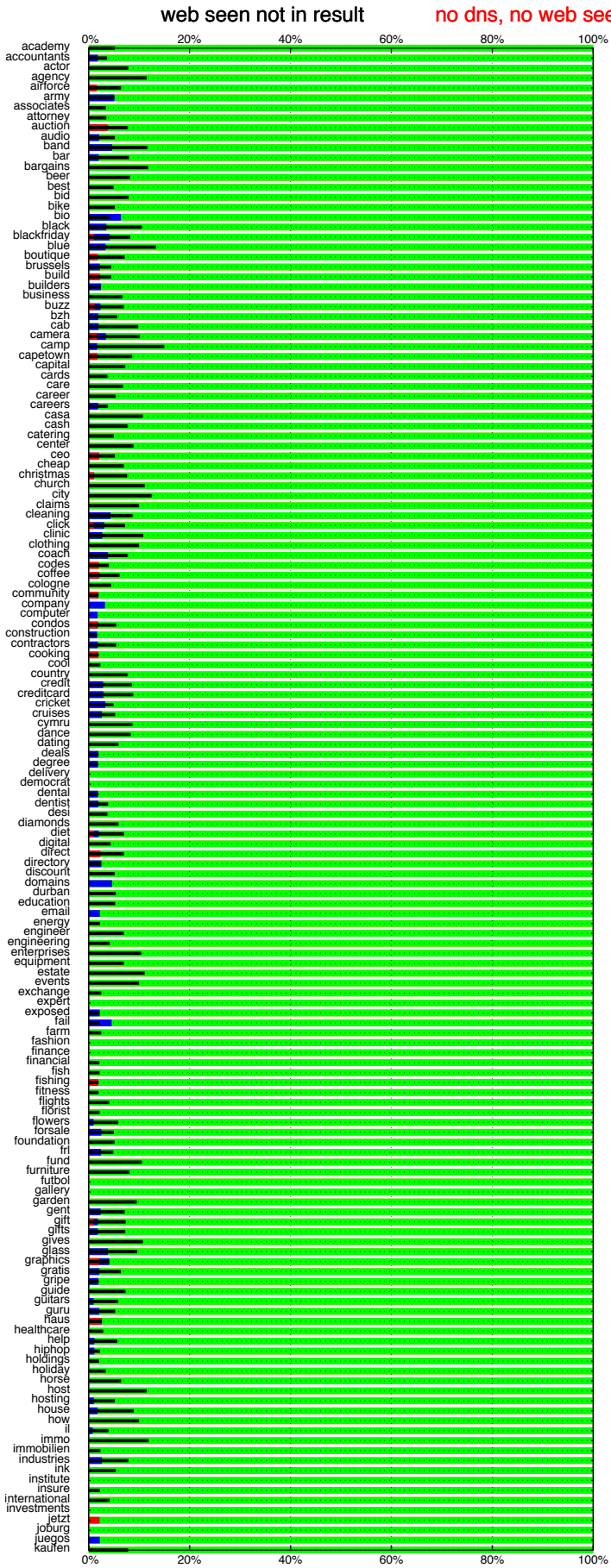
MK - Macedonia - Samplecount: 250716

ML - Mali - Samplecount: 5592



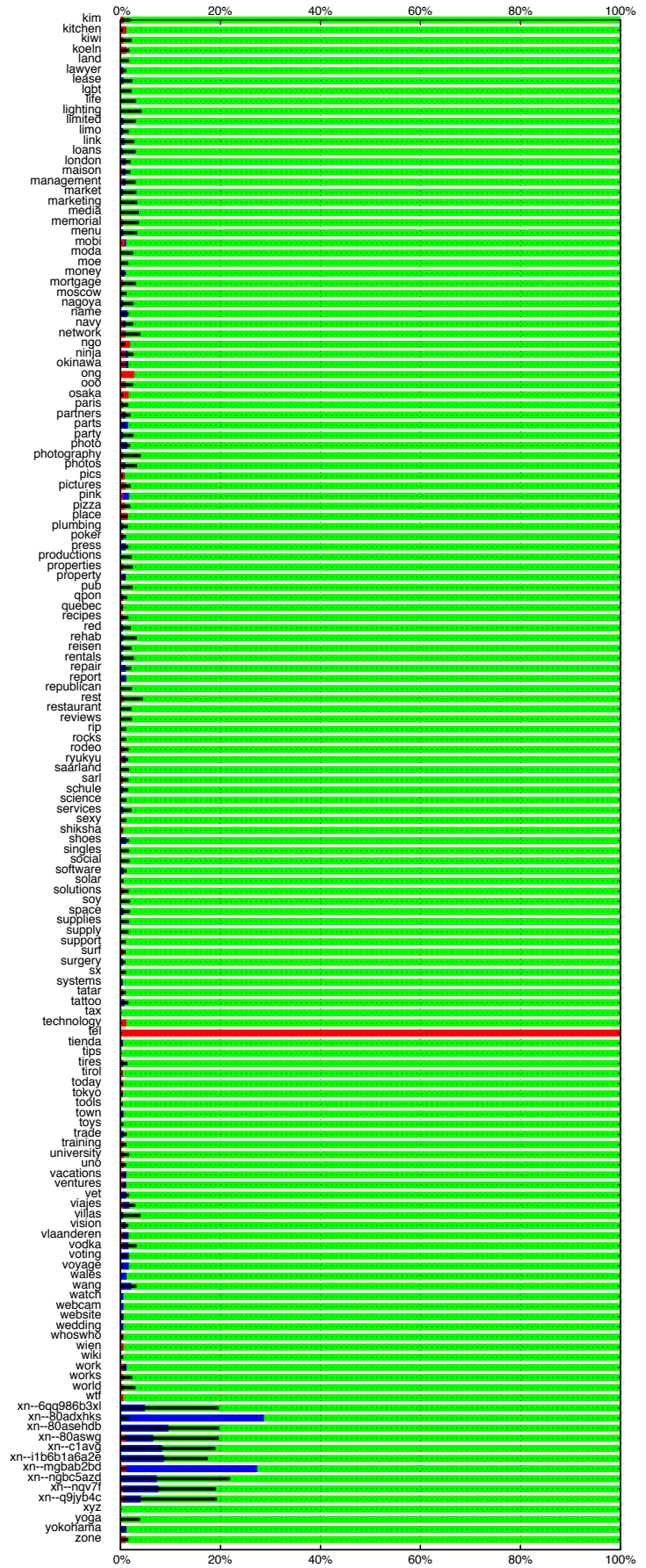
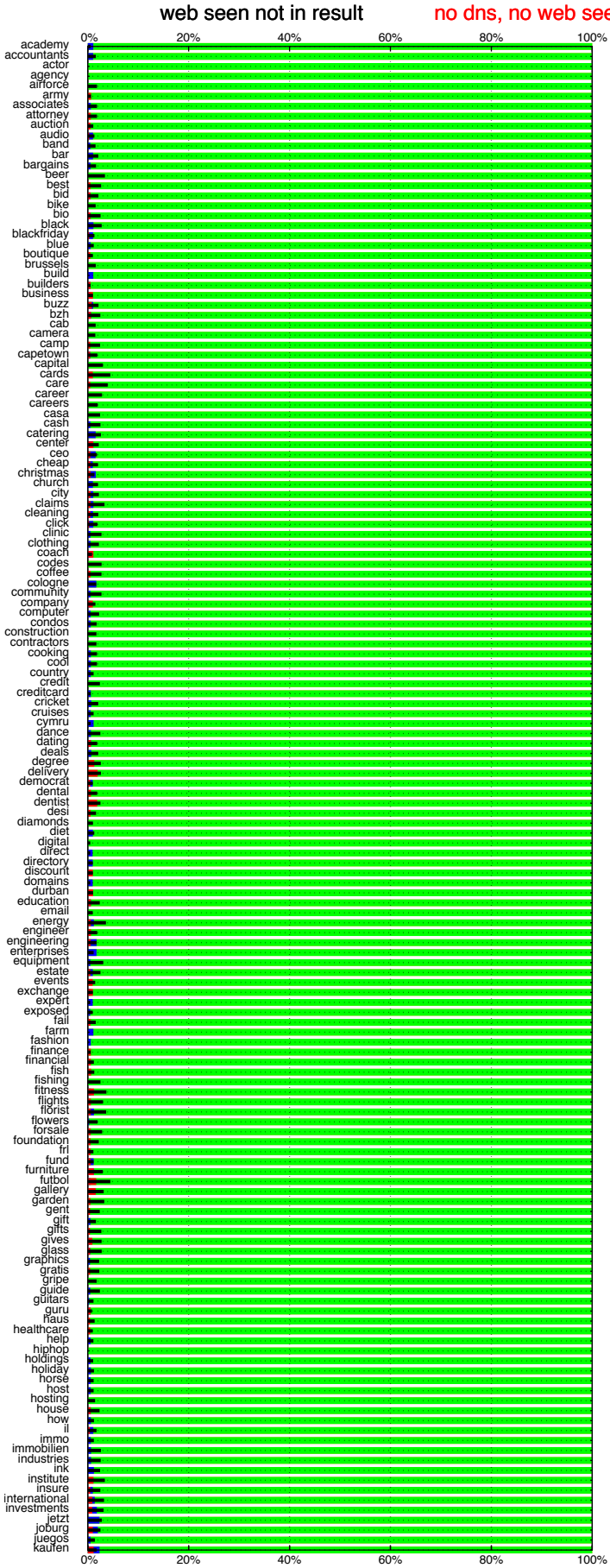
ML - Mali - Samplecount: 5592

MM - Myanmar (Burma) - Samplecount: 15210



MM - Myanmar (Burma) - Samplecount: 15210

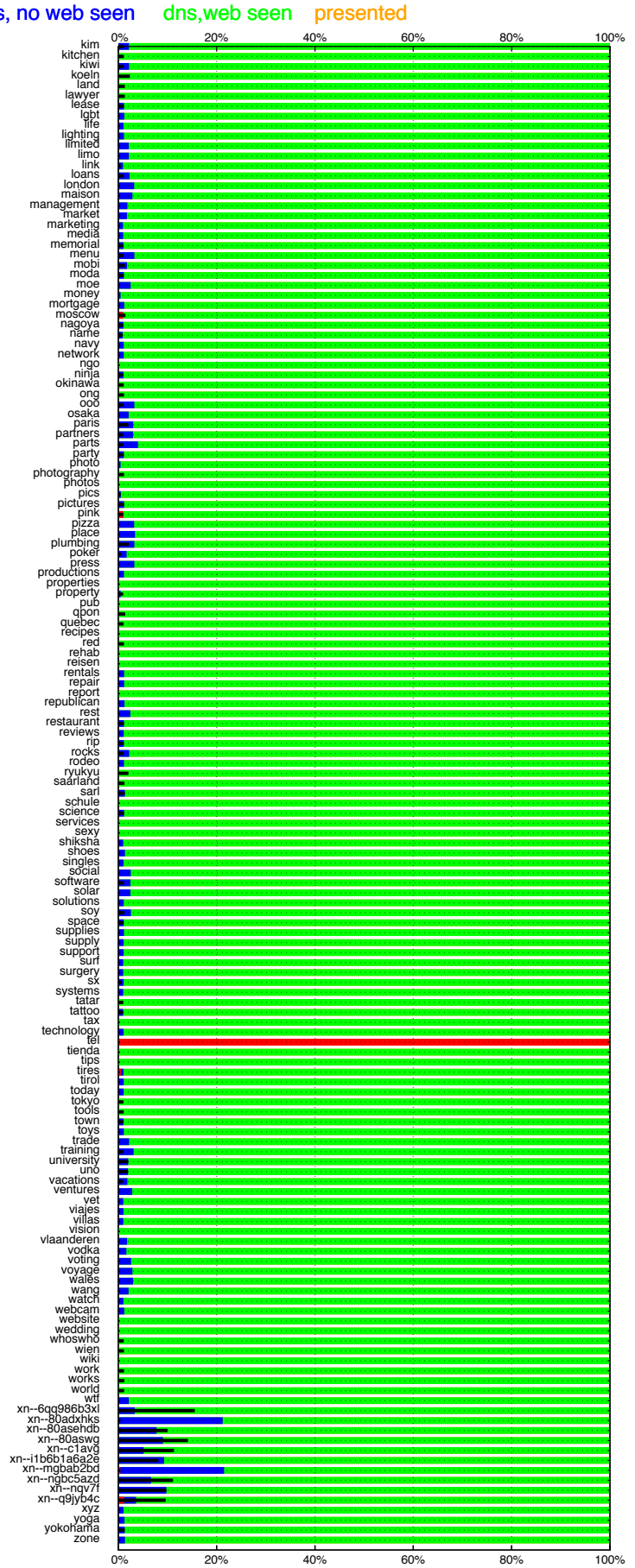
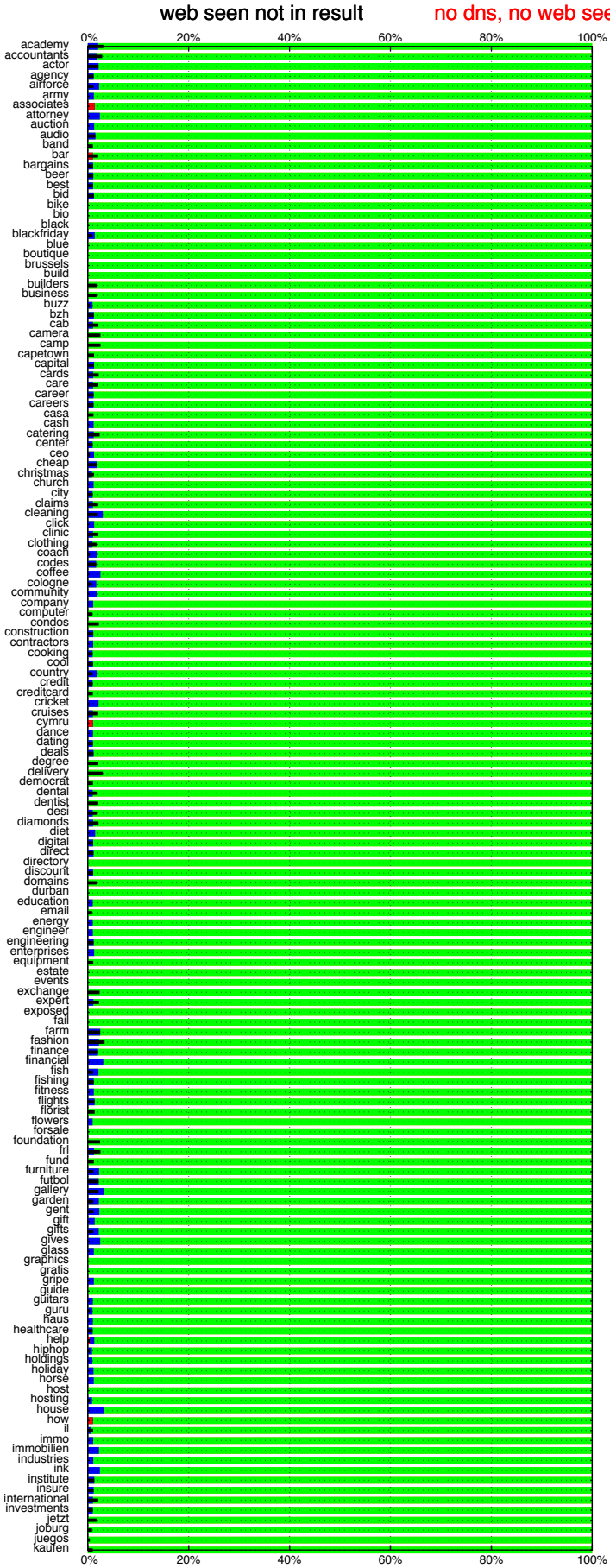
MN - Mongolia - Samplecount: 59885



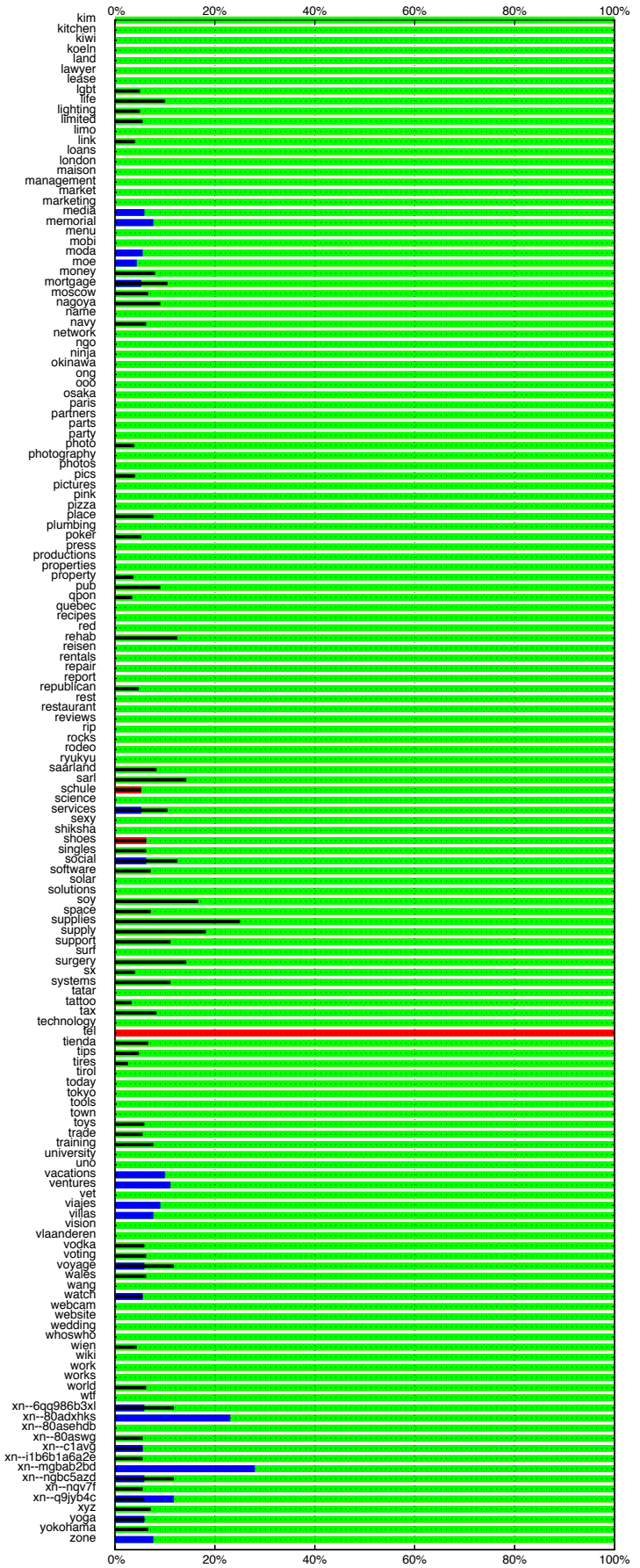
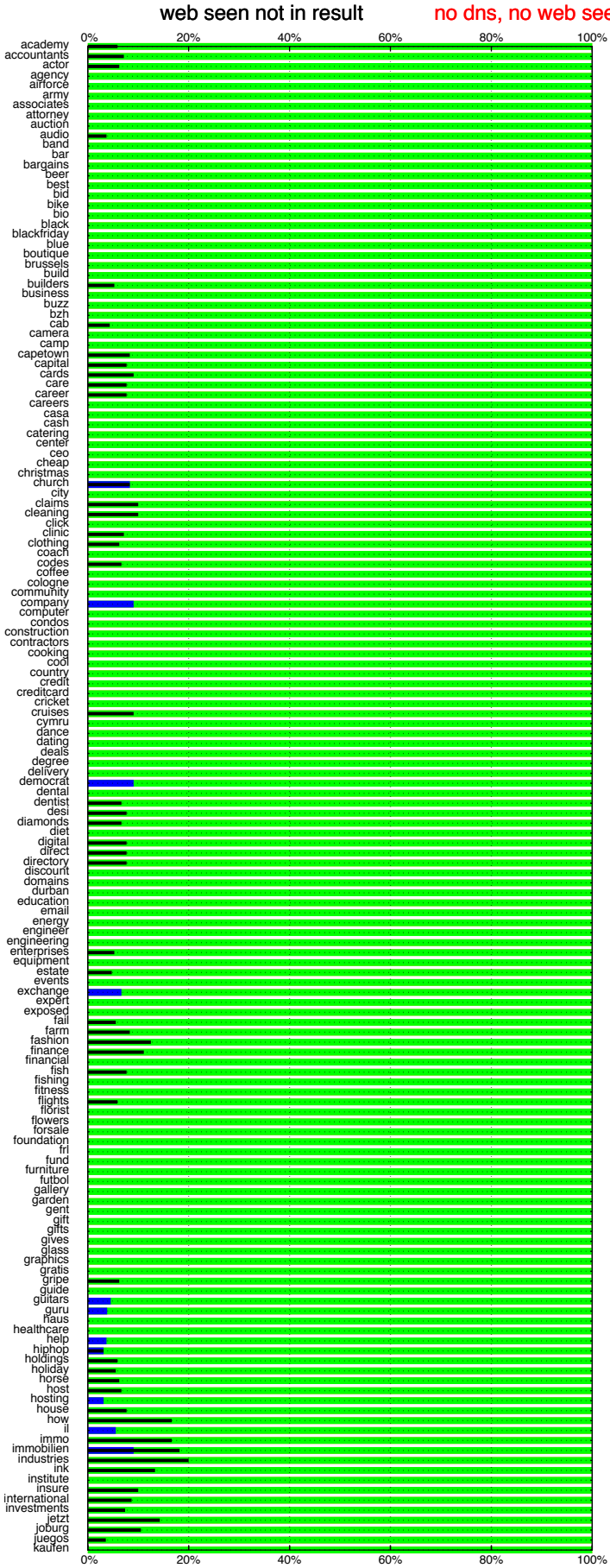
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

MN - Mongolia - Samplecount: 59885

MO - Macau - Samplecount: 32050

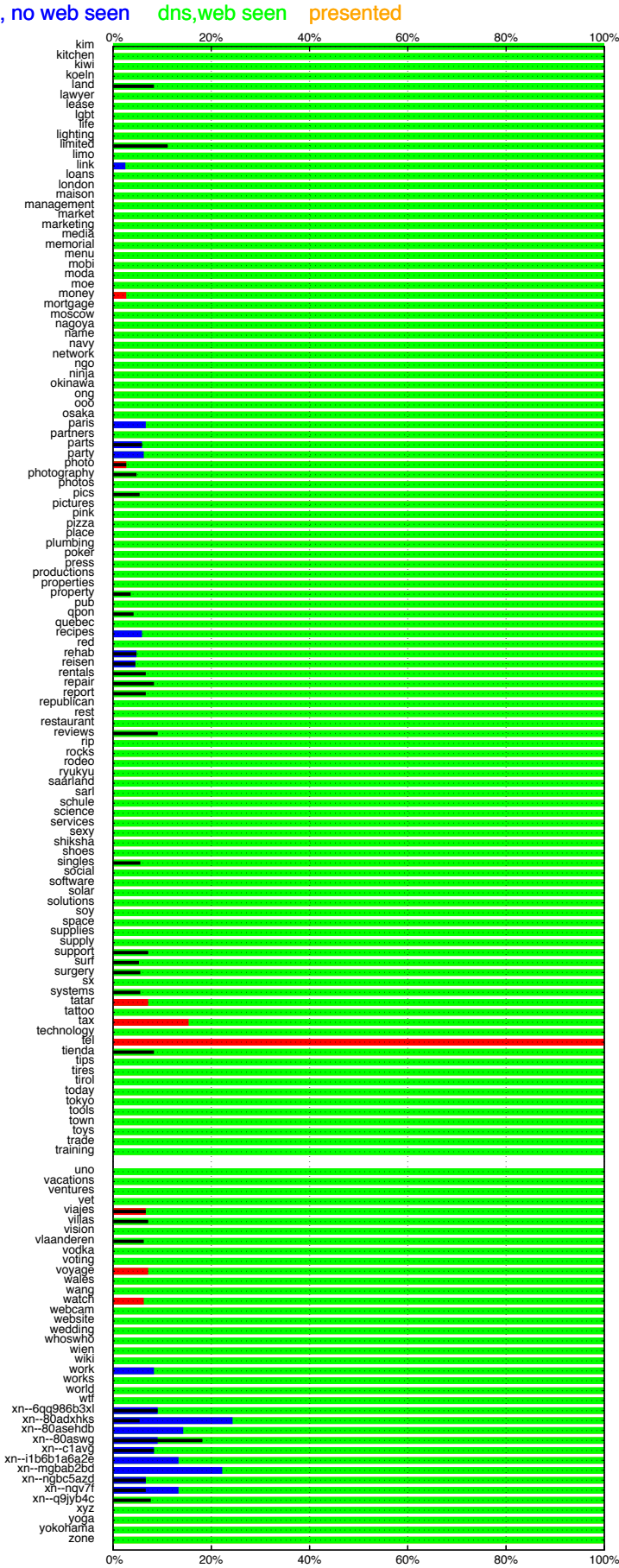


MP - Northern Mariana Islands - Samplecount: 4748



MP - Northern Mariana Islands - Samplecount: 4748

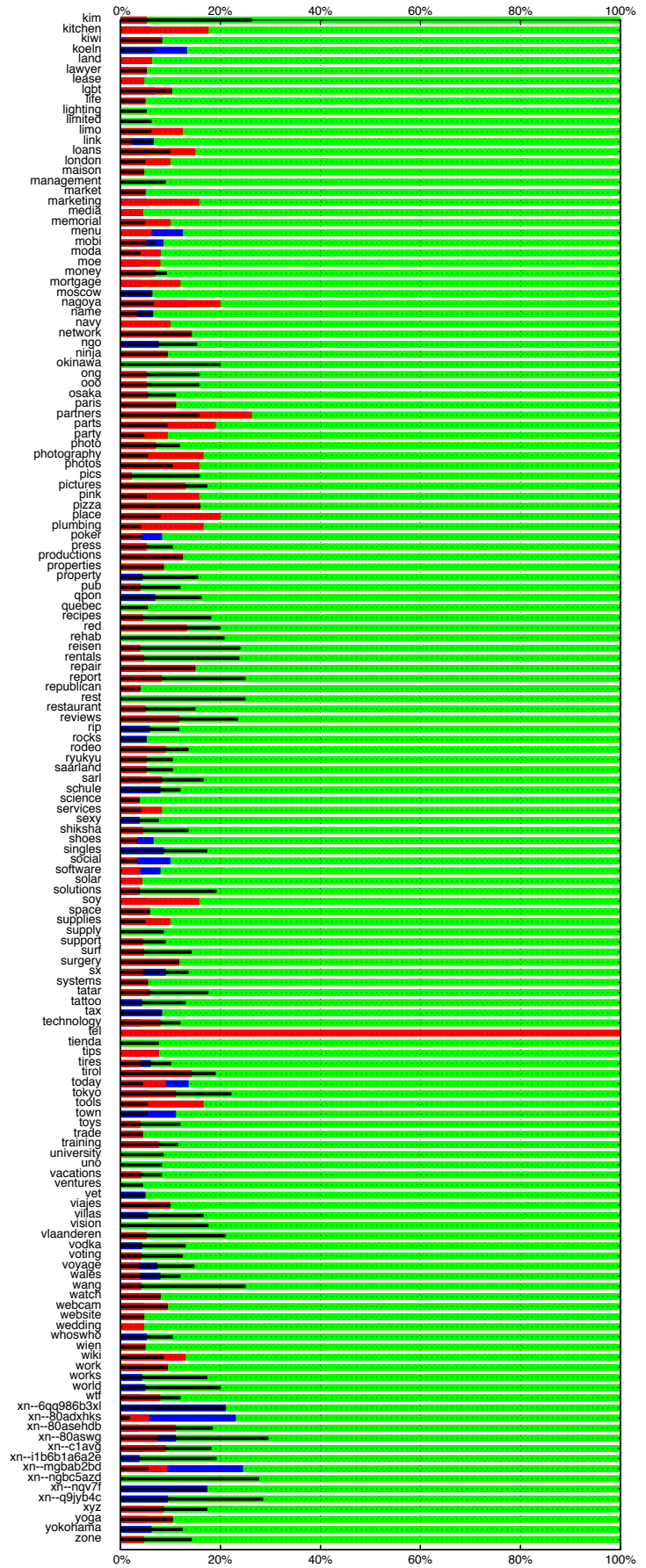
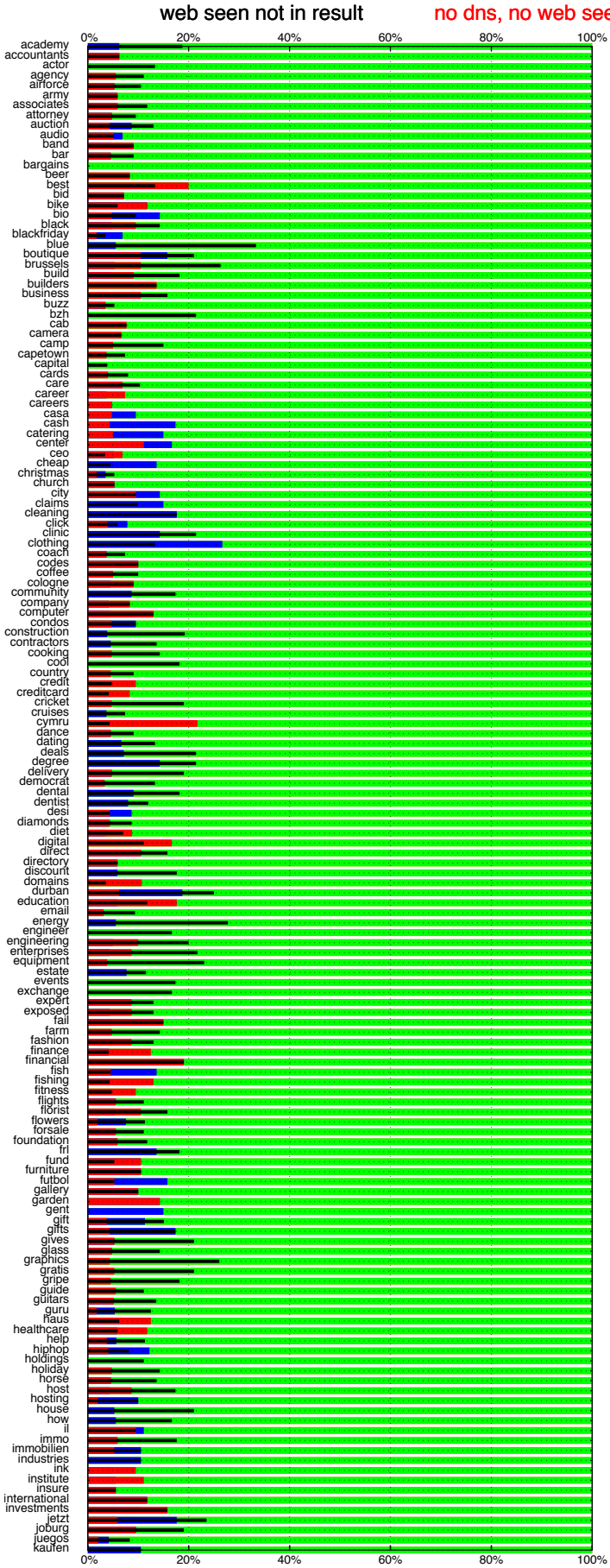
MQ - Martinique - Samplecount: 4528



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

MQ - Martinique - Samplecount: 4528

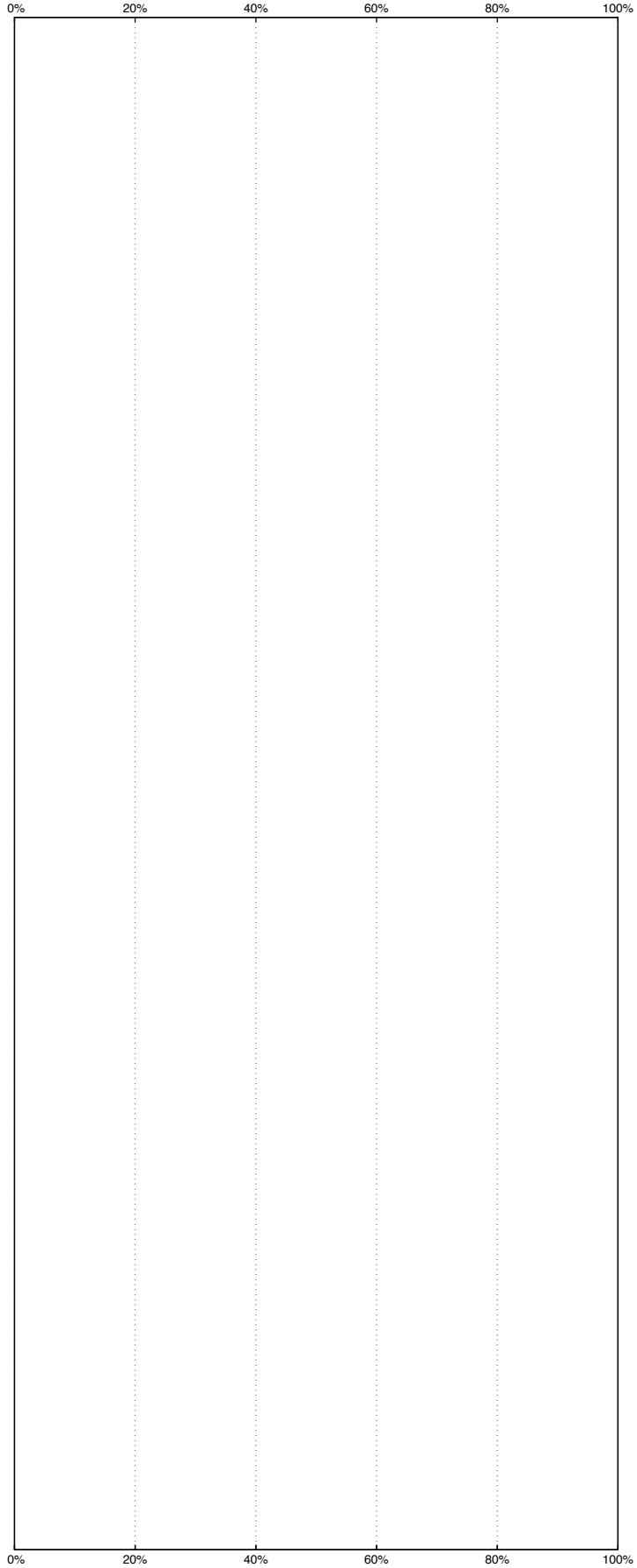
MR - Mauritania - Samplecount: 6509



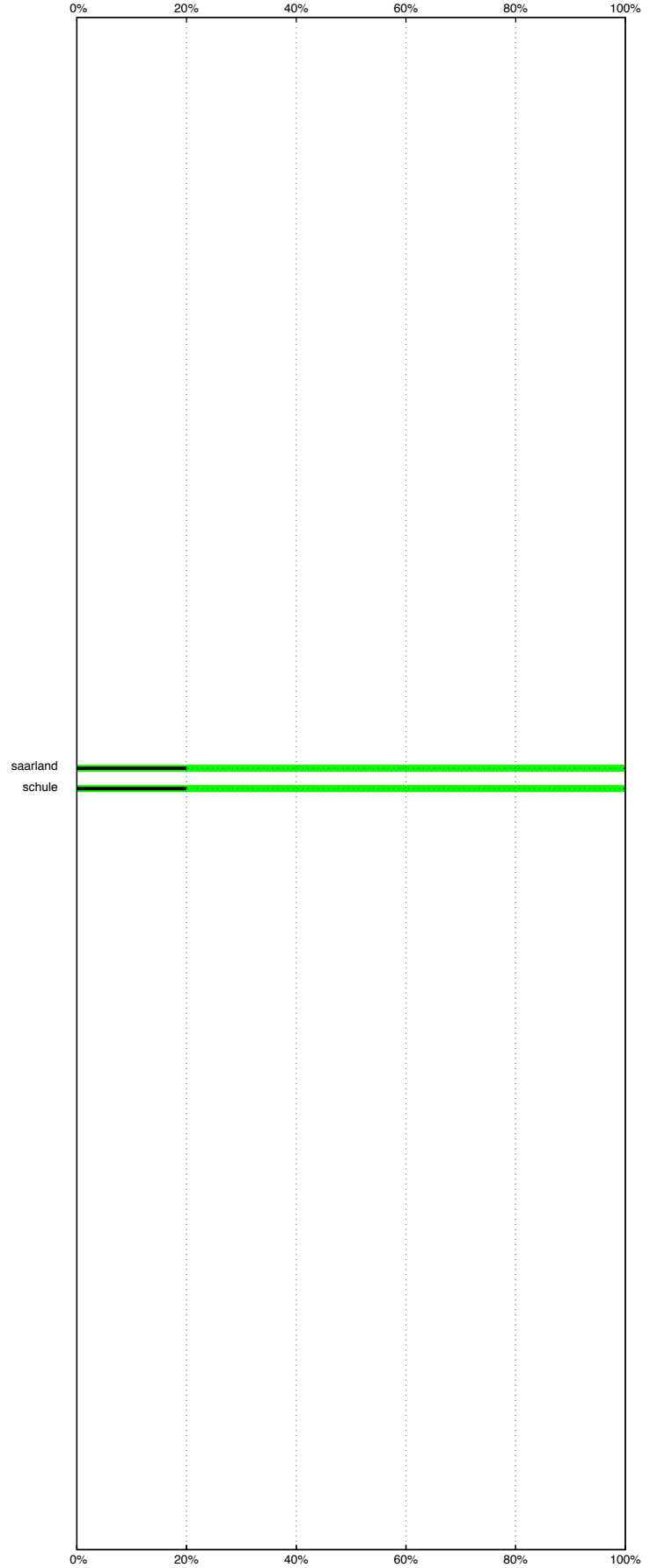
MR - Mauritania - Samplecount: 6509

MS - Montserrat - Samplecount: 299

web seen not in result no dns, no web seen dns, no web seen dns,web seen presented



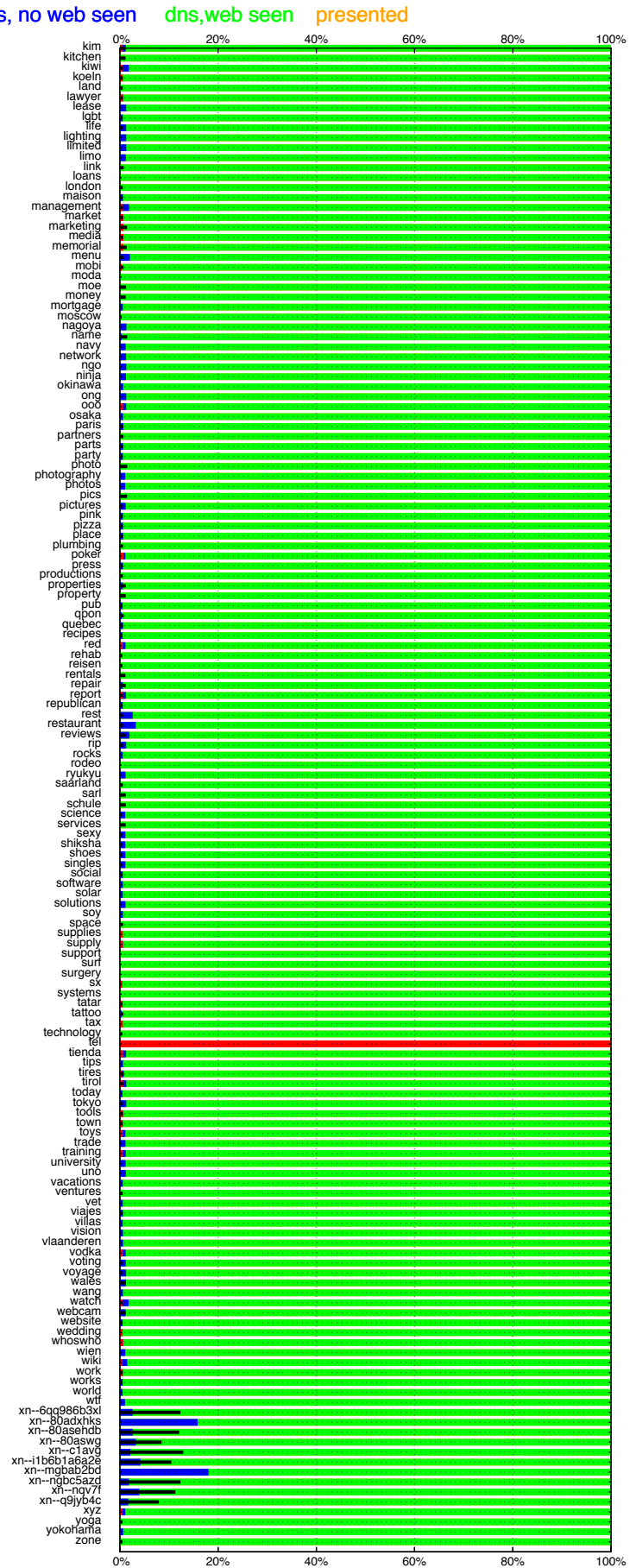
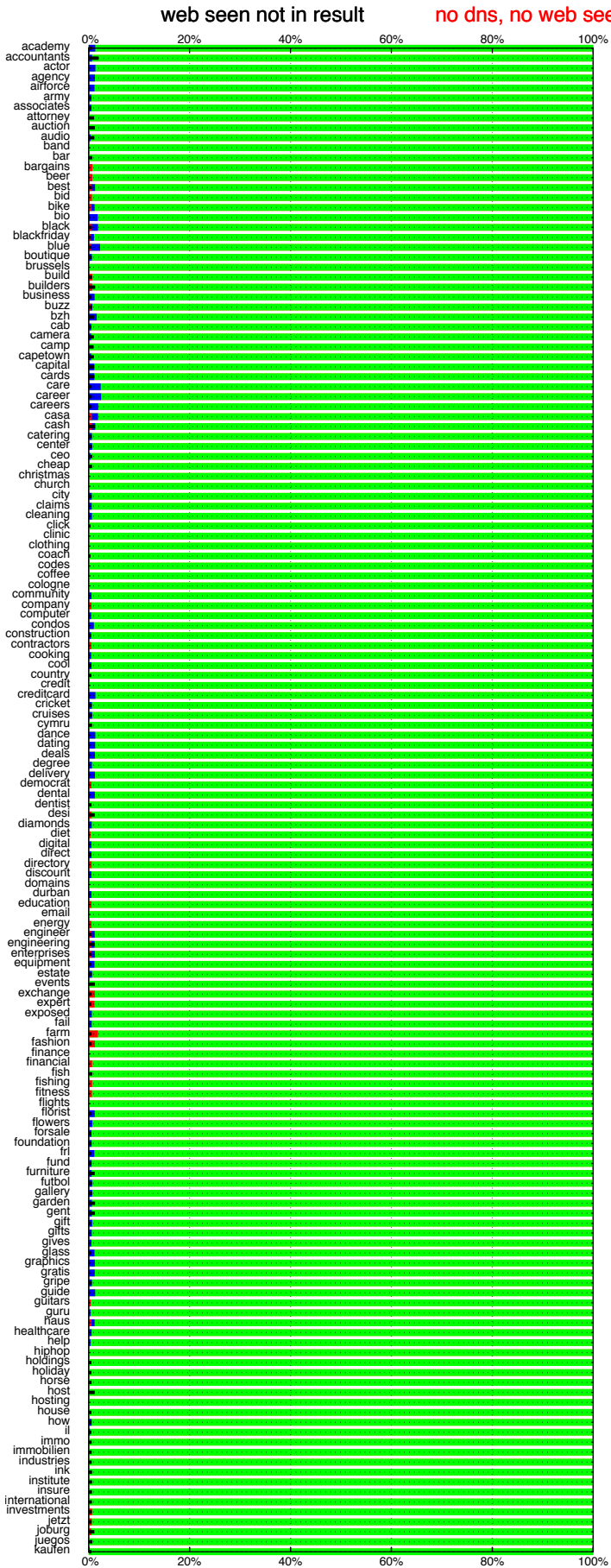
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web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

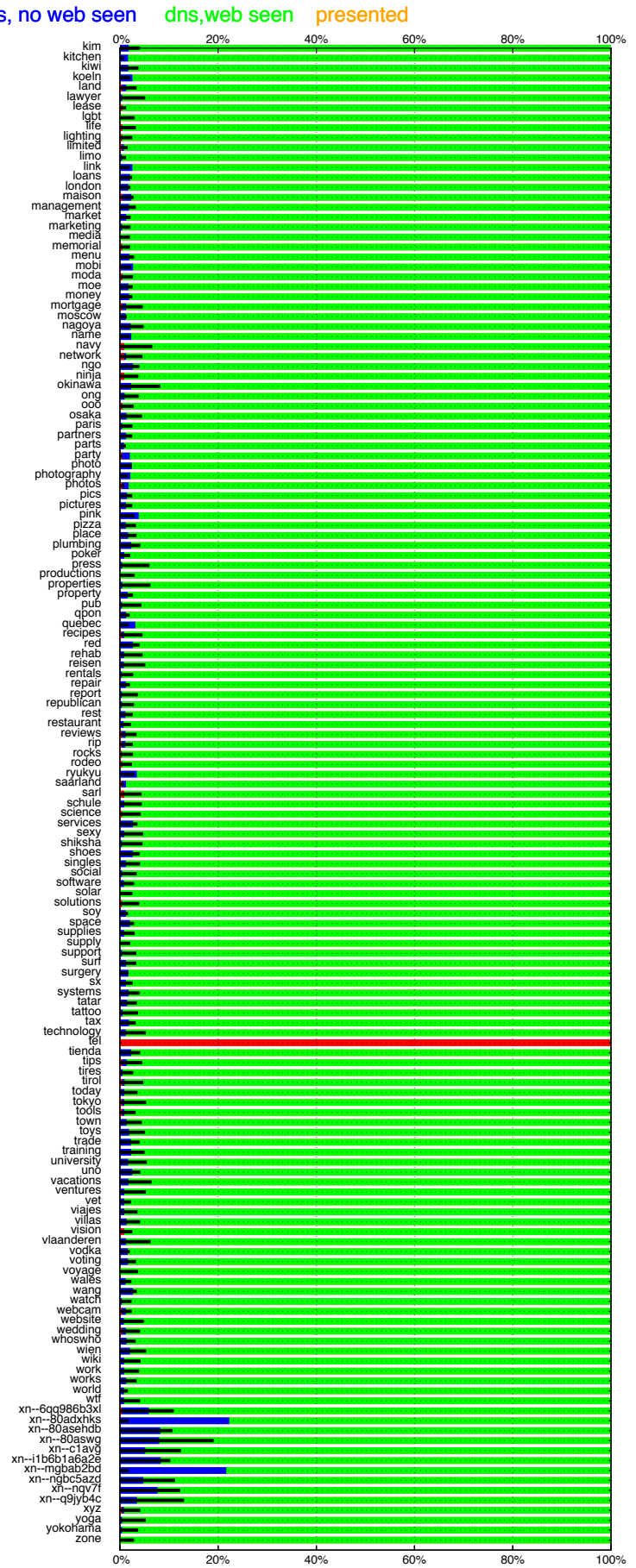
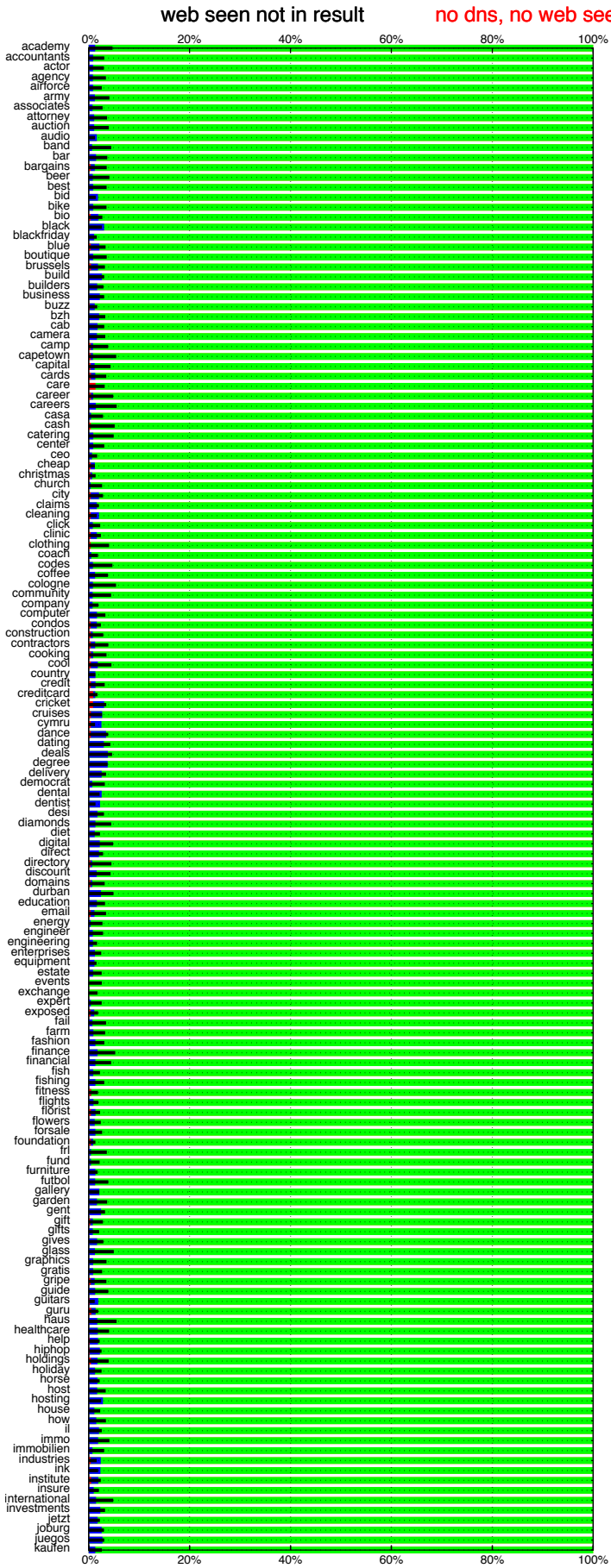
MS - Montserrat - Samplecount: 299

MT - Malta - Samplecount: 54149



MT - Malta - Samplecount: 54149

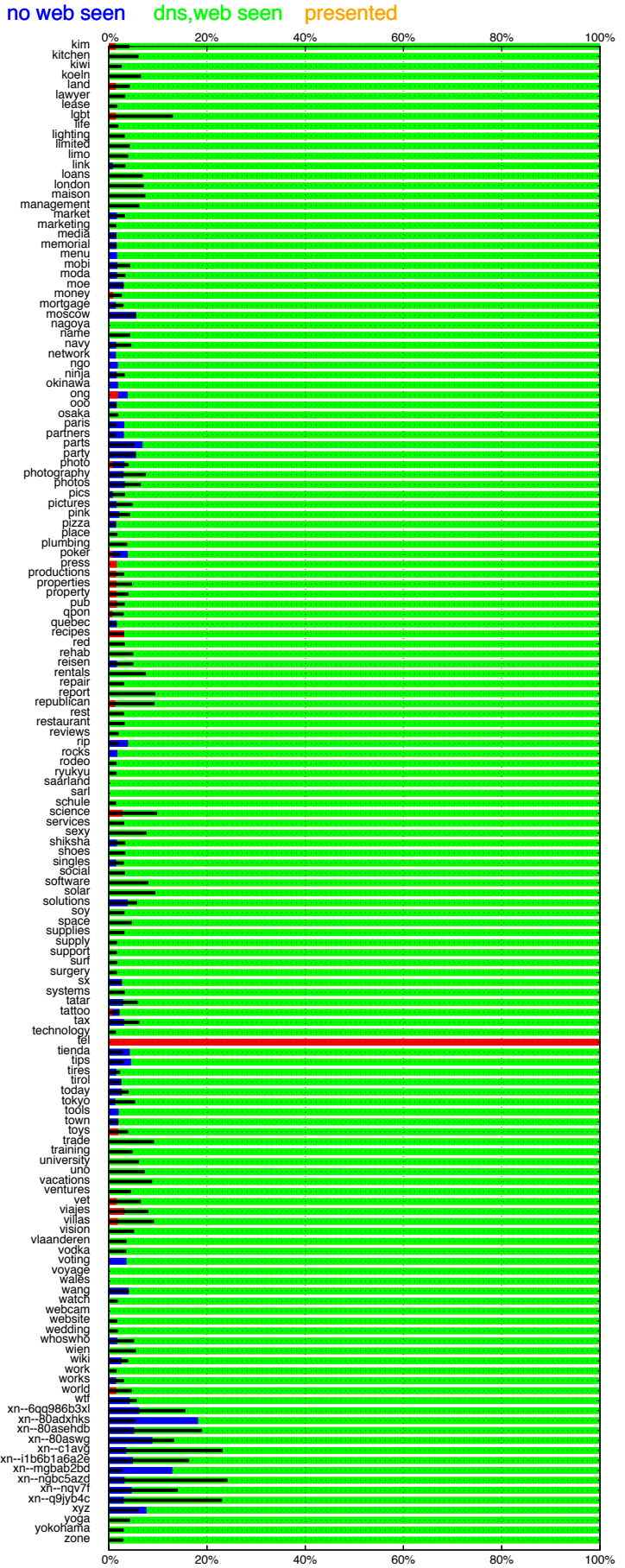
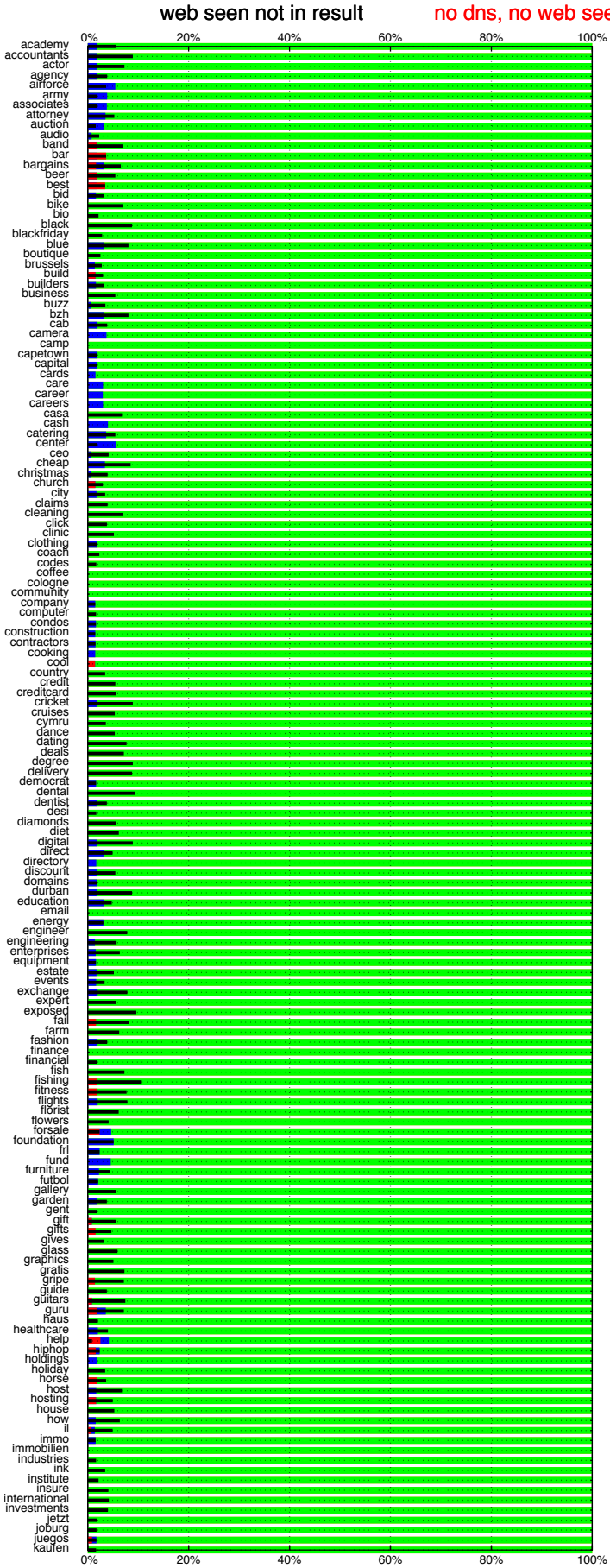
MU - Mauritius - Samplecount: 80378



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

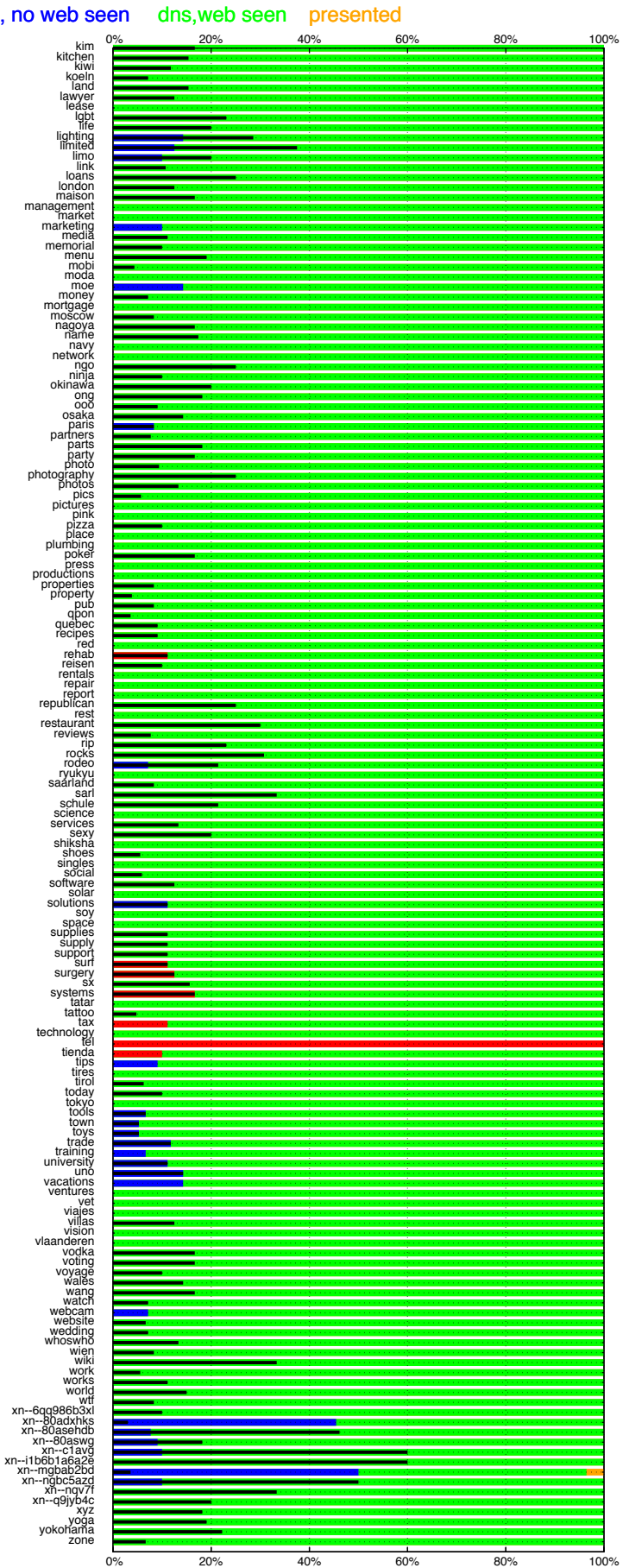
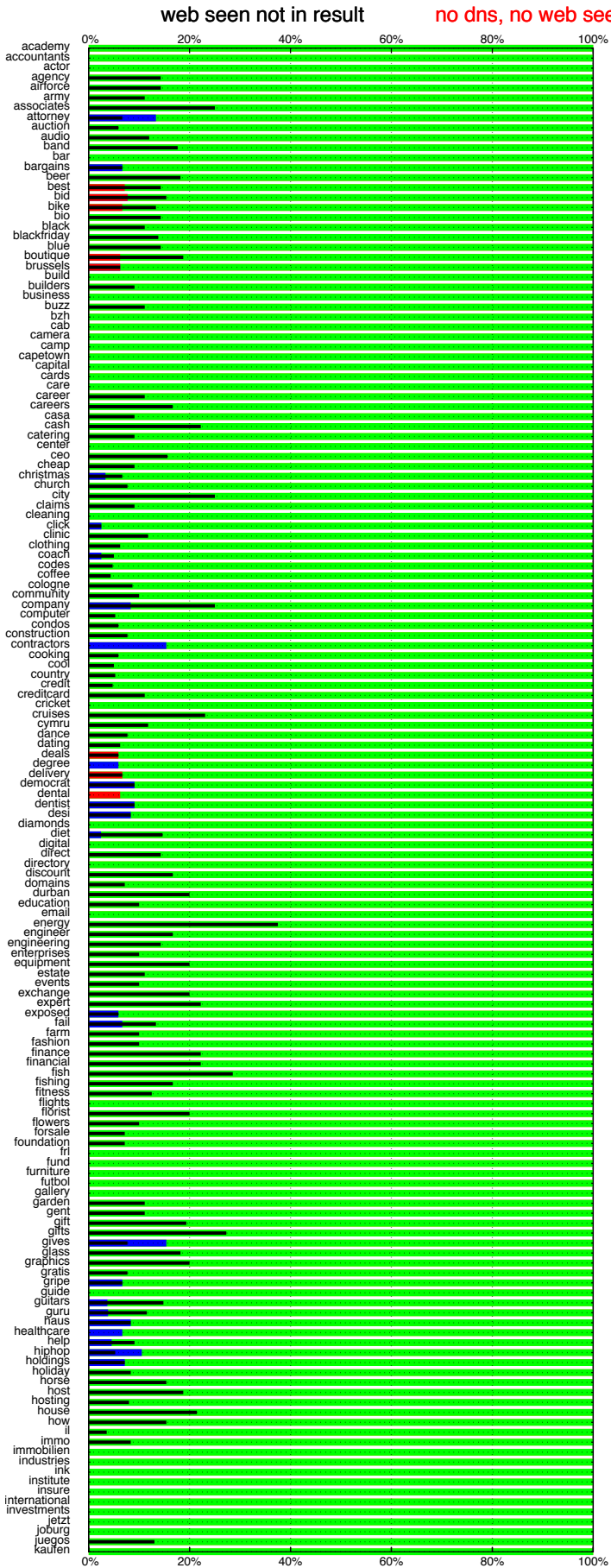
MU - Mauritius - Samplecount: 80378

MV - Maldives - Samplecount: 19455



MV - Maldives - Samplecount: 19455

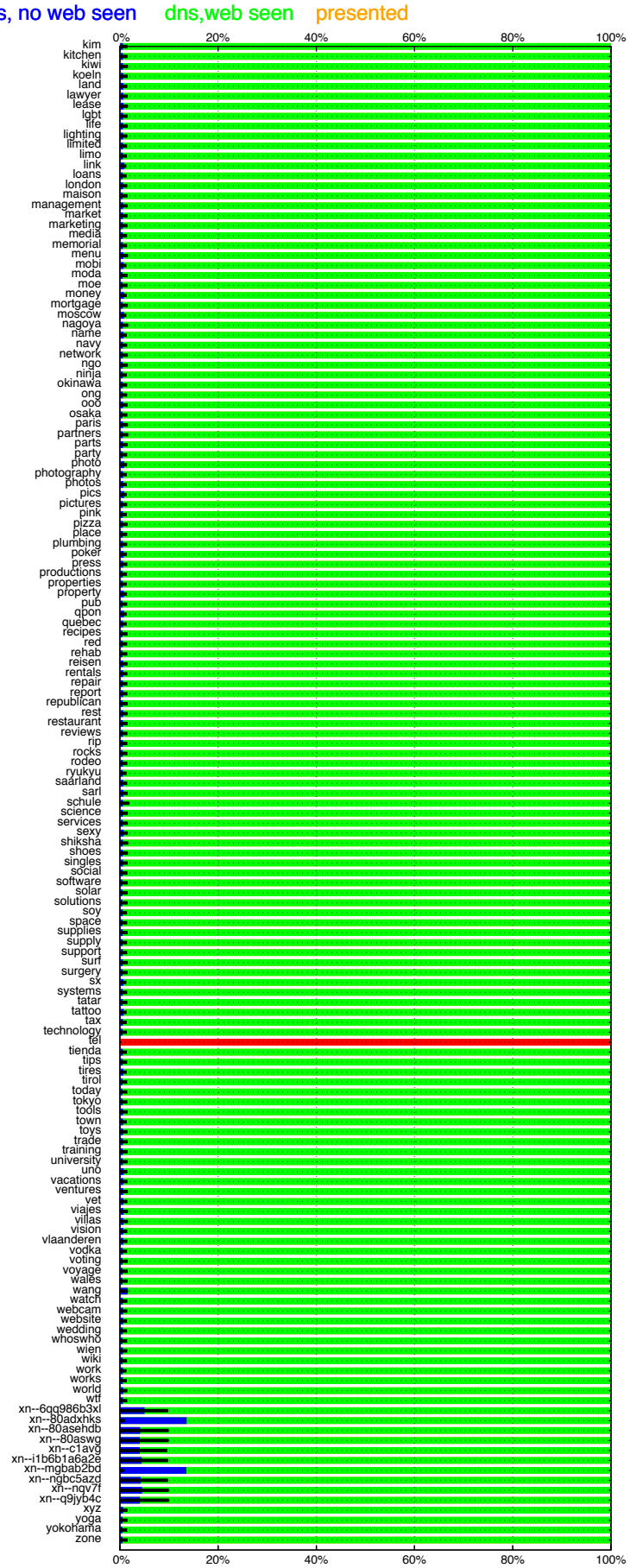
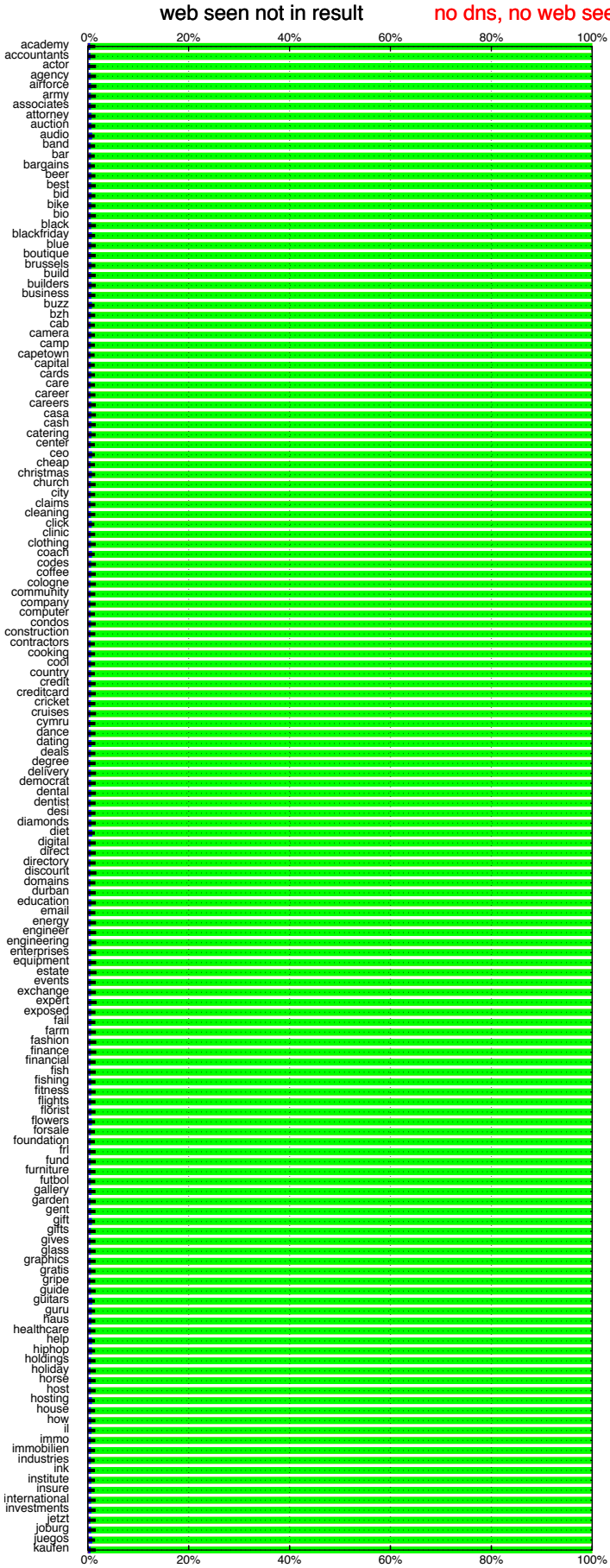
MW - Malawi - Samplecount: 3684



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

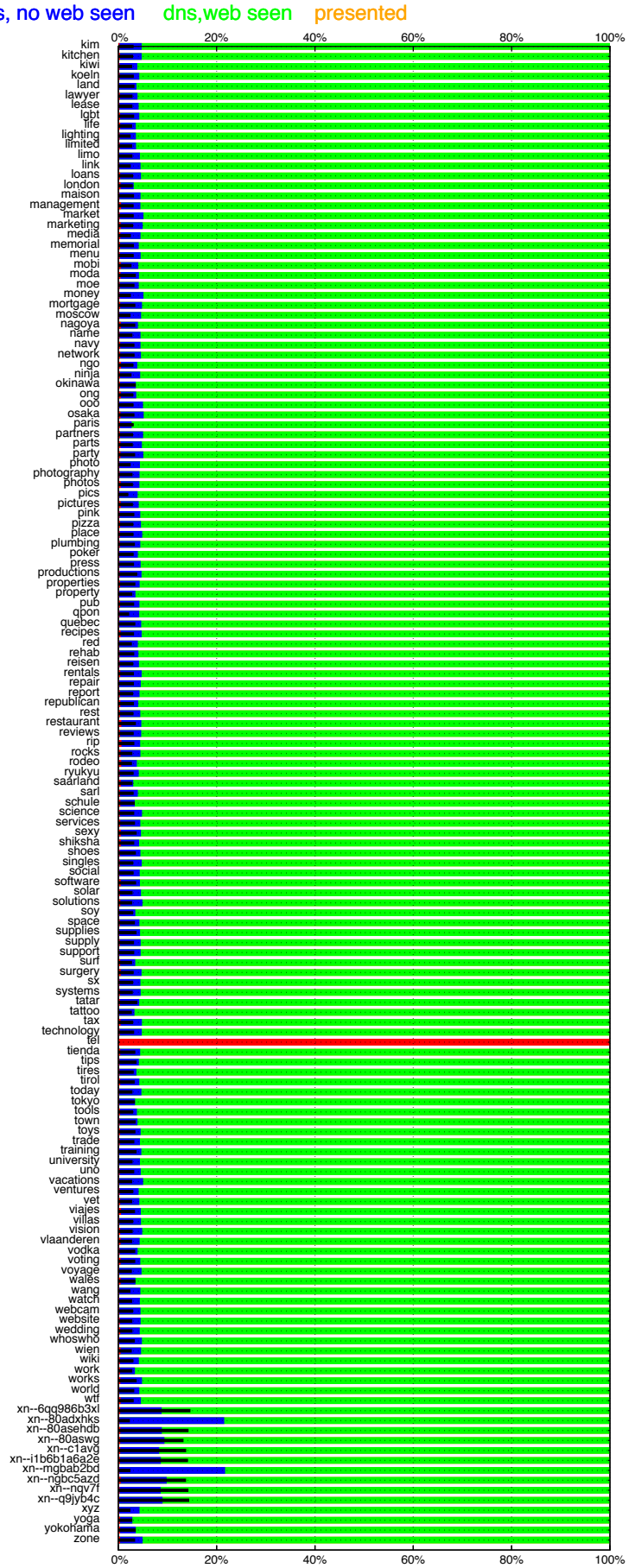
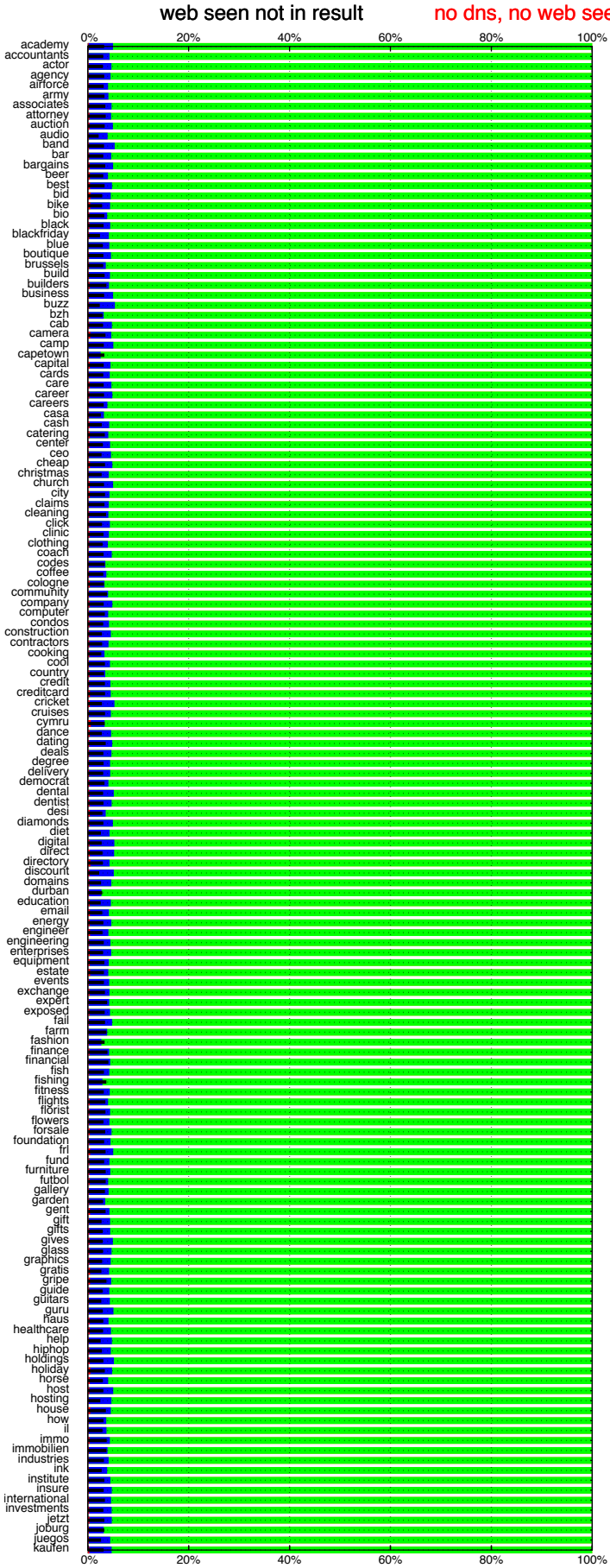
MW - Malawi - Samplecount: 3684

MX - Mexico - Samplecount: 7747355



MX - Mexico - Samplecount: 7747355

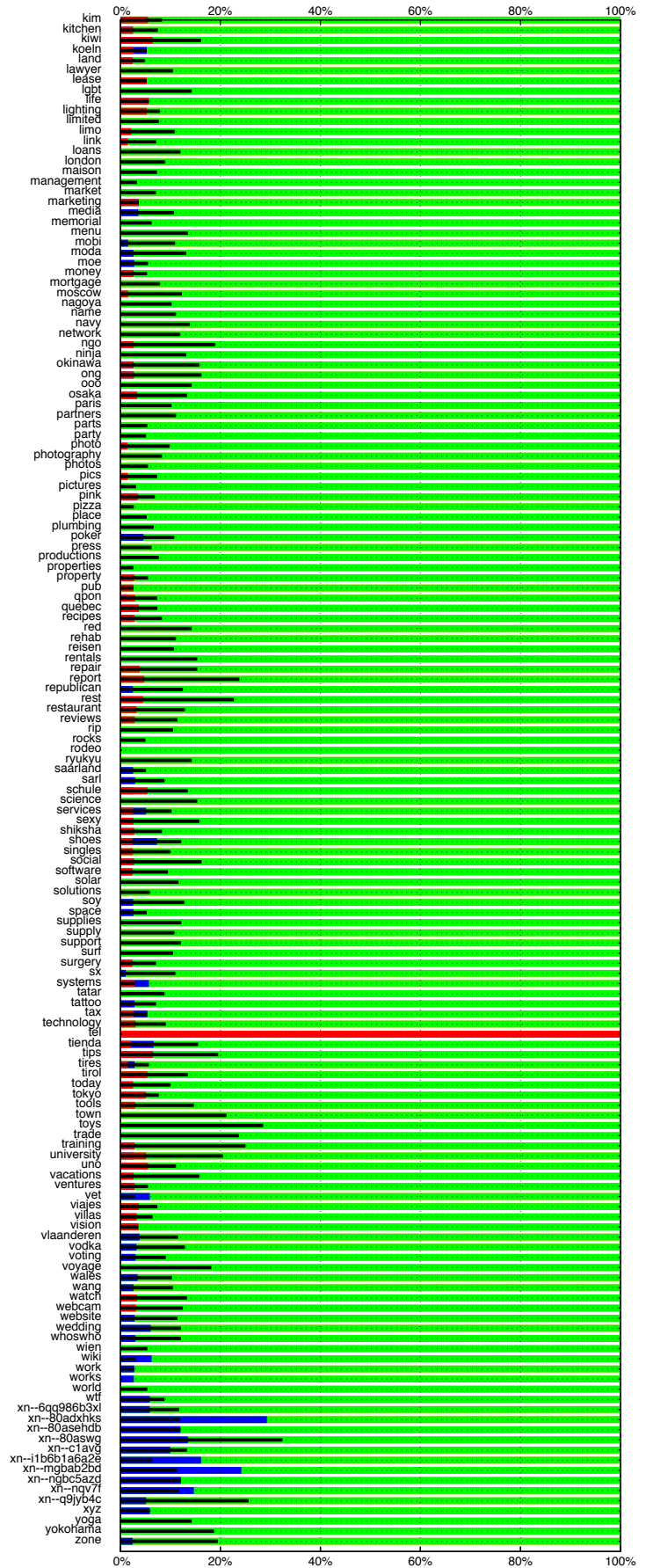
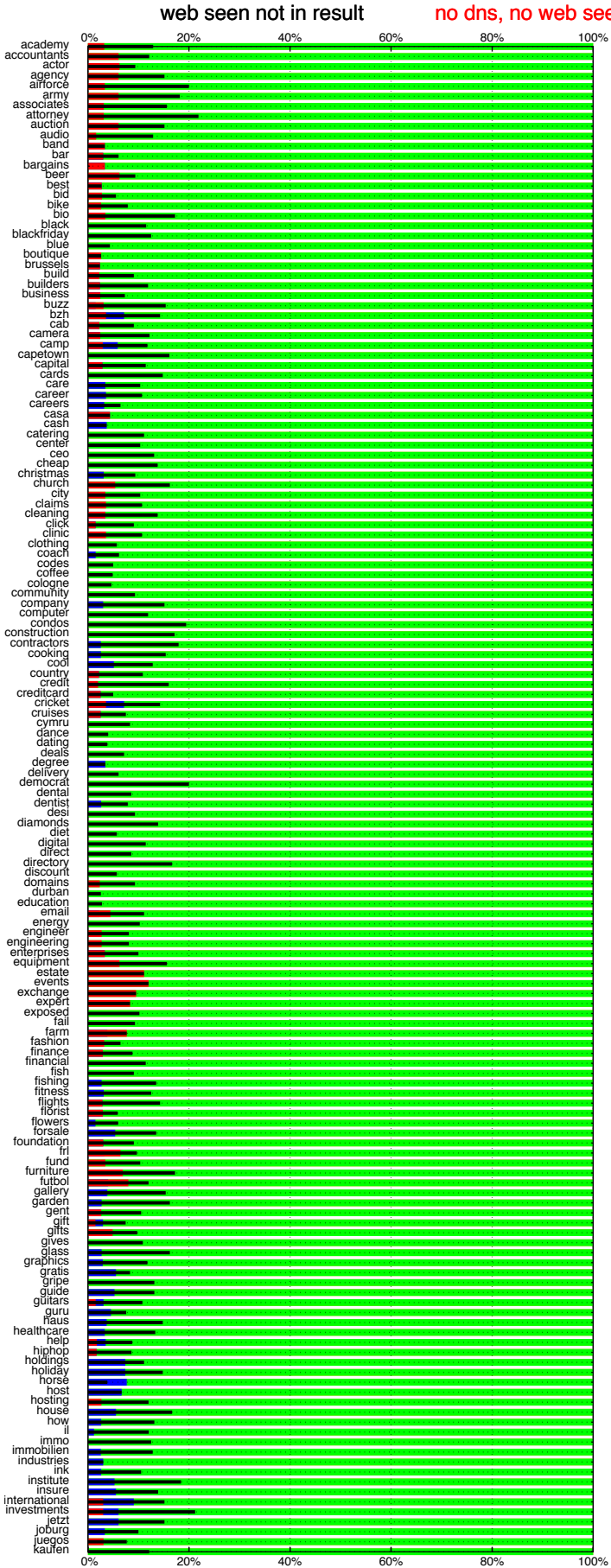
MY - Malaysia - Samplecount: 1055436



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

MY - Malaysia - Samplecount: 1055436

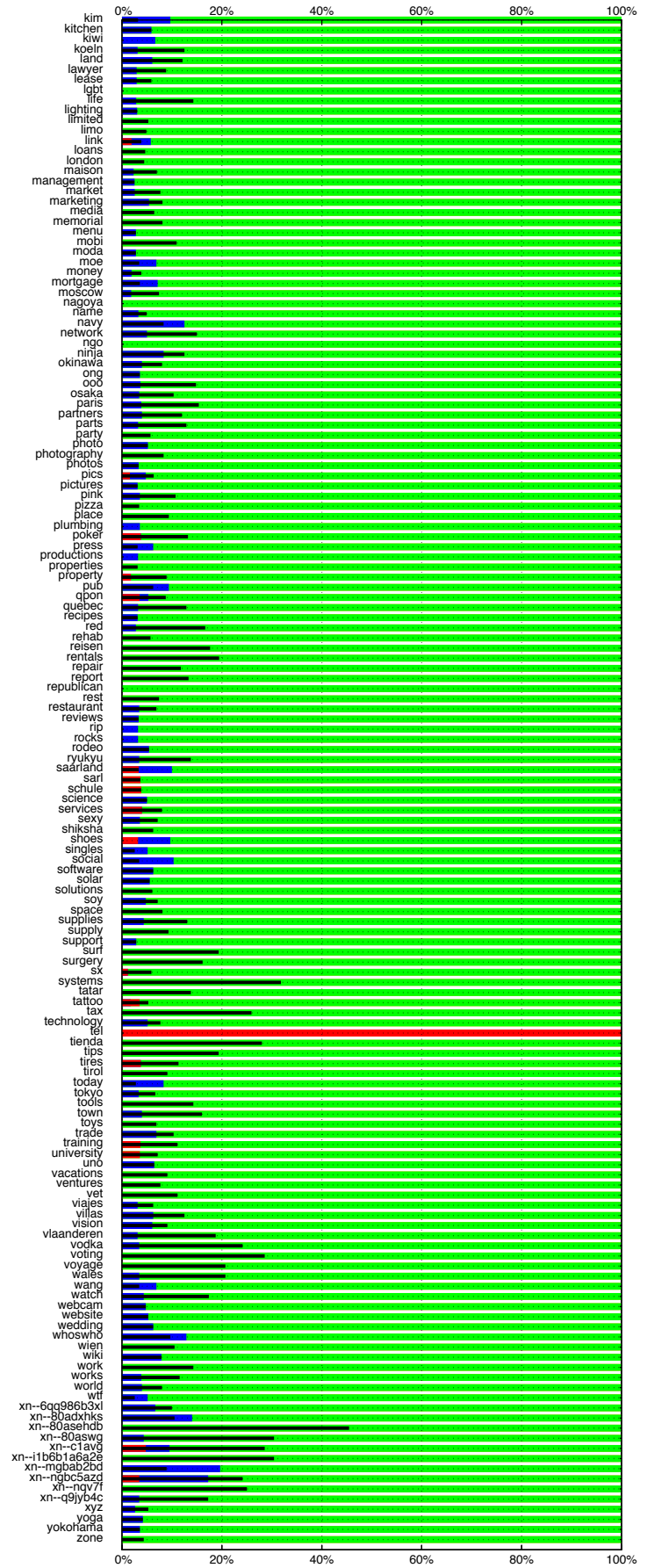
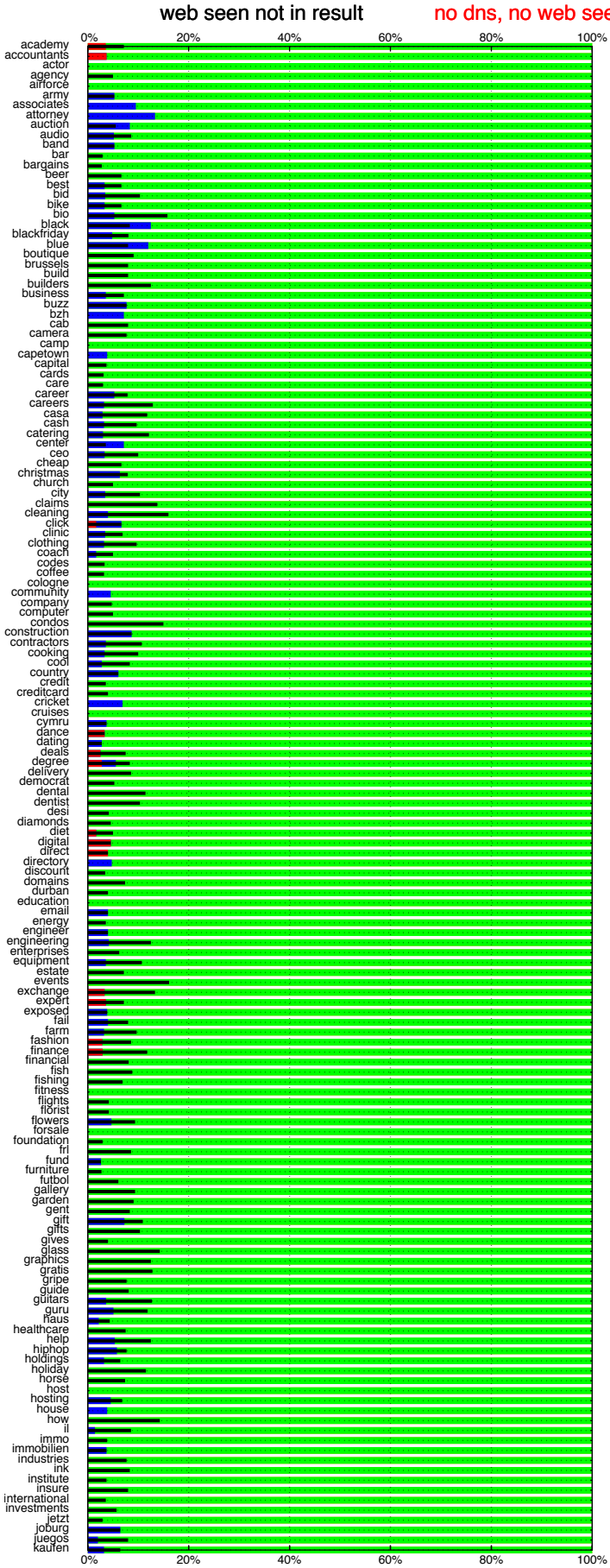
MZ - Mozambique - Samplecount: 10392



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

MZ - Mozambique - Samplecount: 10392

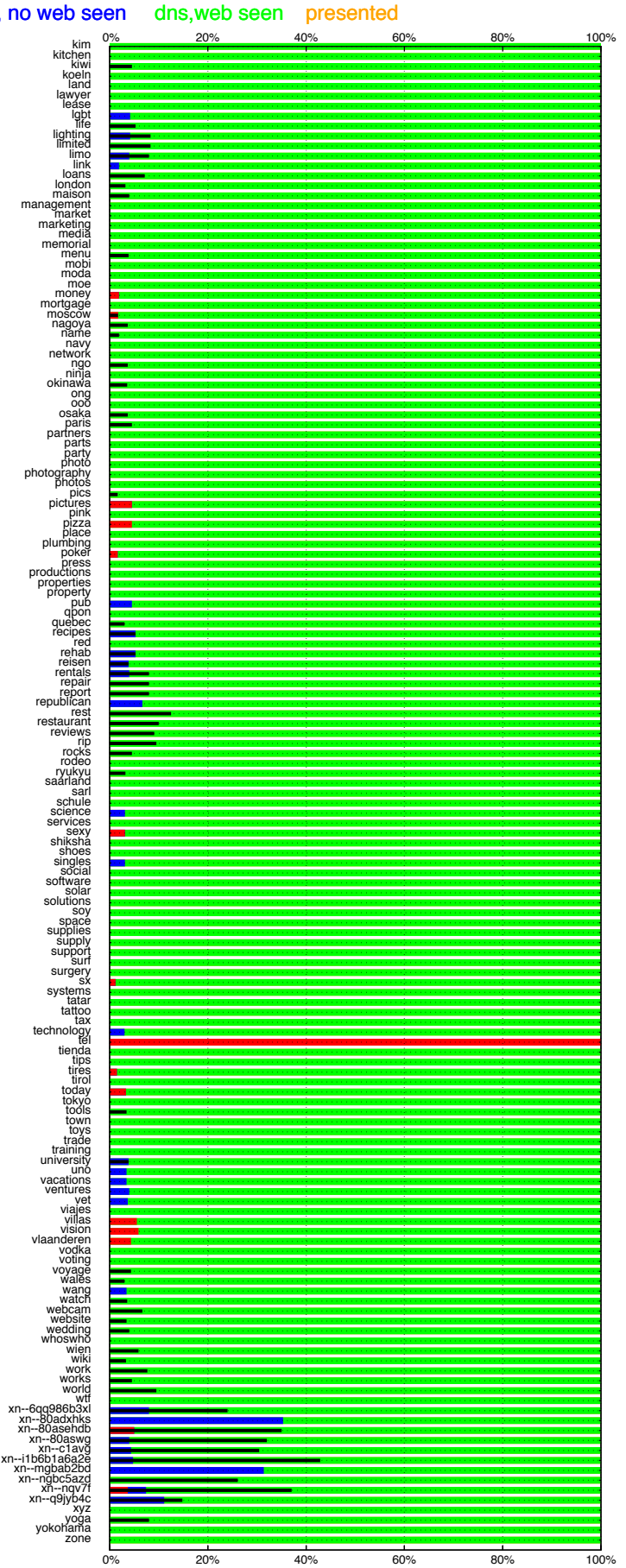
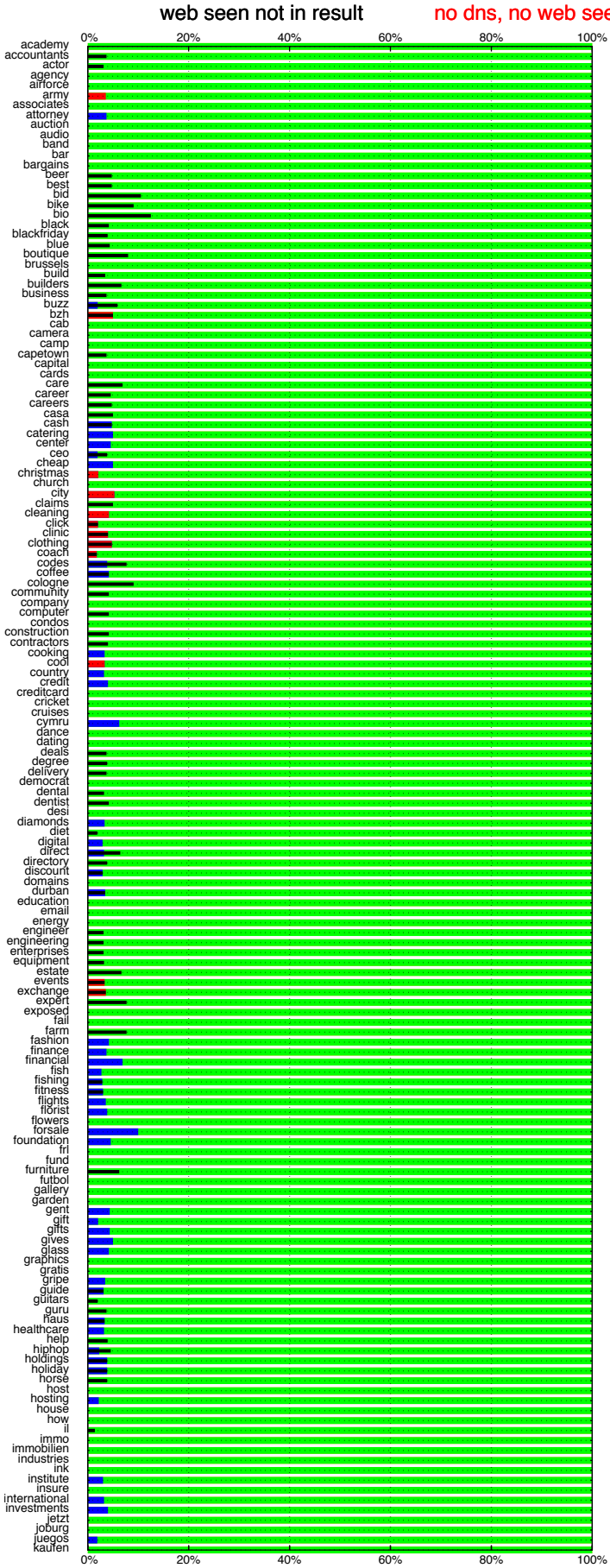
NA - Namibia - Samplecount: 9095



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

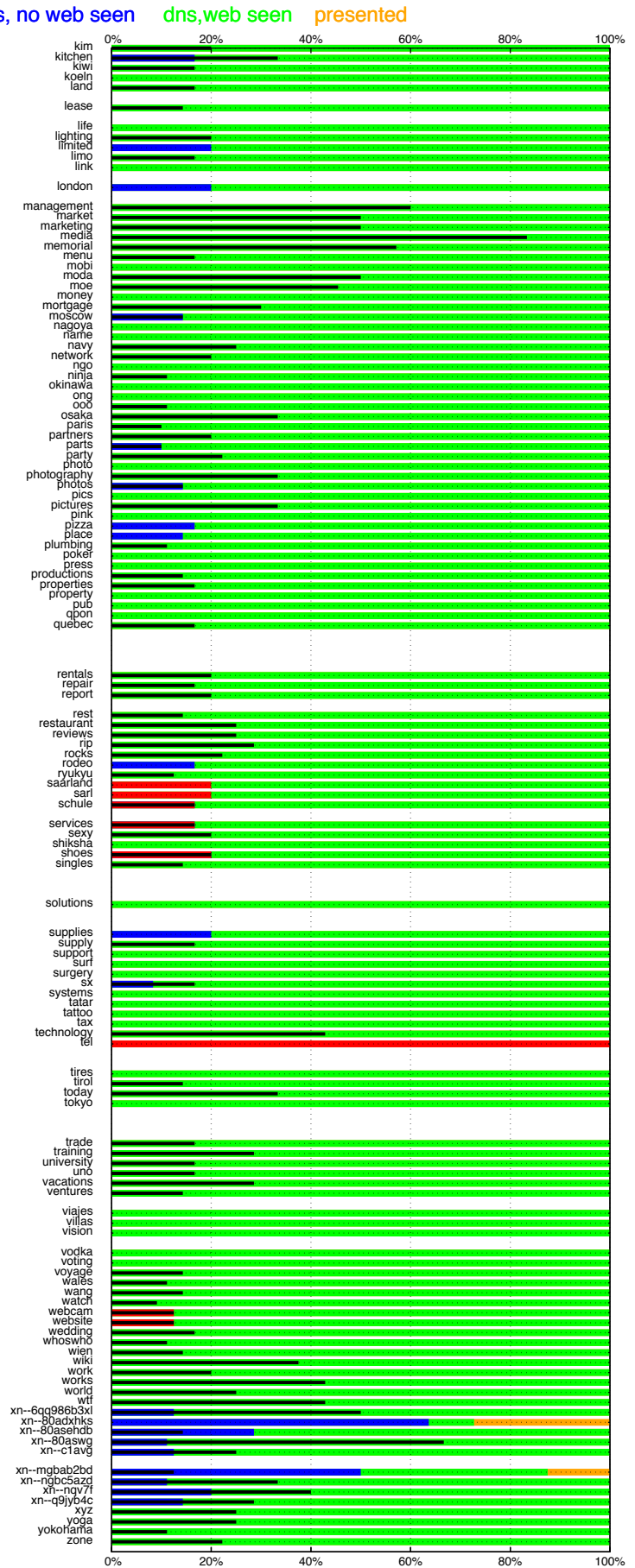
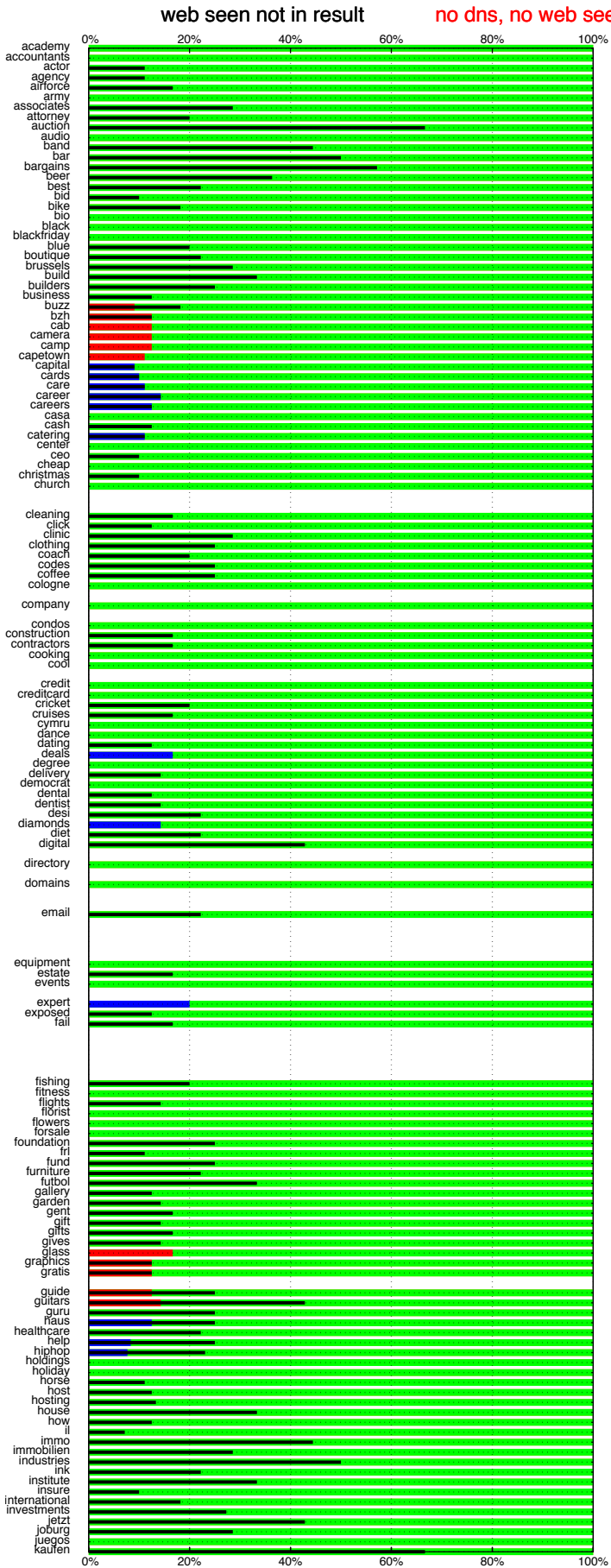
NA - Namibia - Samplecount: 9095

NC - New Caledonia - Samplecount: 8401



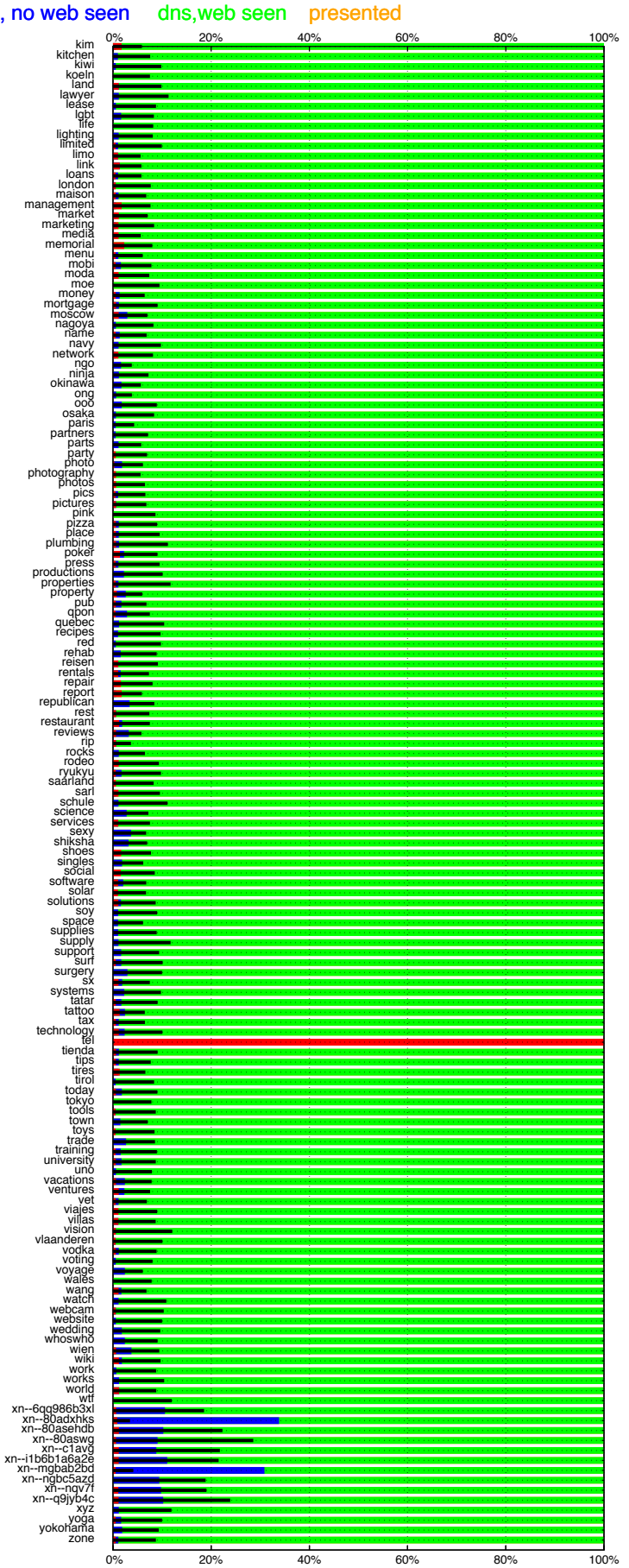
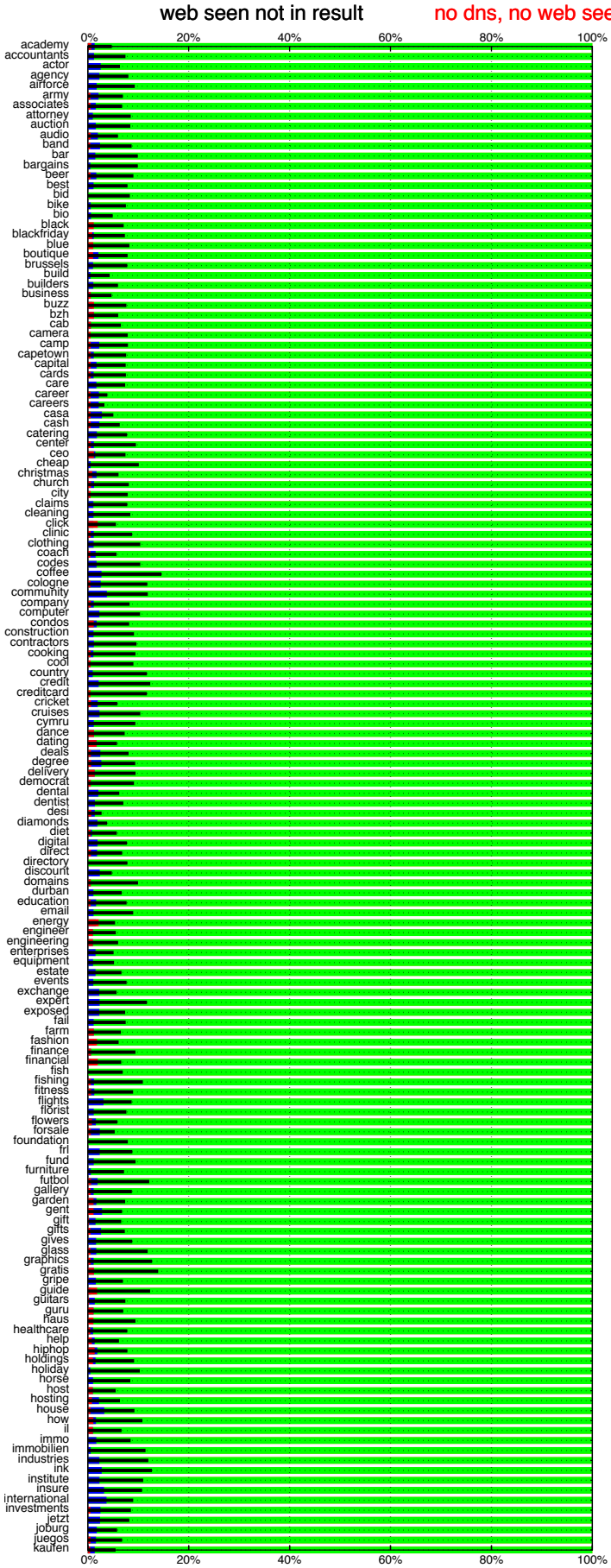
NC - New Caledonia - Samplecount: 8401

NE - Niger - Samplecount: 1823



NE - Niger - Samplecount: 1823

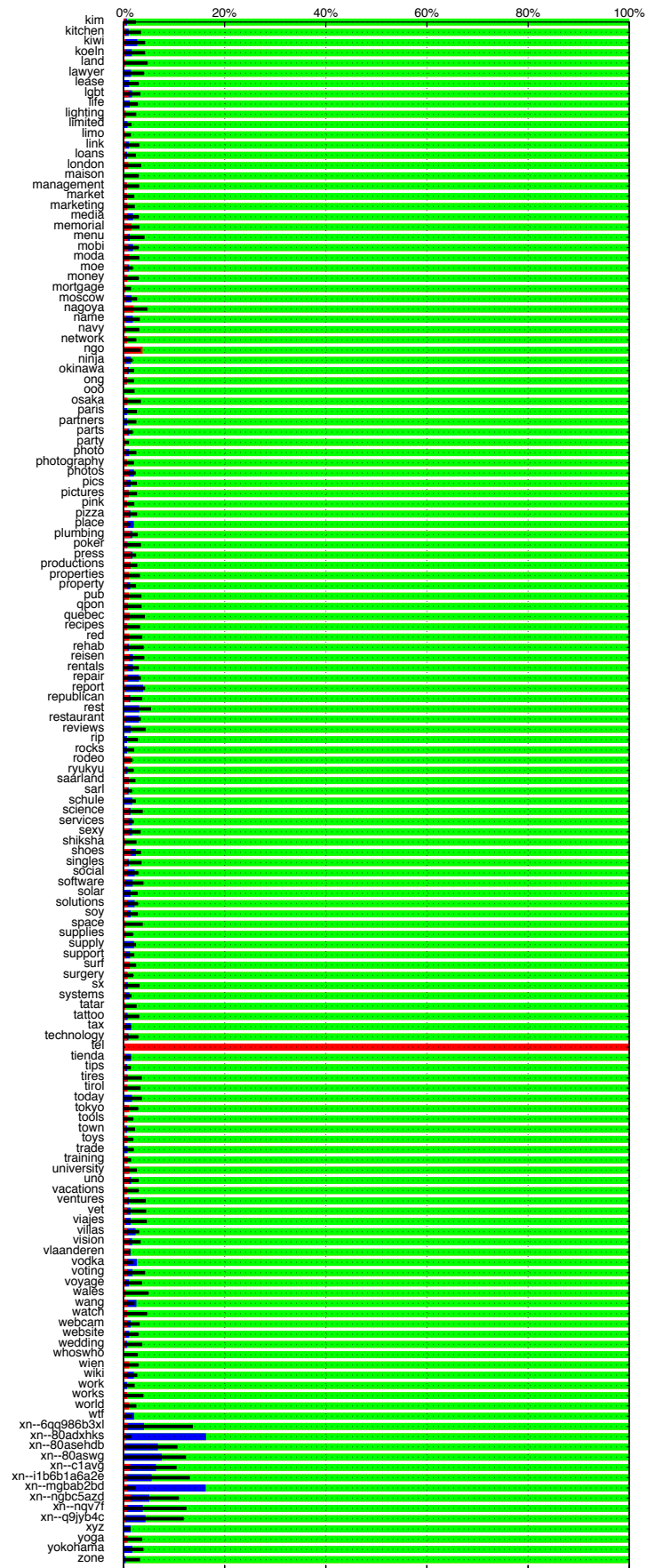
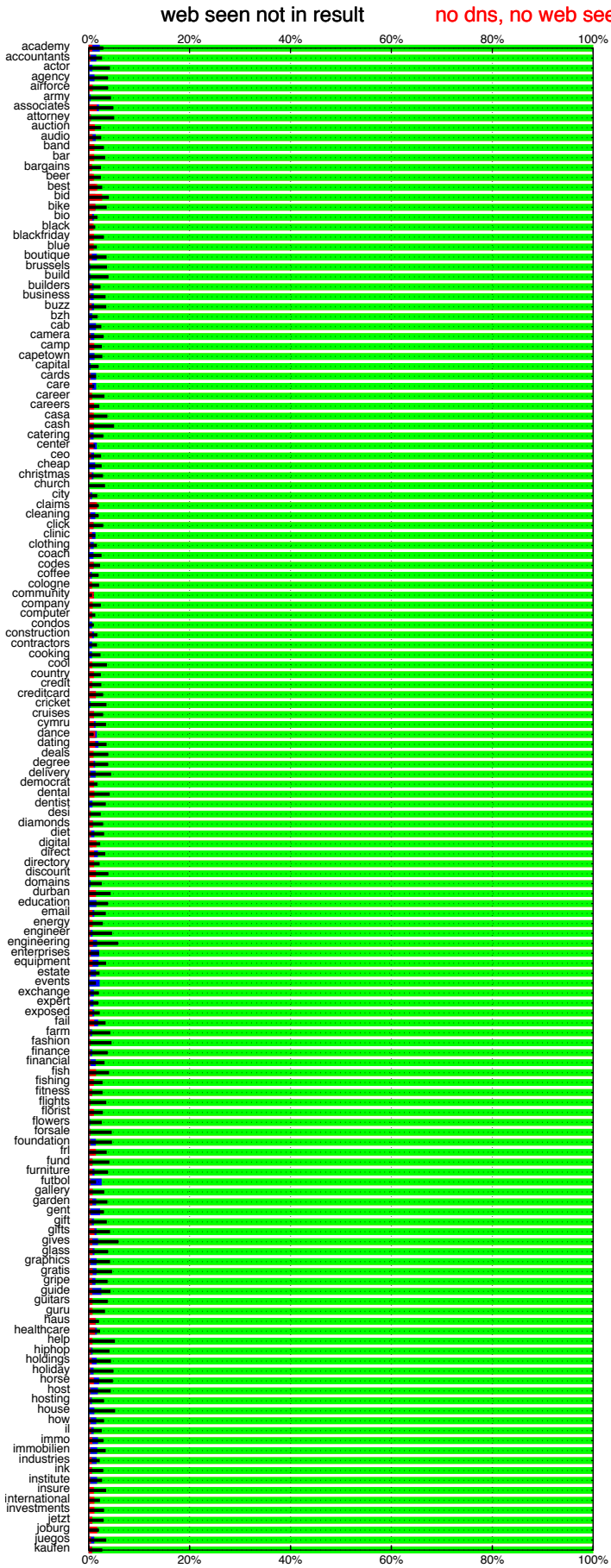
NG - Nigeria - Samplecount: 54735



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

NG - Nigeria - Samplecount: 54735

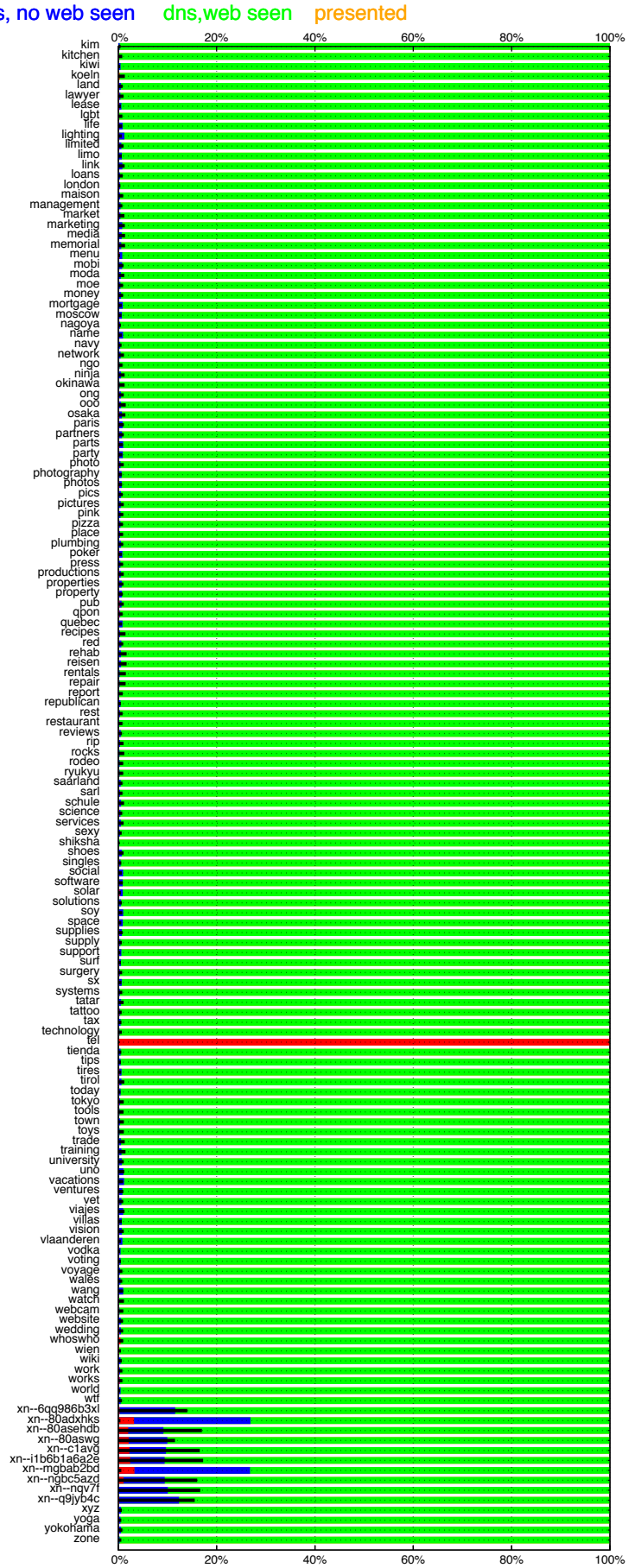
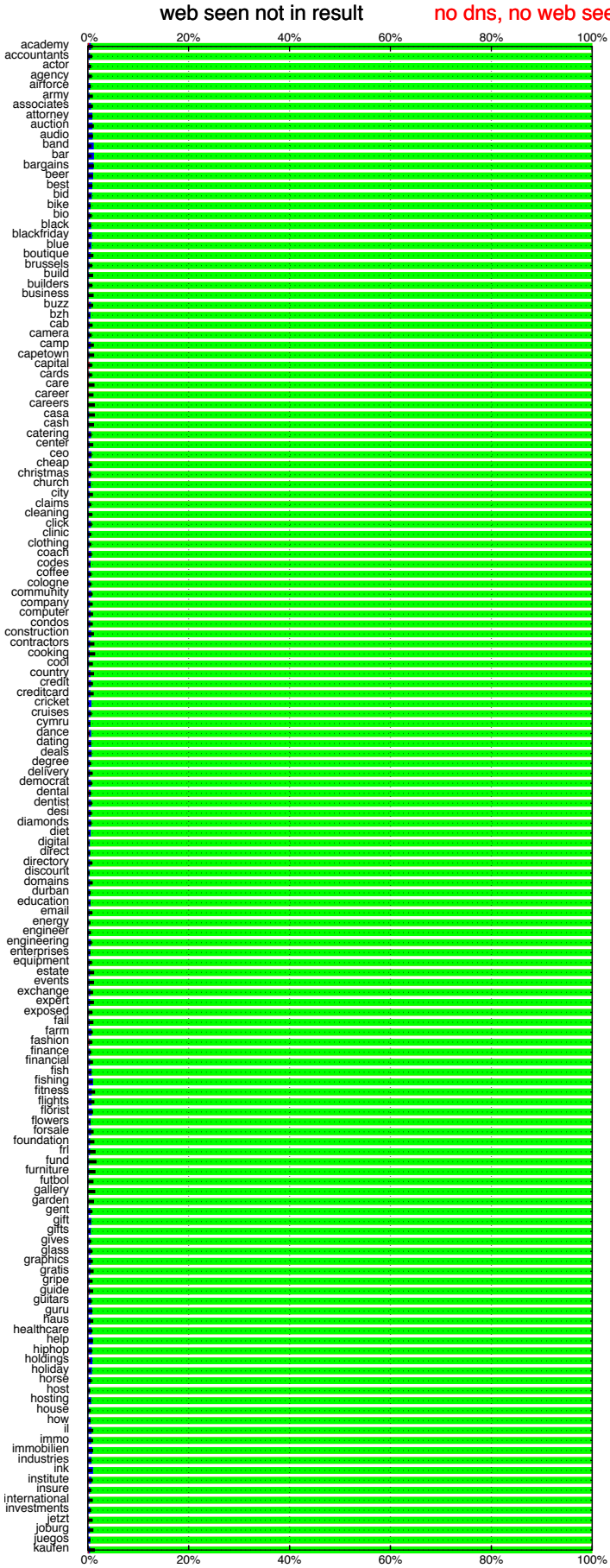
NI - Nicaragua - Samplecount: 93357



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

NI - Nicaragua - Samplecount: 93357

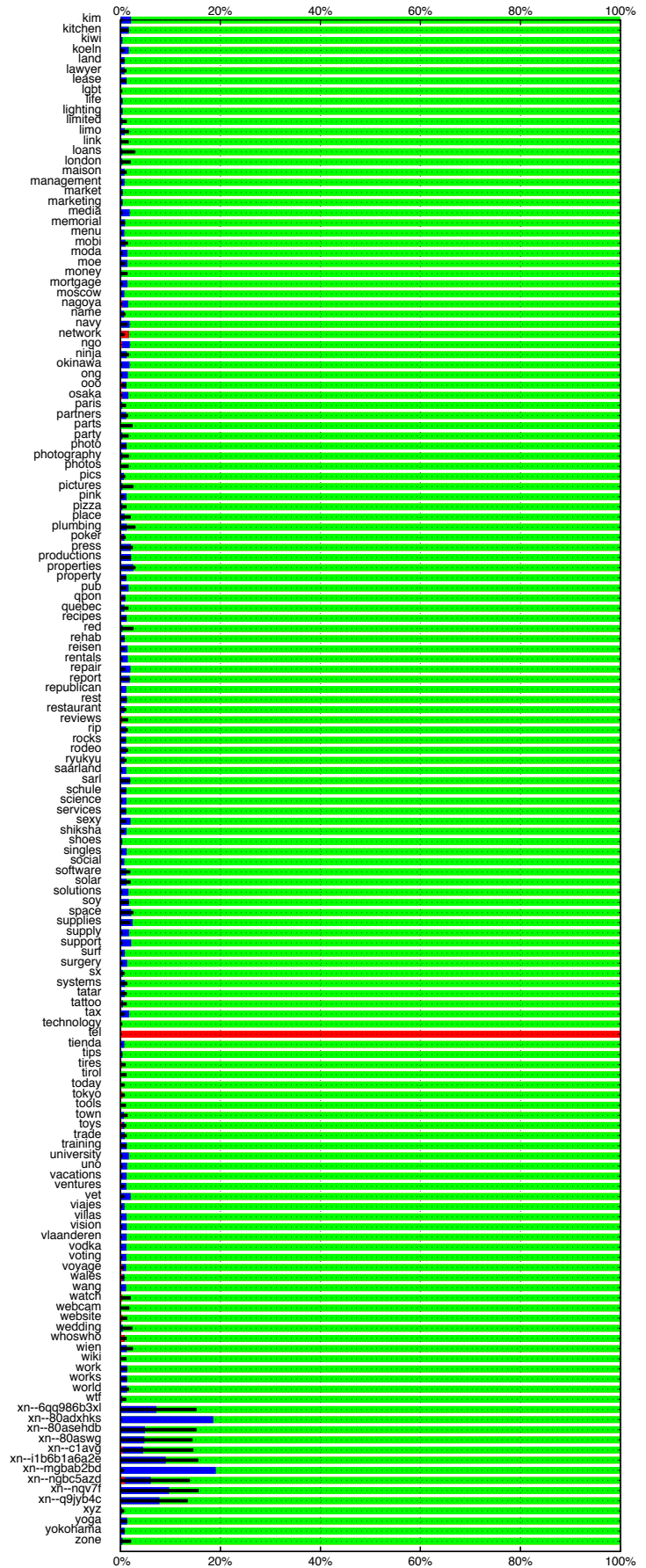
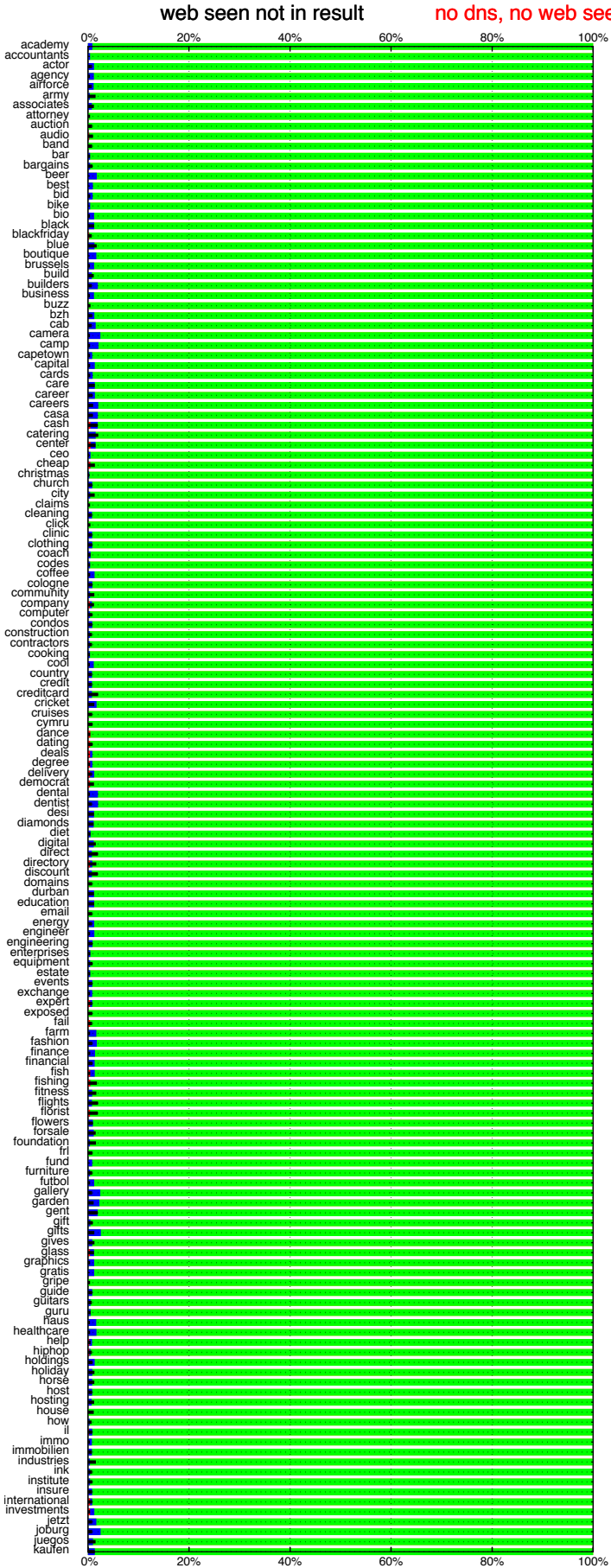
NL - Netherlands - Samplecount: 375732



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

NL - Netherlands - Samplecount: 375732

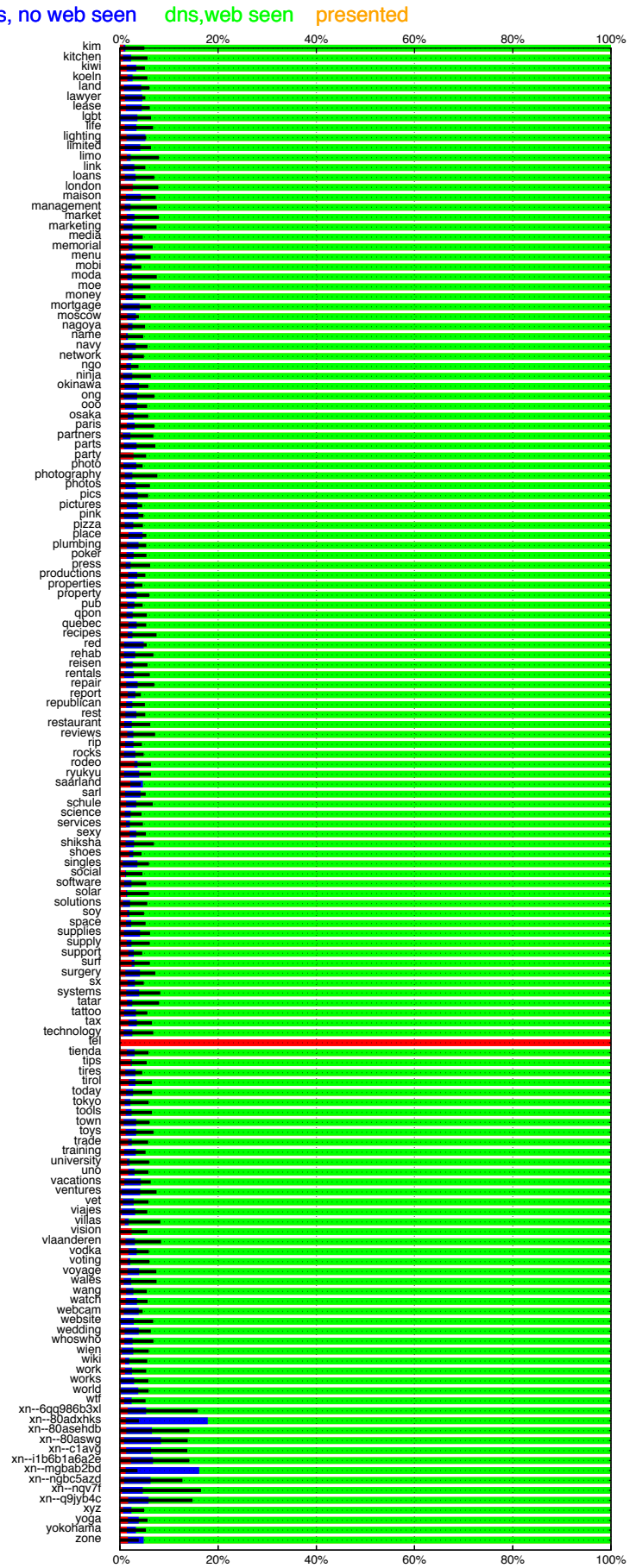
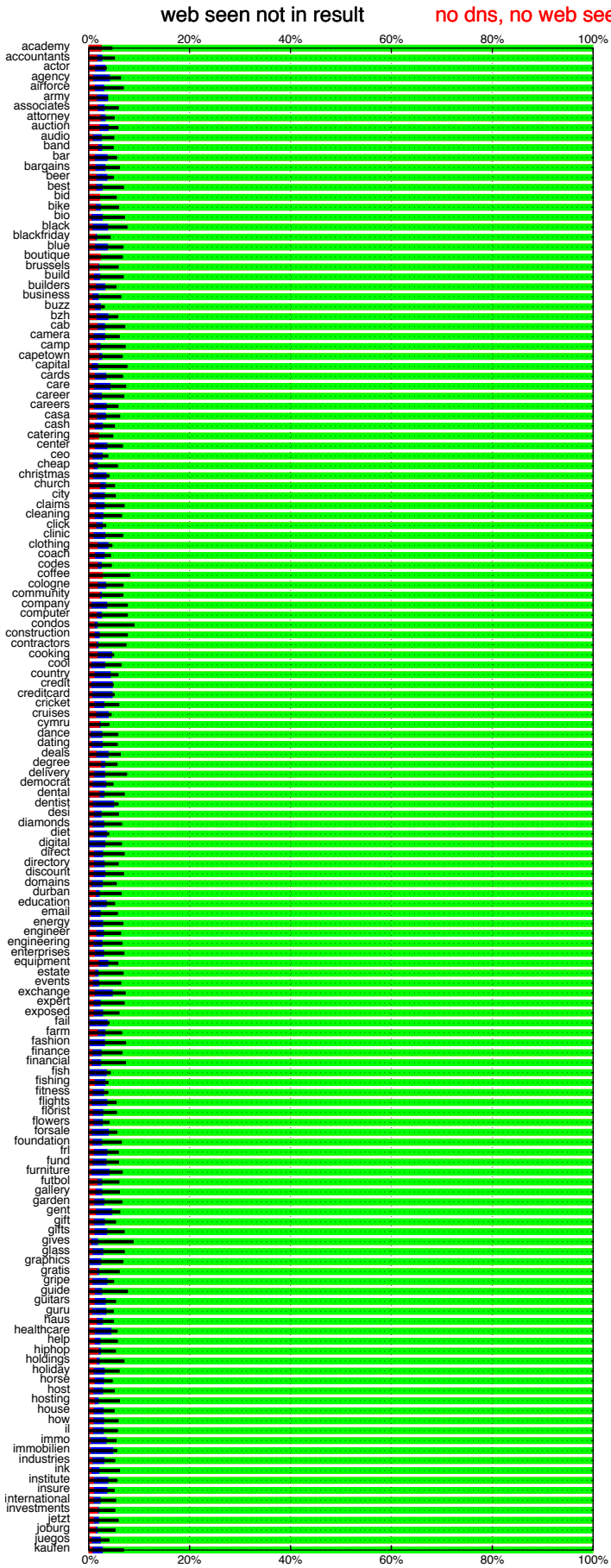
NO - Norway - Samplecount: 76795



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

NO - Norway - Samplecount: 76795

NP - Nepal - Samplecount: 159591



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

NP - Nepal - Samplecount: 159591

NR - Nauru - Samplecount: 50

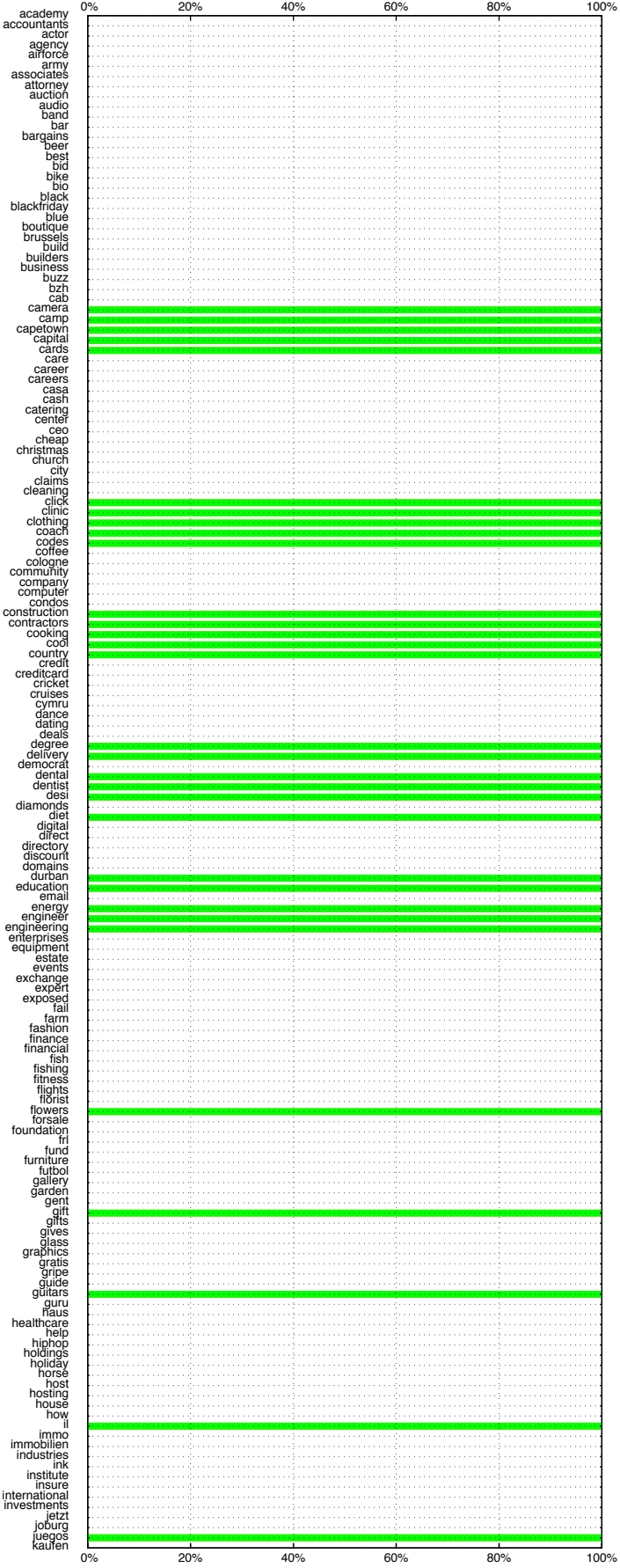
web seen not in result

no dns, no web seen

dns, no web seen

dns, web seen

presented



web seen not in result

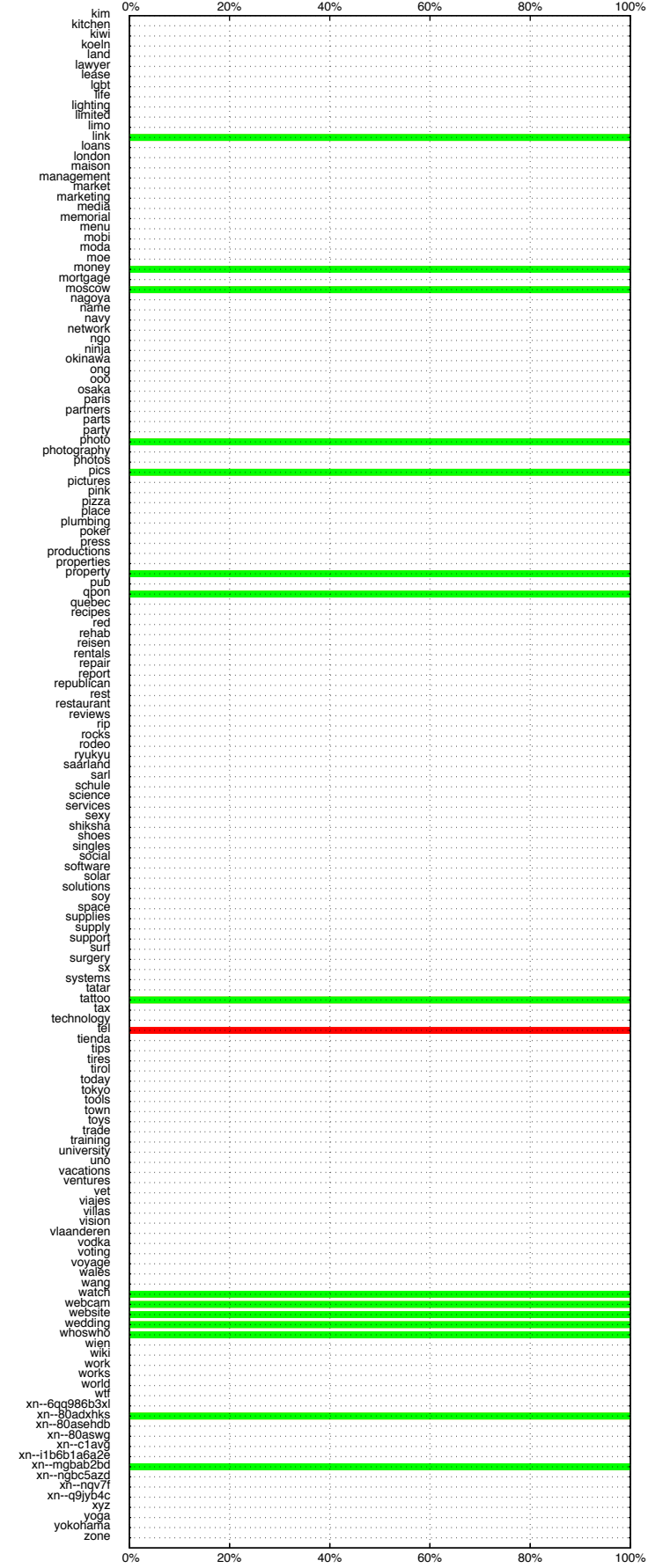
no dns, no web seen

dns, no web seen

dns, web seen

presented

NR - Nauru - Samplecount: 50



web seen not in result

no dns, no web seen

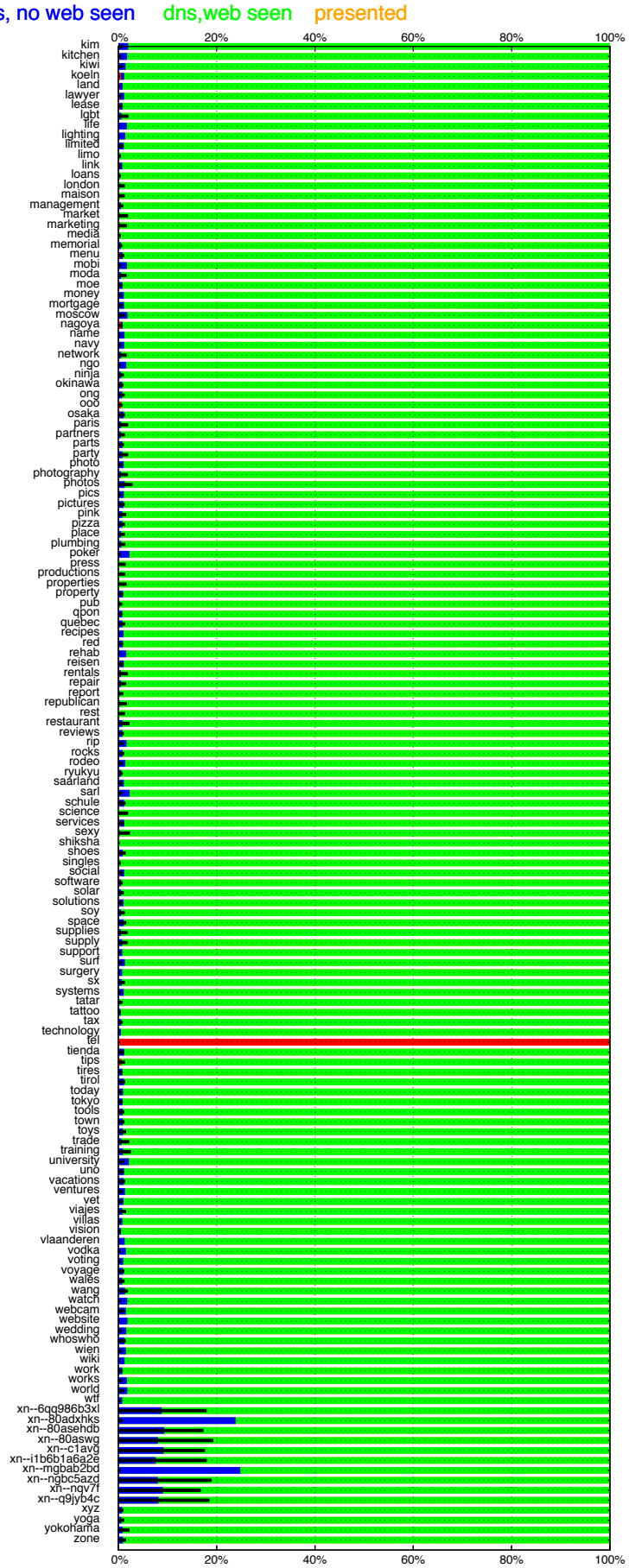
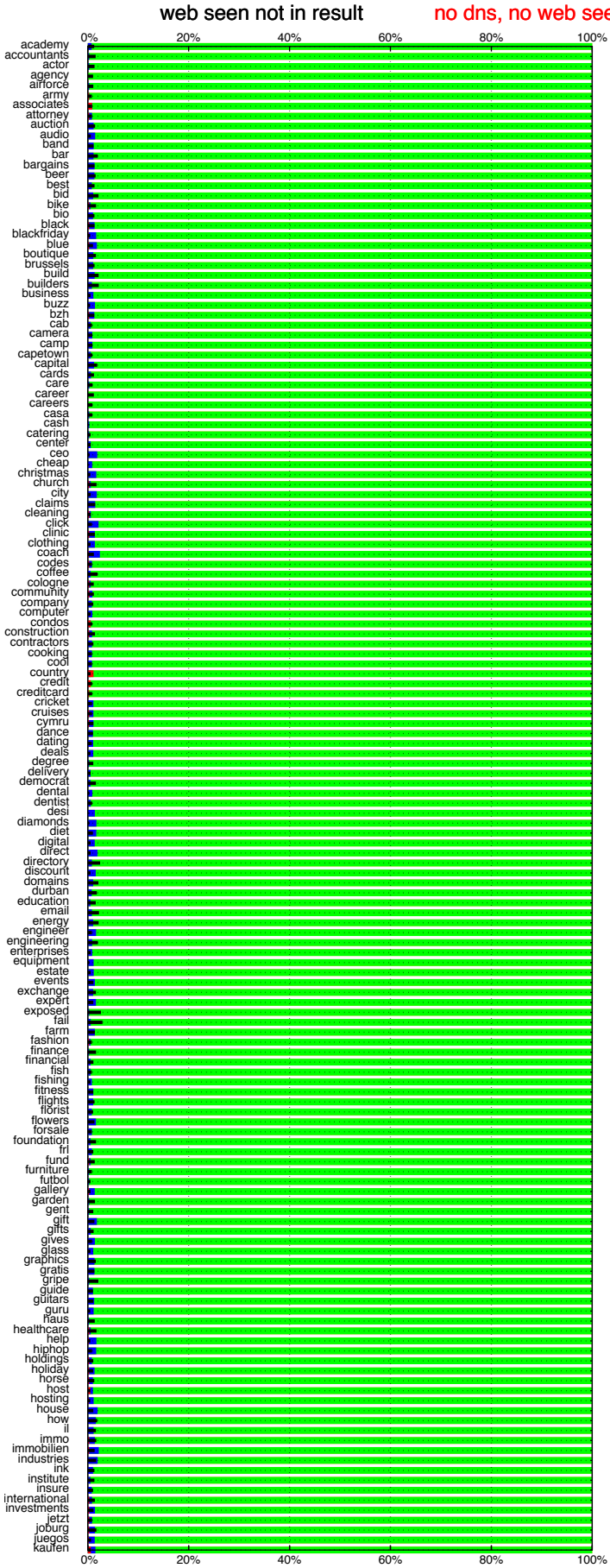
dns, no web seen

dns, web seen

presented

NR - Nauru - Samplecount: 50

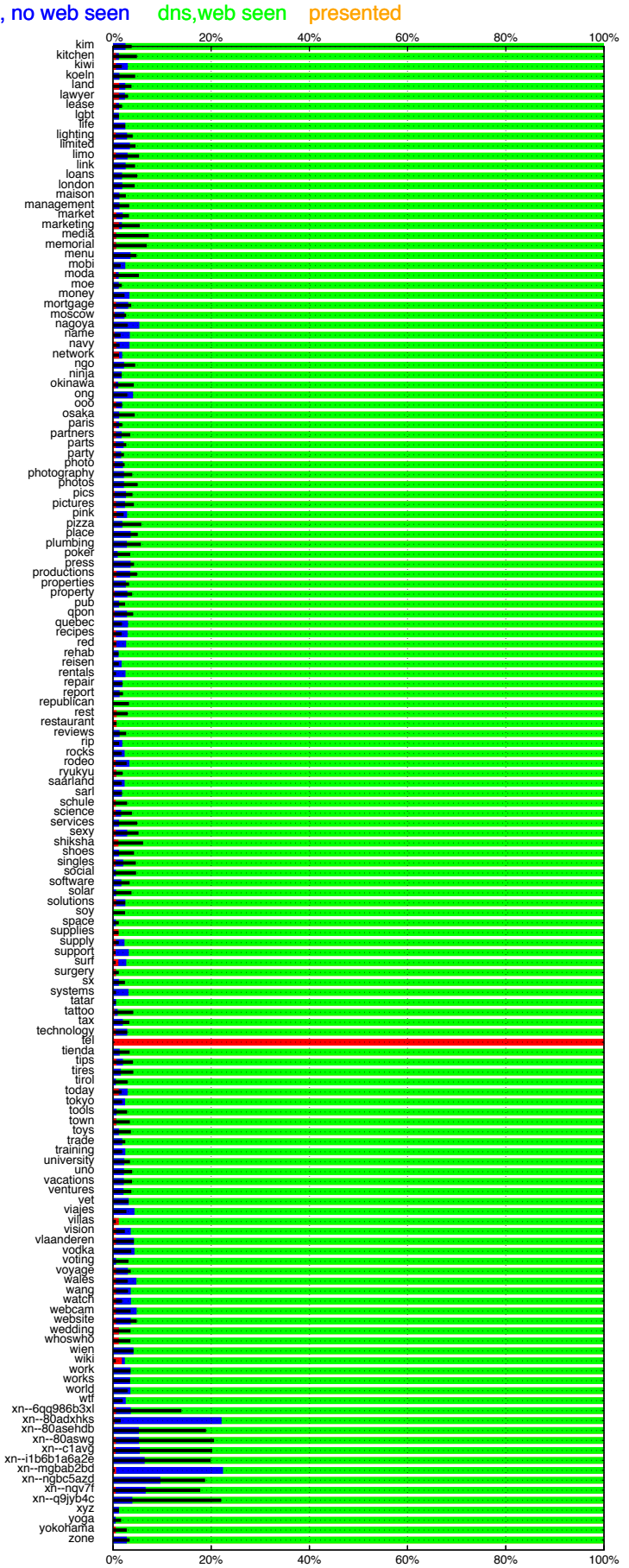
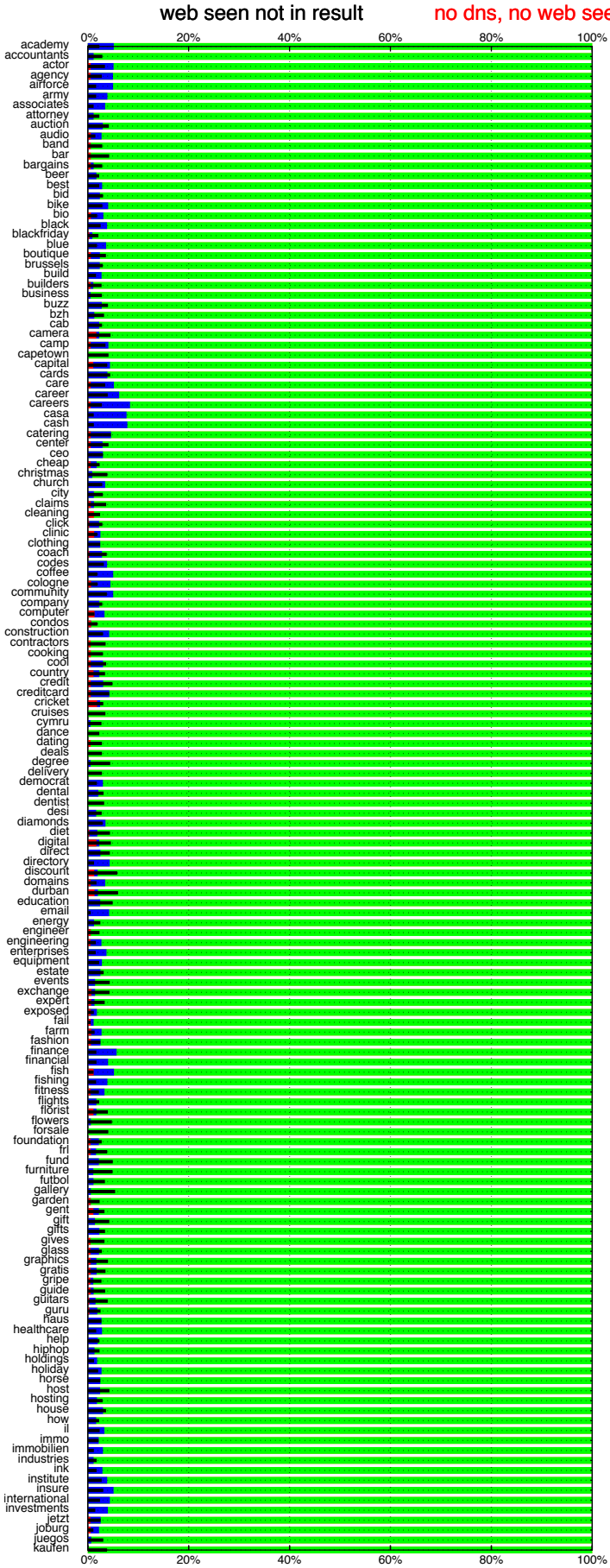
NZ - New Zealand - Samplecount: 116664



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

NZ - New Zealand - Samplecount: 116664

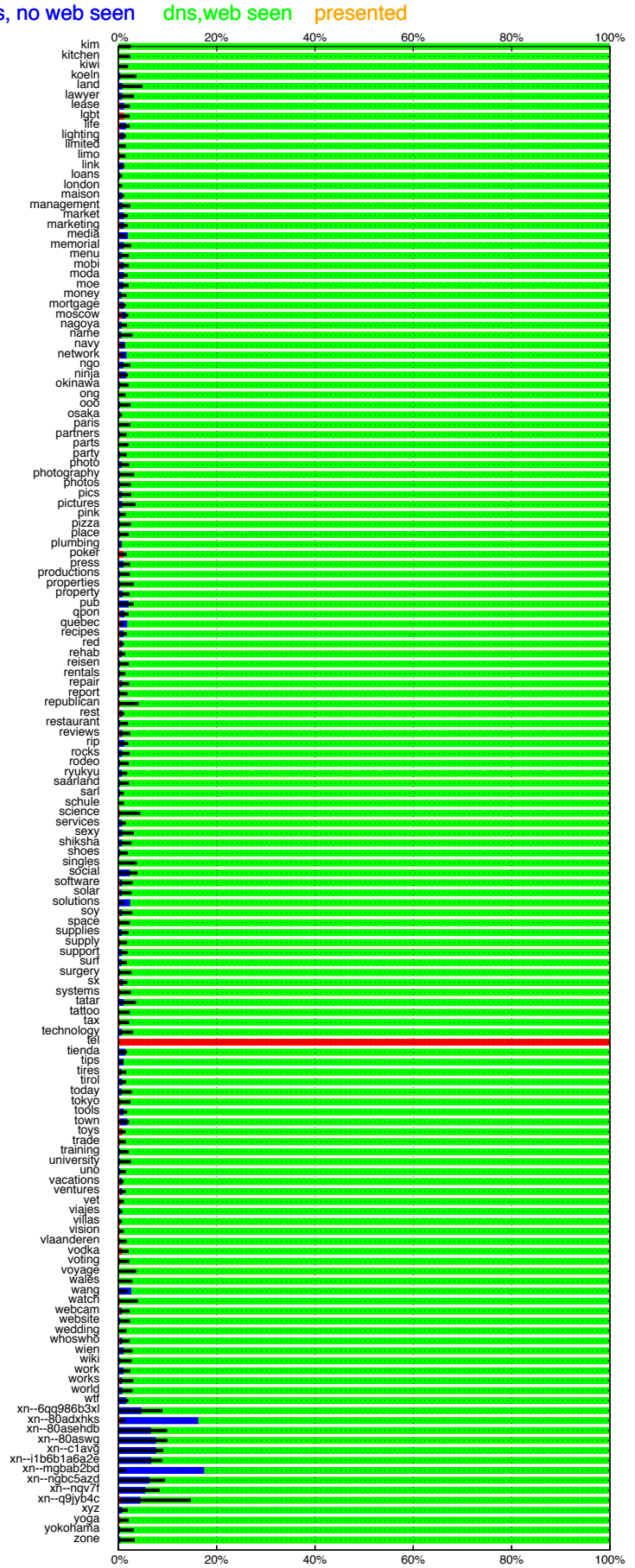
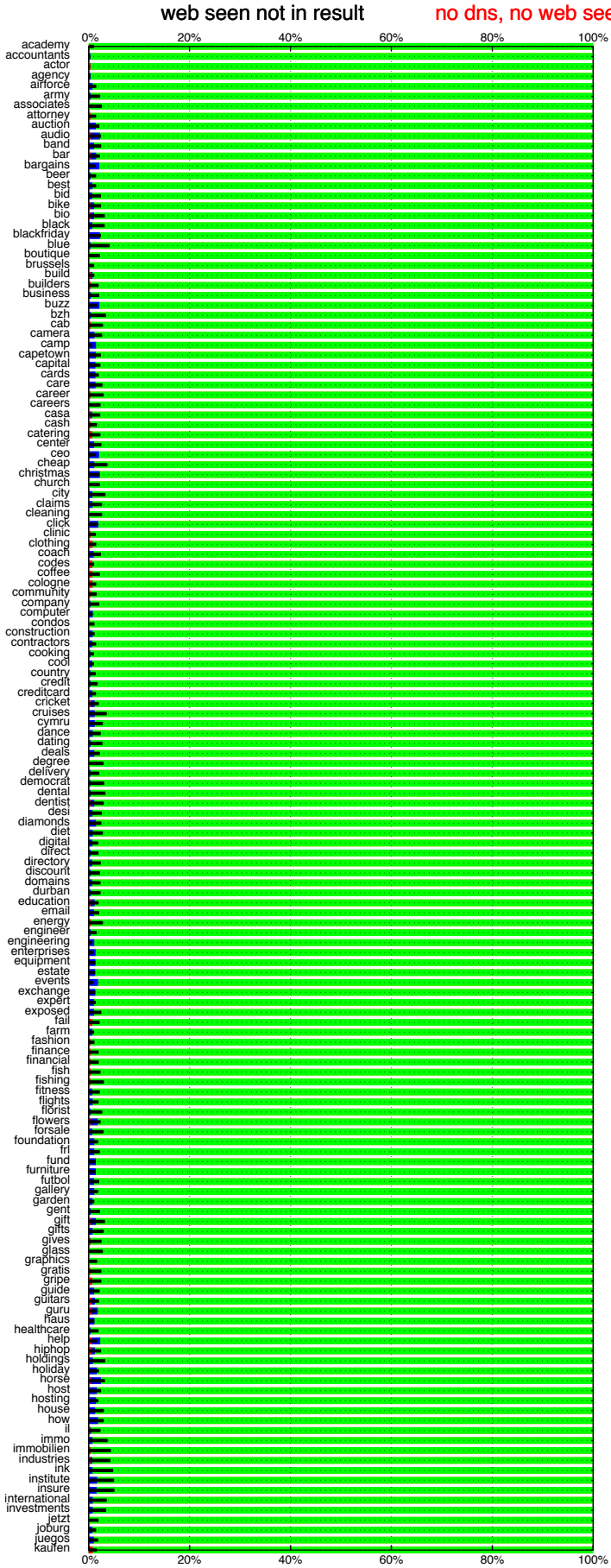
OM - Oman - Samplecount: 54261



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

OM - Oman - Samplecount: 54261

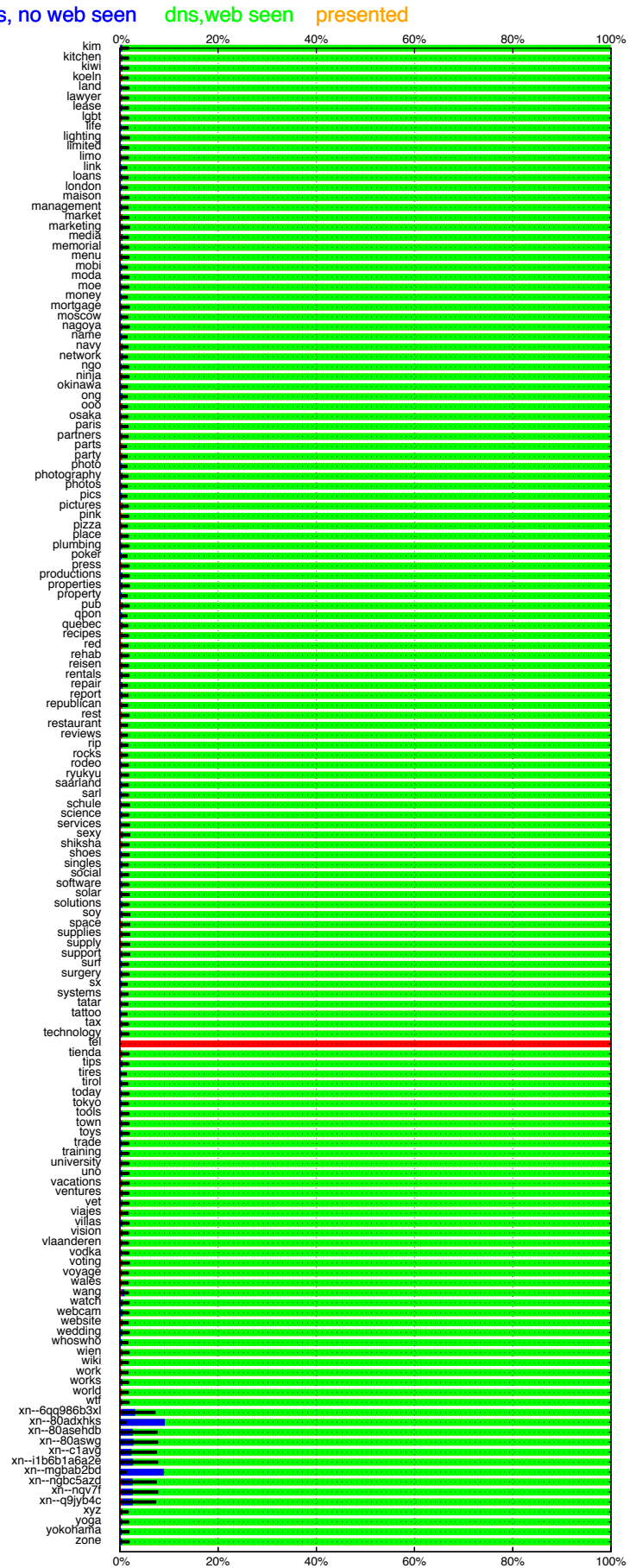
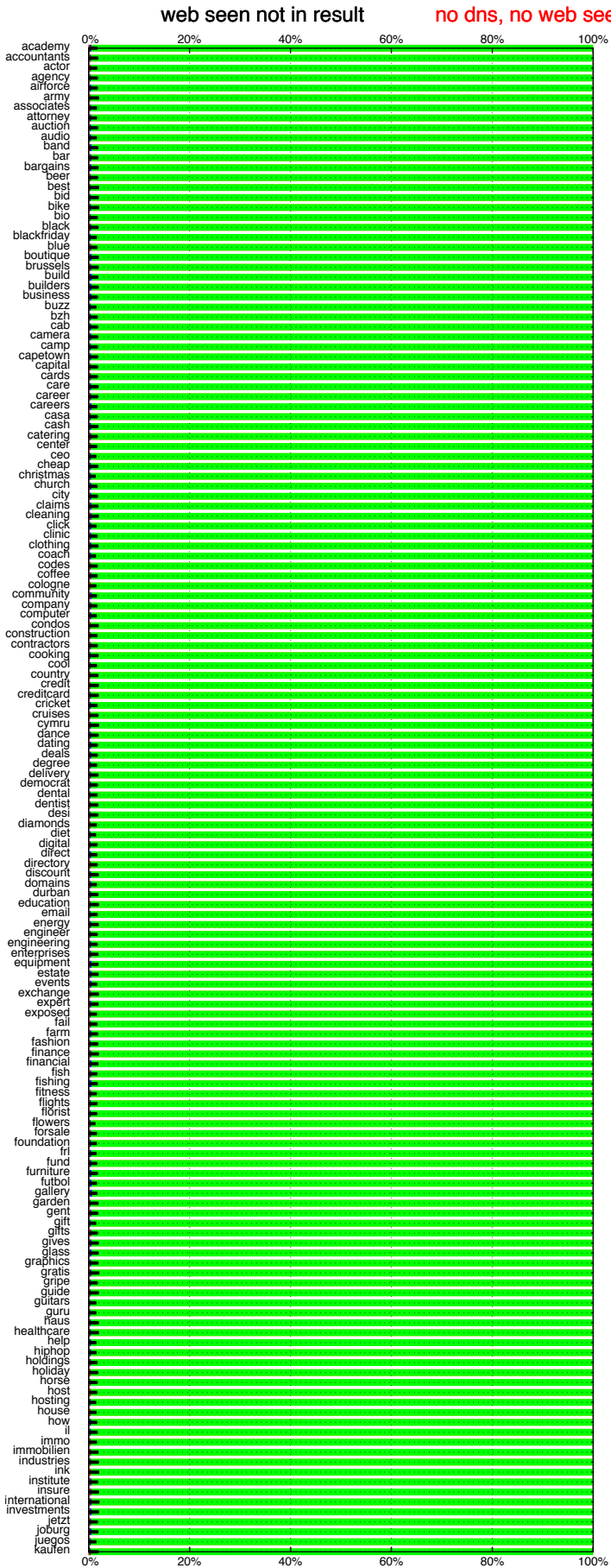
PA - Panama - Samplecount: 87445



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

PA - Panama - Samplecount: 87445

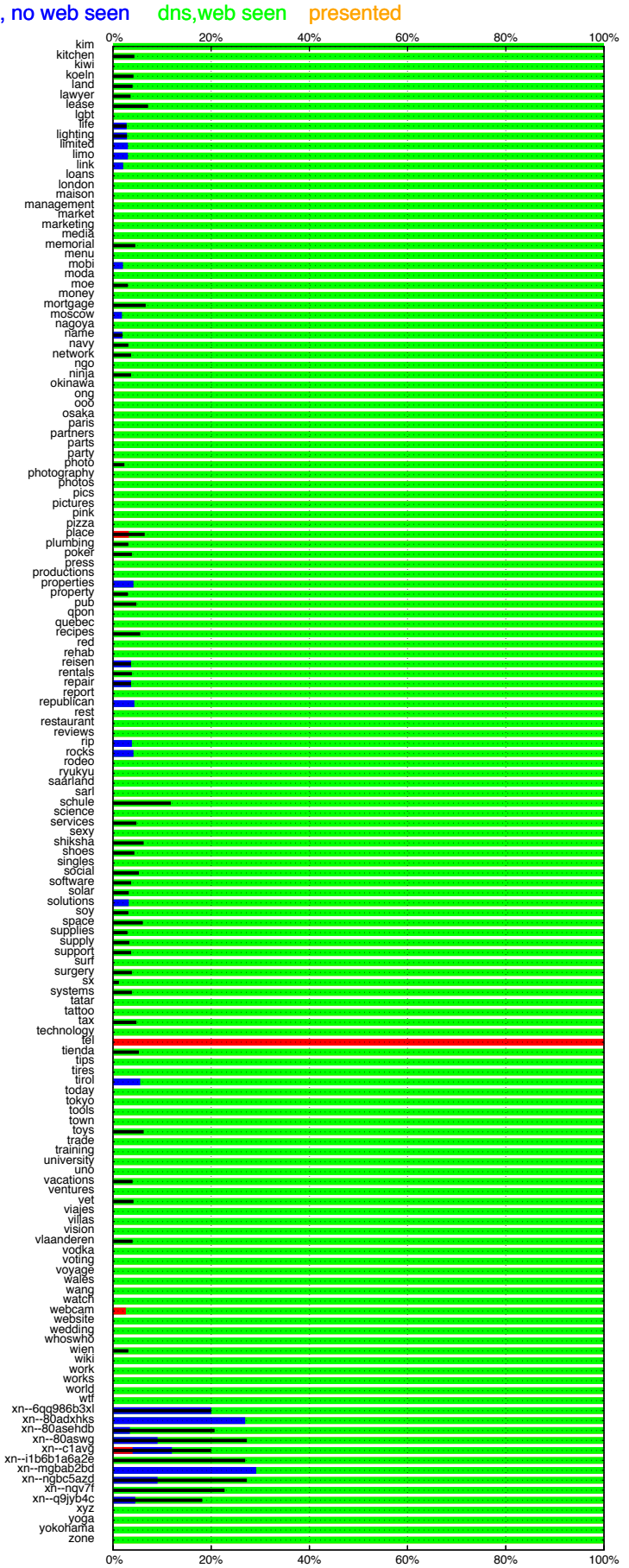
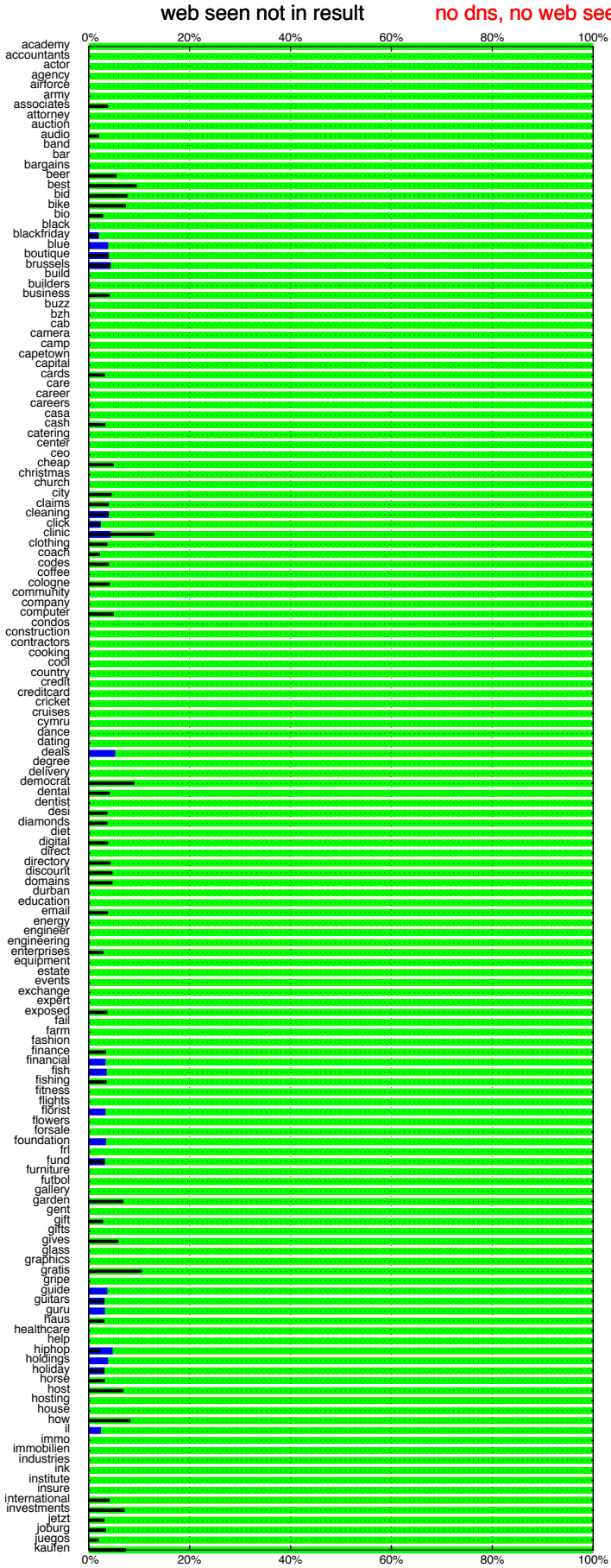
PE - Peru - Samplecount: 3863549



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

PE - Peru - Samplecount: 3863549

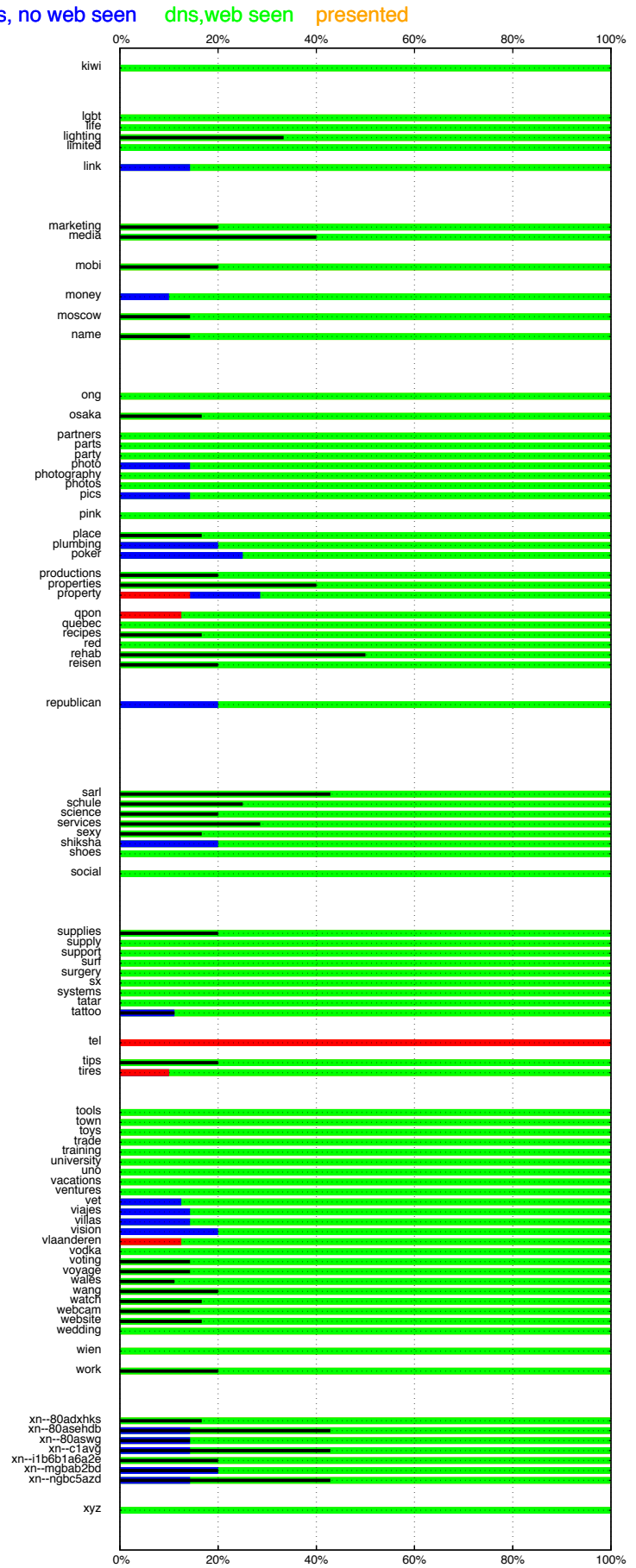
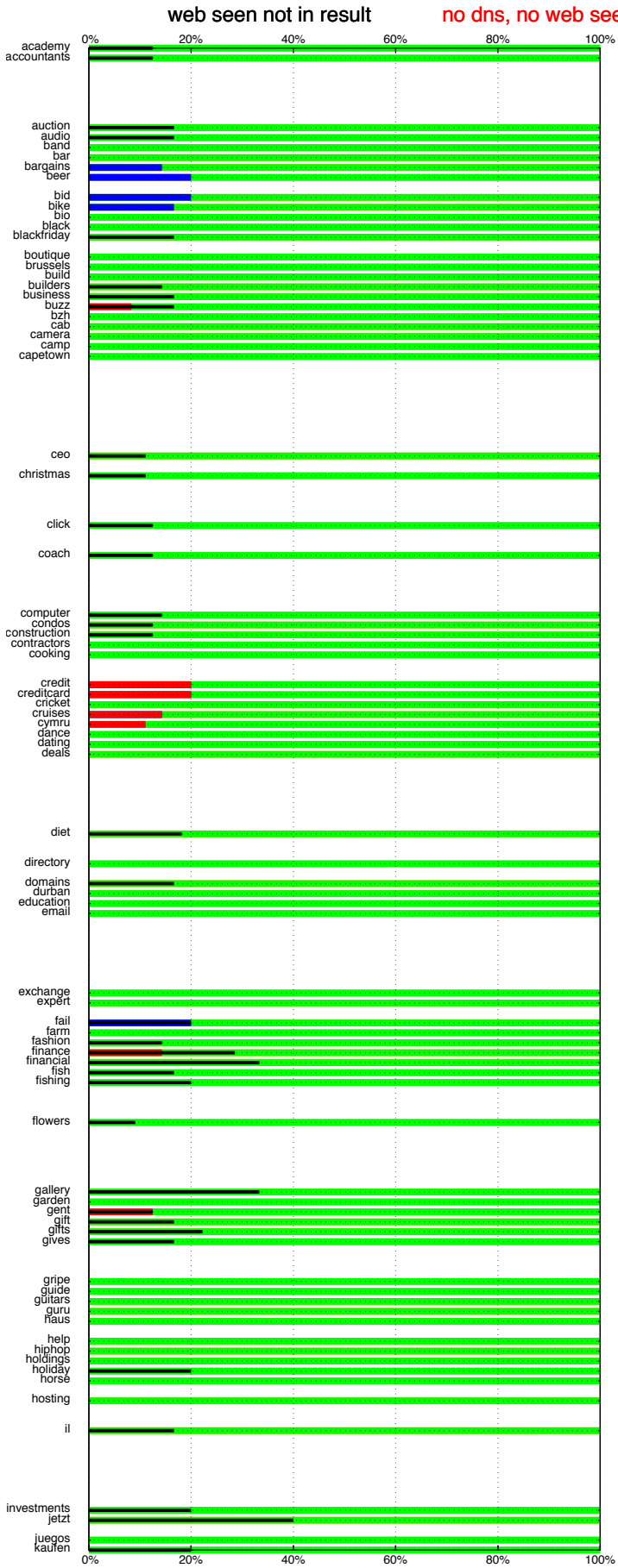
PF - French Polynesia - Samplecount: 8210



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

PF - French Polynesia - Samplecount: 8210

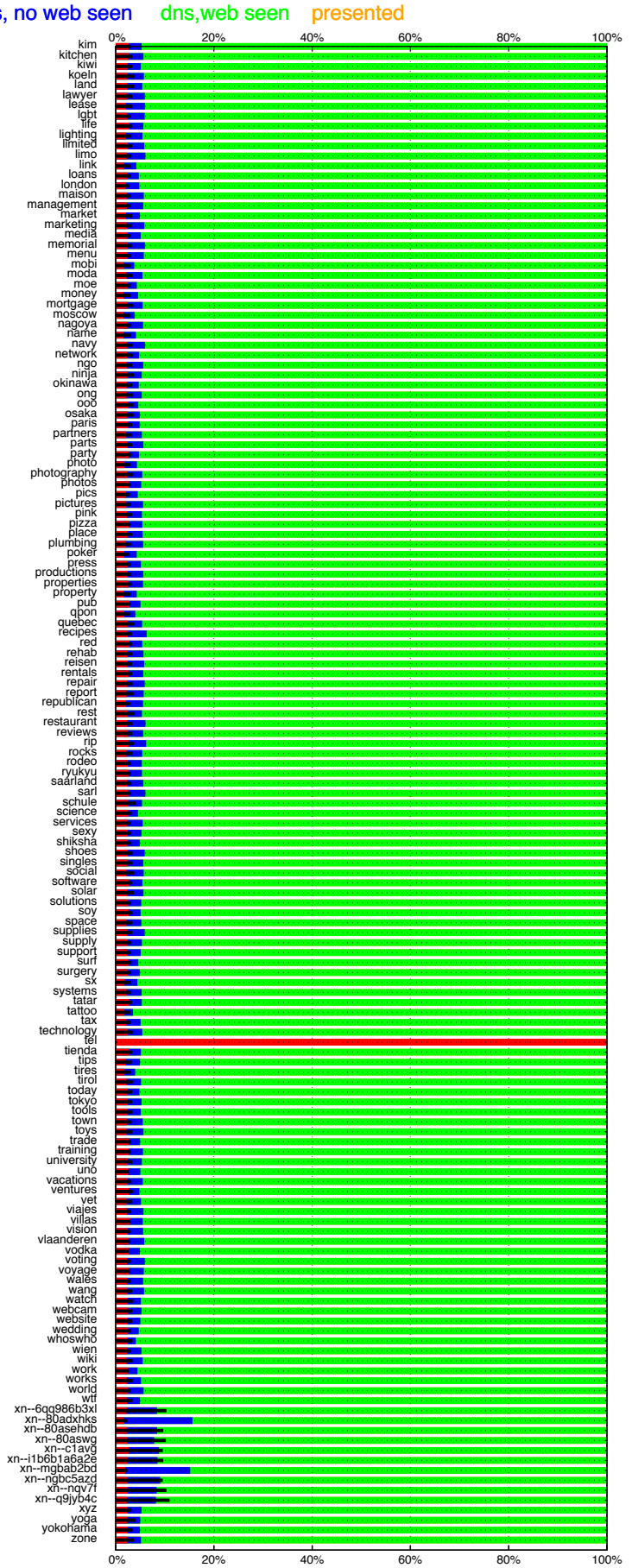
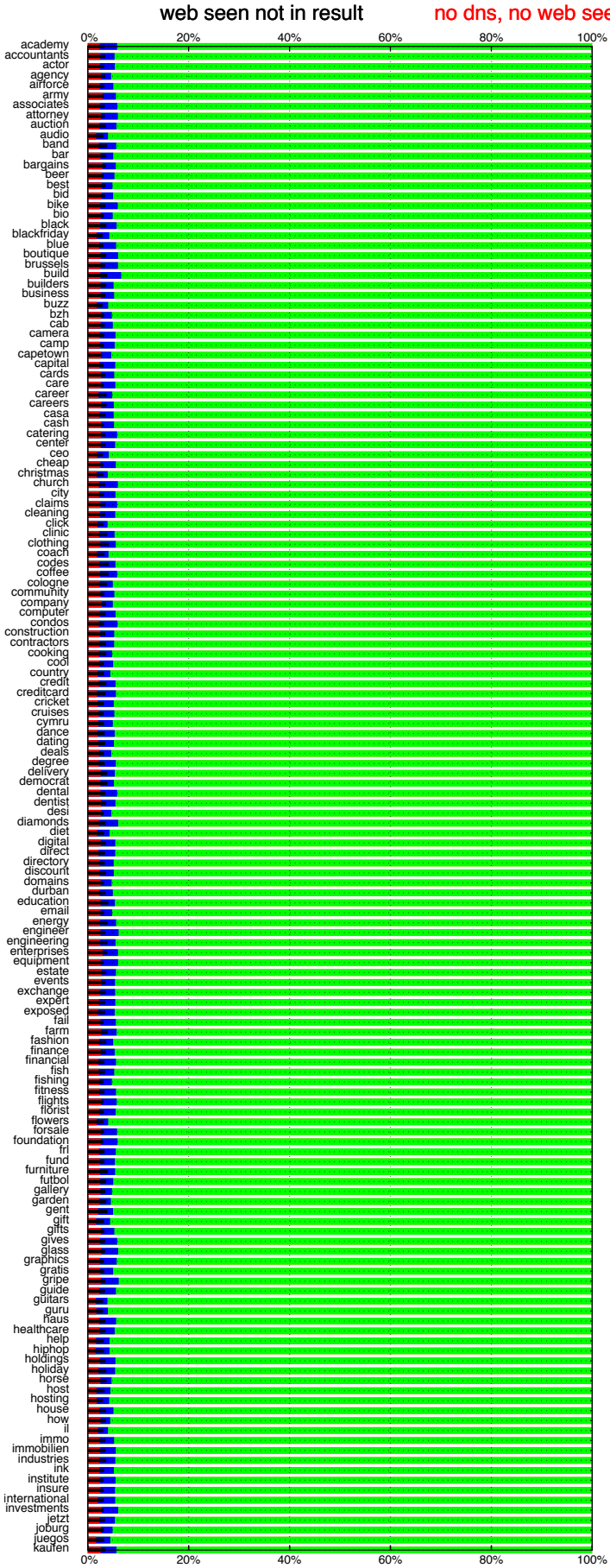
PG - Papua New Guinea - Samplecount: 1387



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

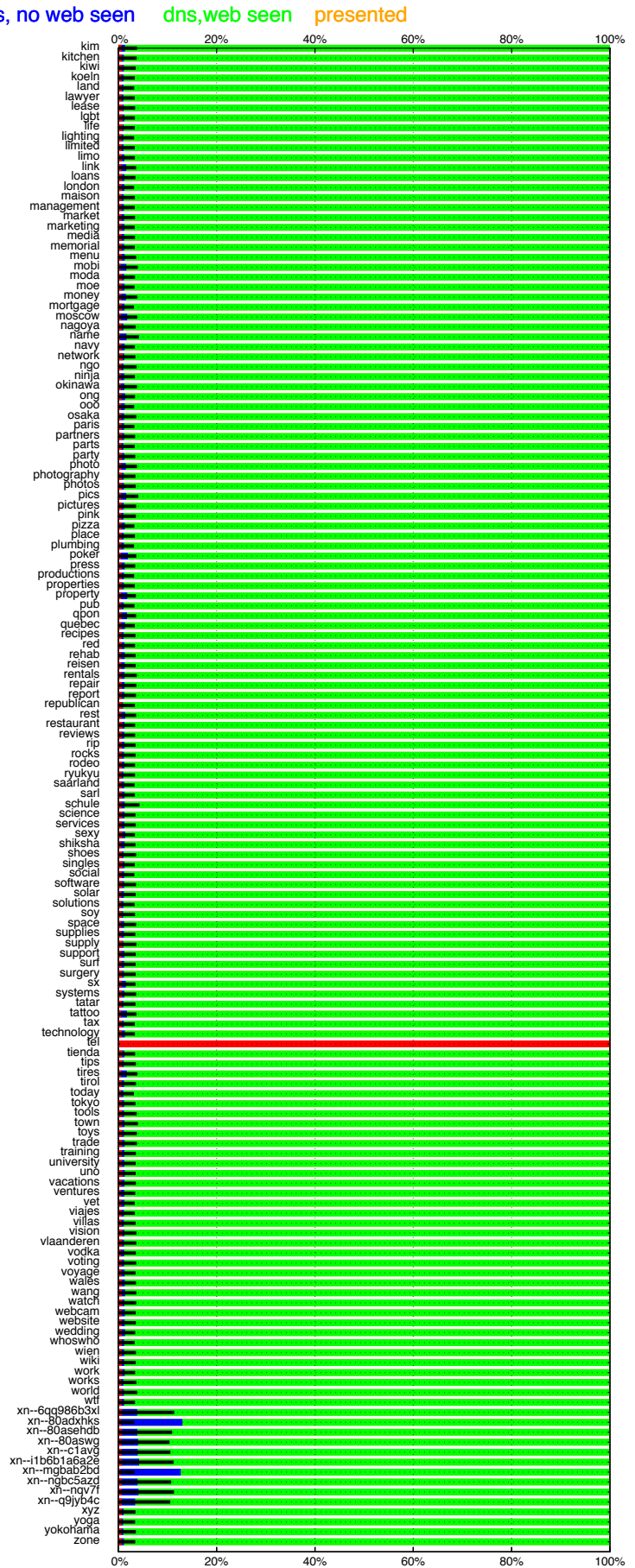
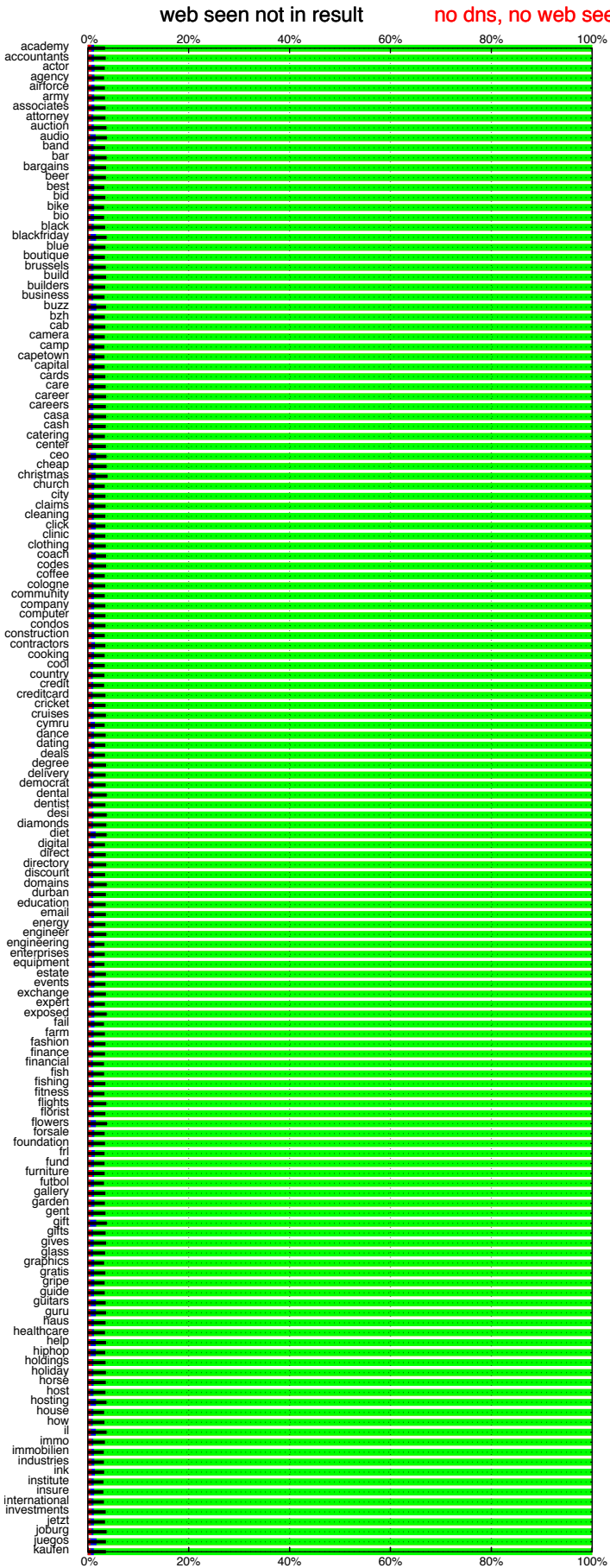
PG - Papua New Guinea - Samplecount: 1387

PH - Philippines - Samplecount: 2092296



PH - Philippines - Samplecount: 2092296

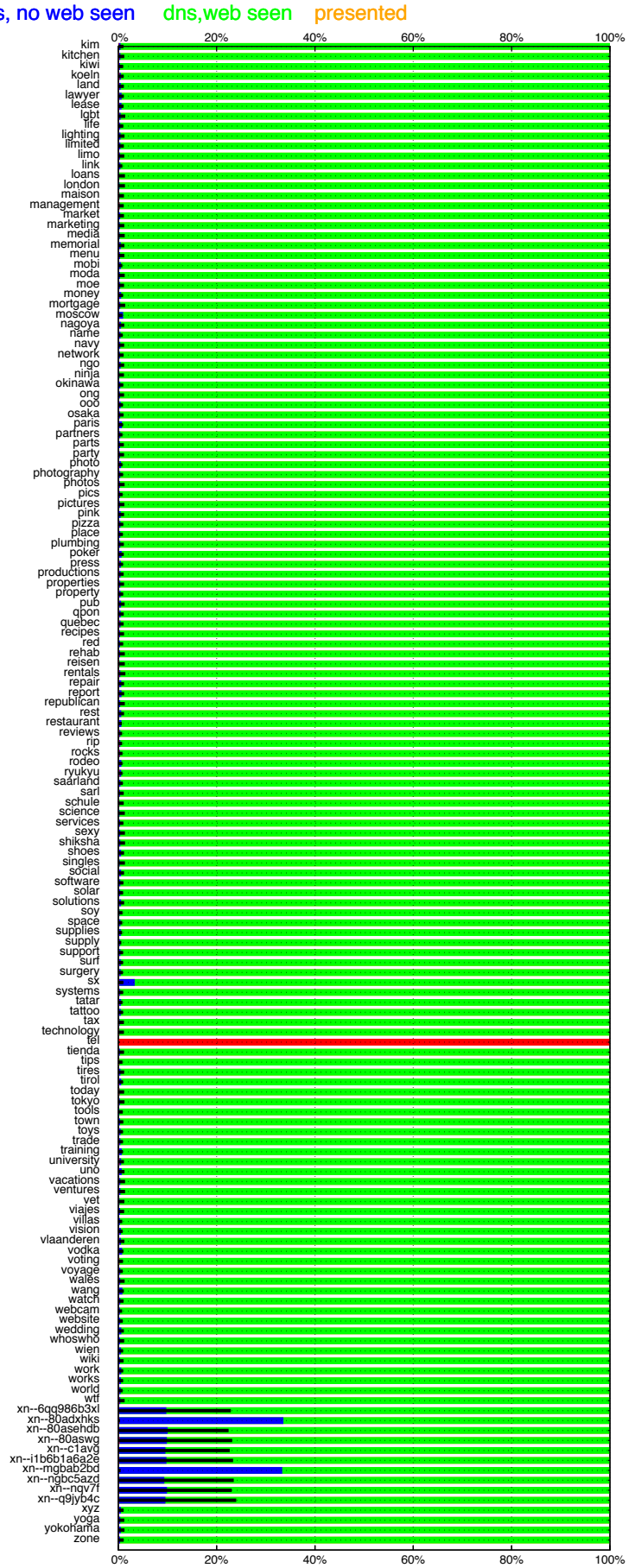
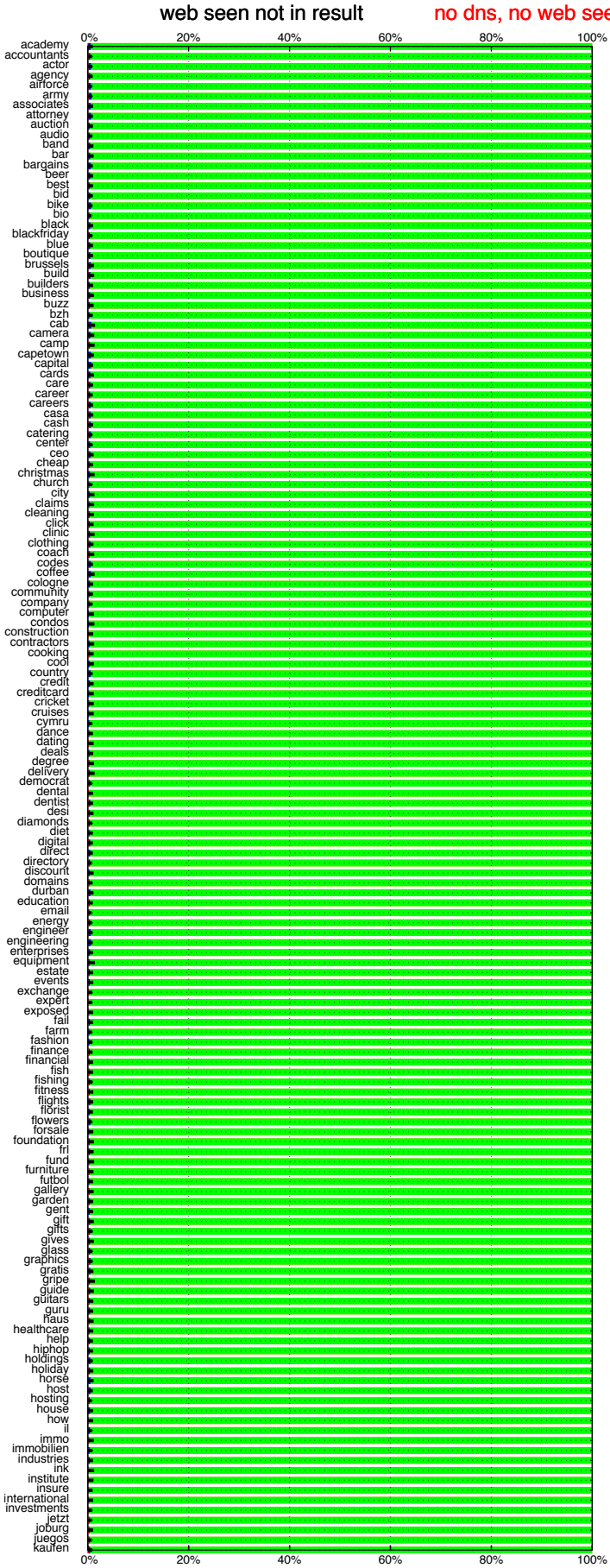
PK - Pakistan - Samplecount: 3932634



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

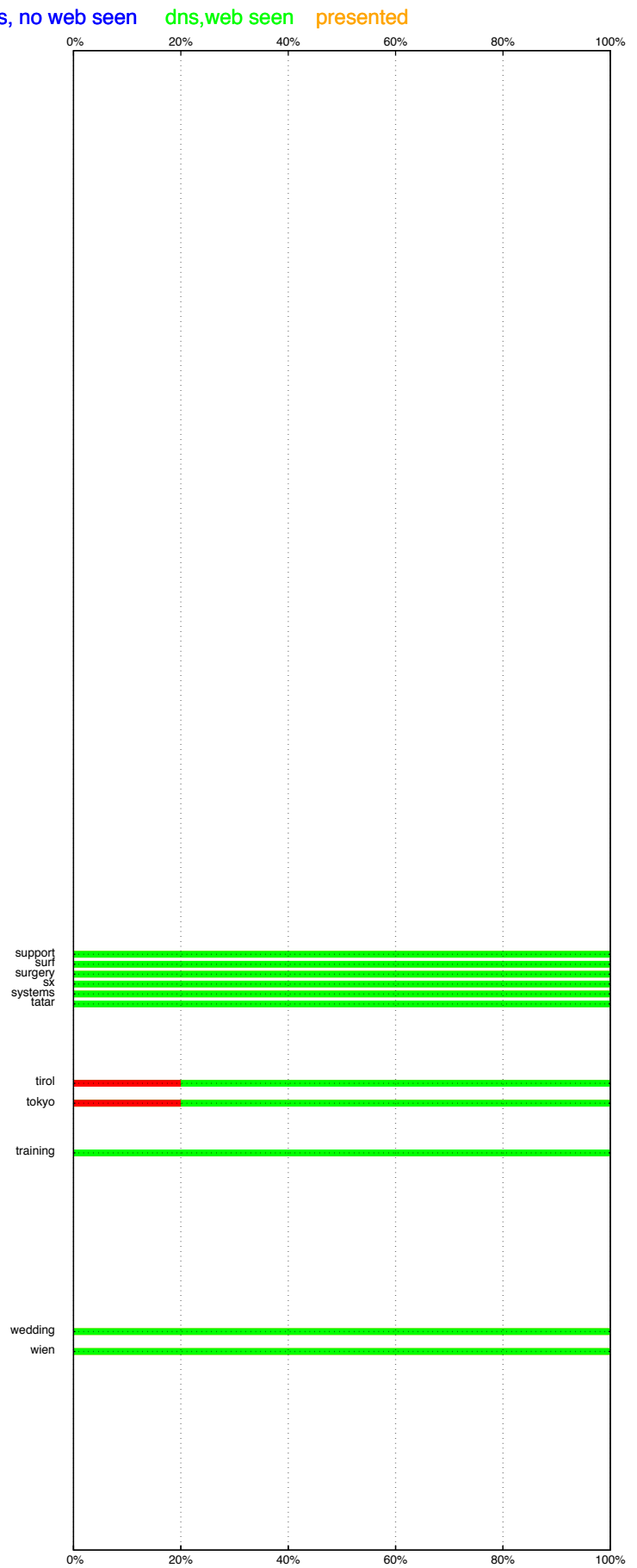
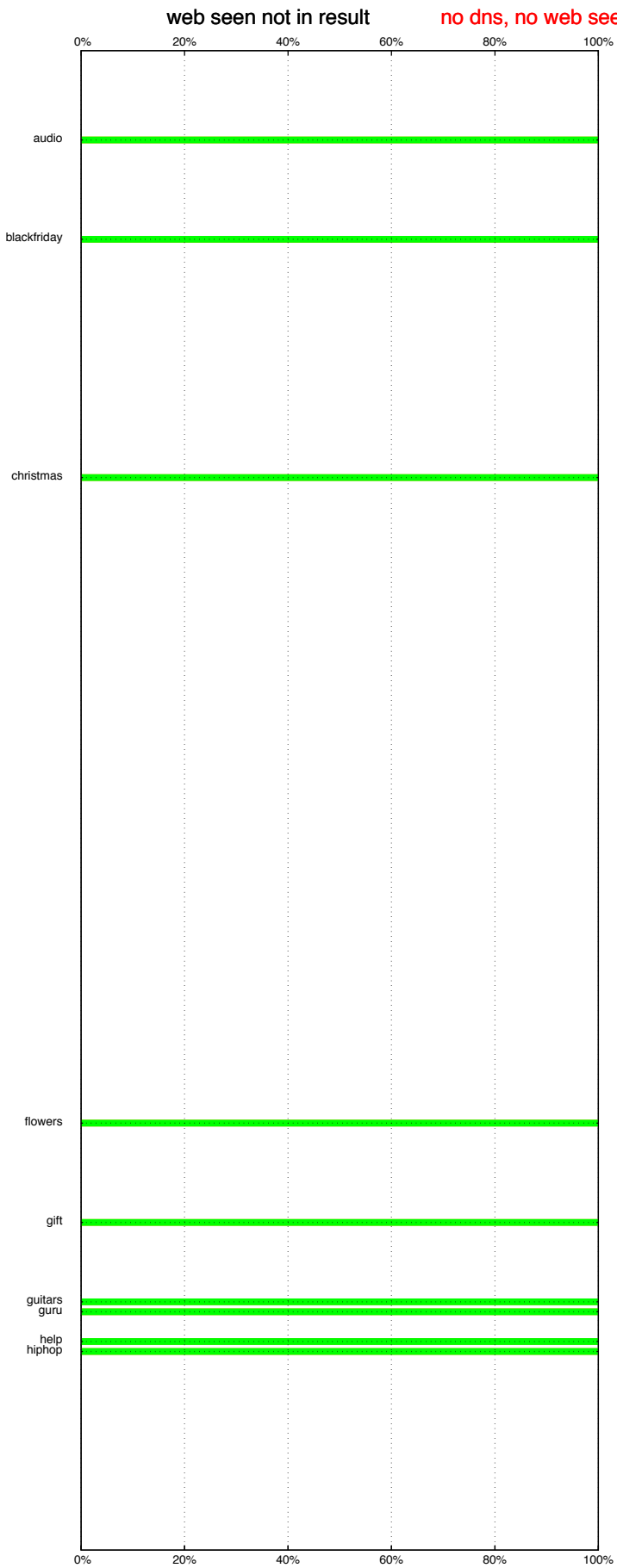
PK - Pakistan - Samplecount: 3932634

PL - Poland - Samplecount: 1184219



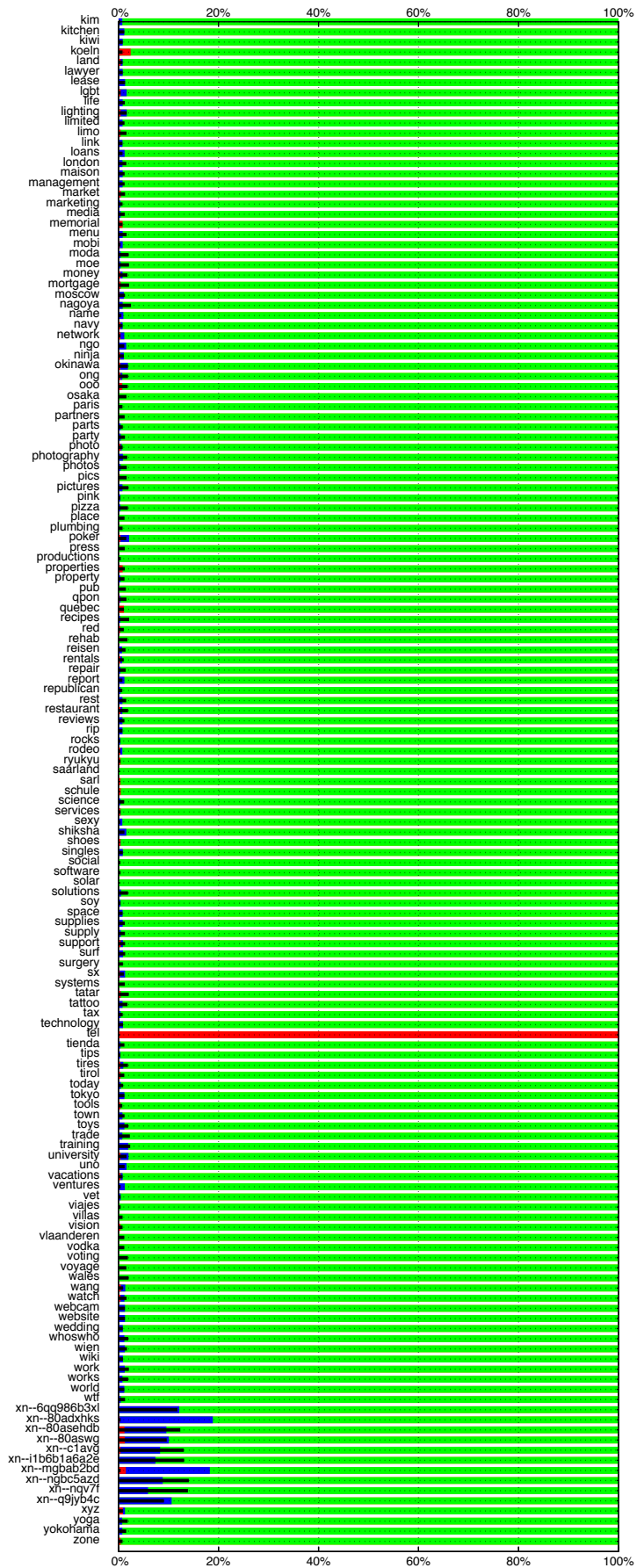
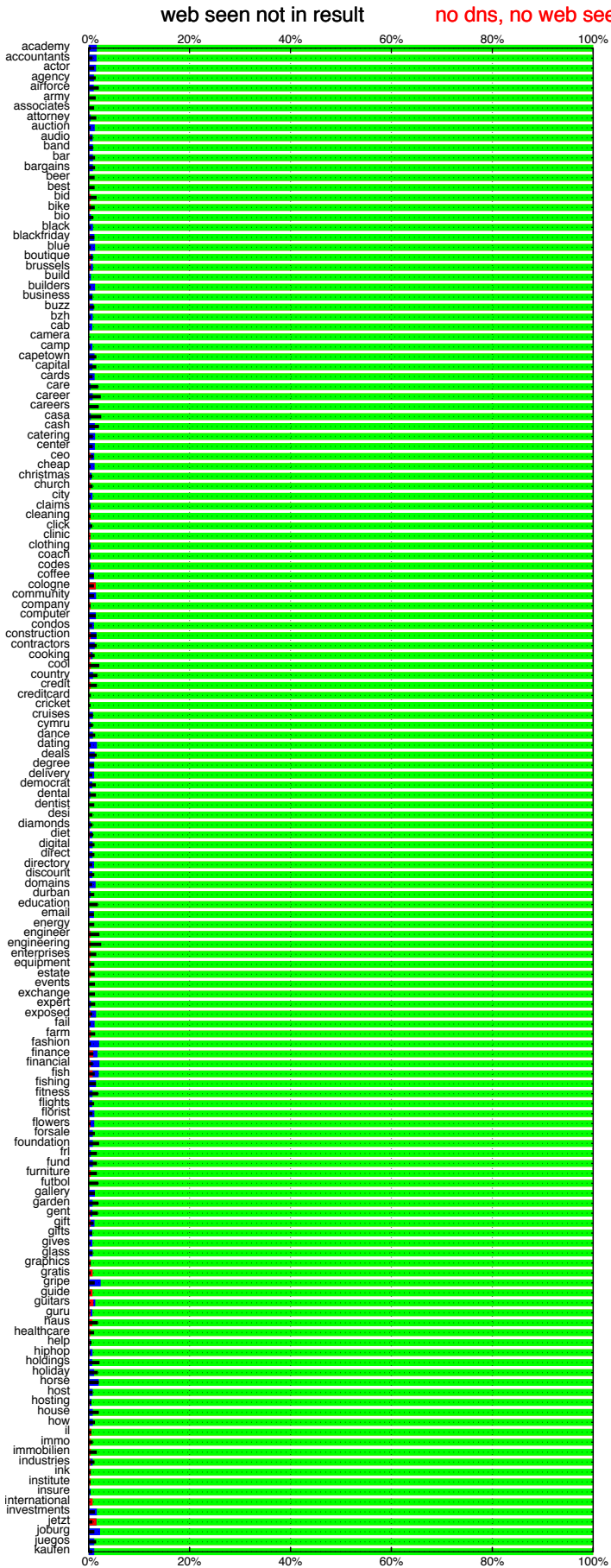
PL - Poland - Samplecount: 1184219

PM - St Pierre nameMiquelon - Samplecount: 653



PM - St Pierre nameMiquelon - Samplecount: 653

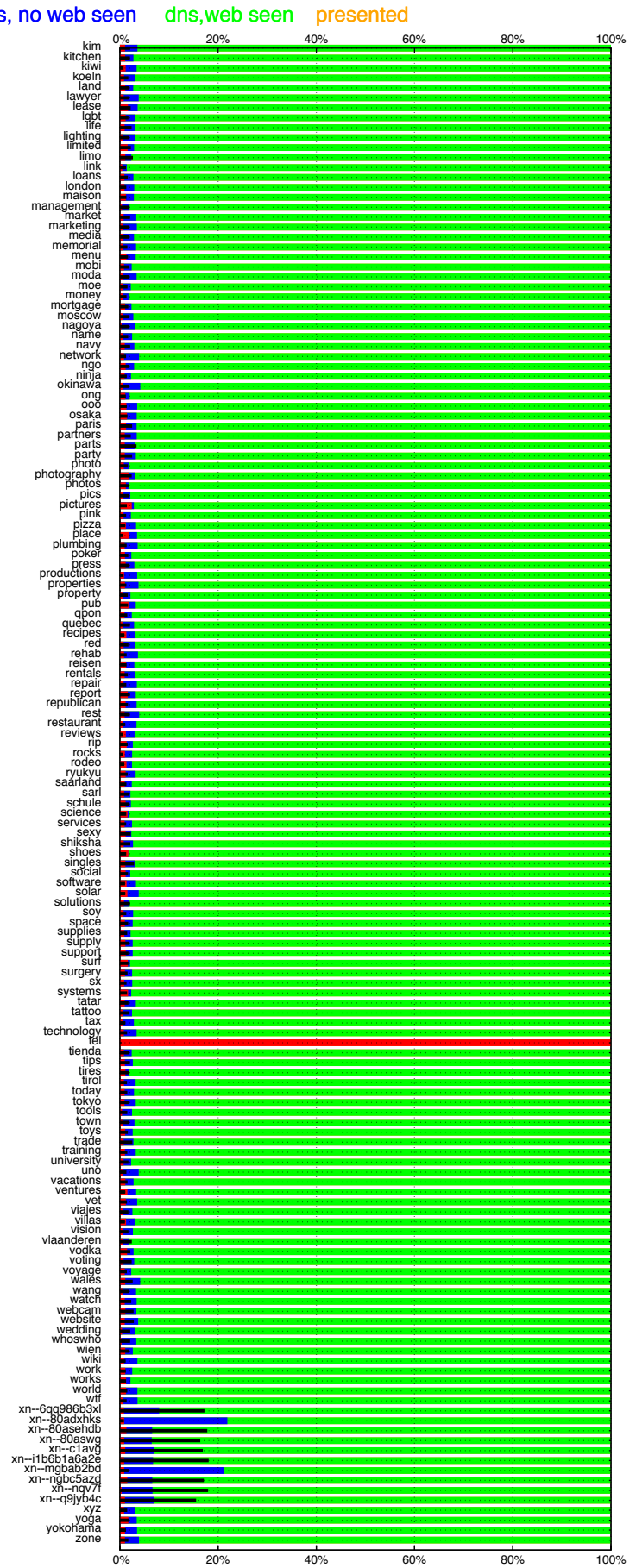
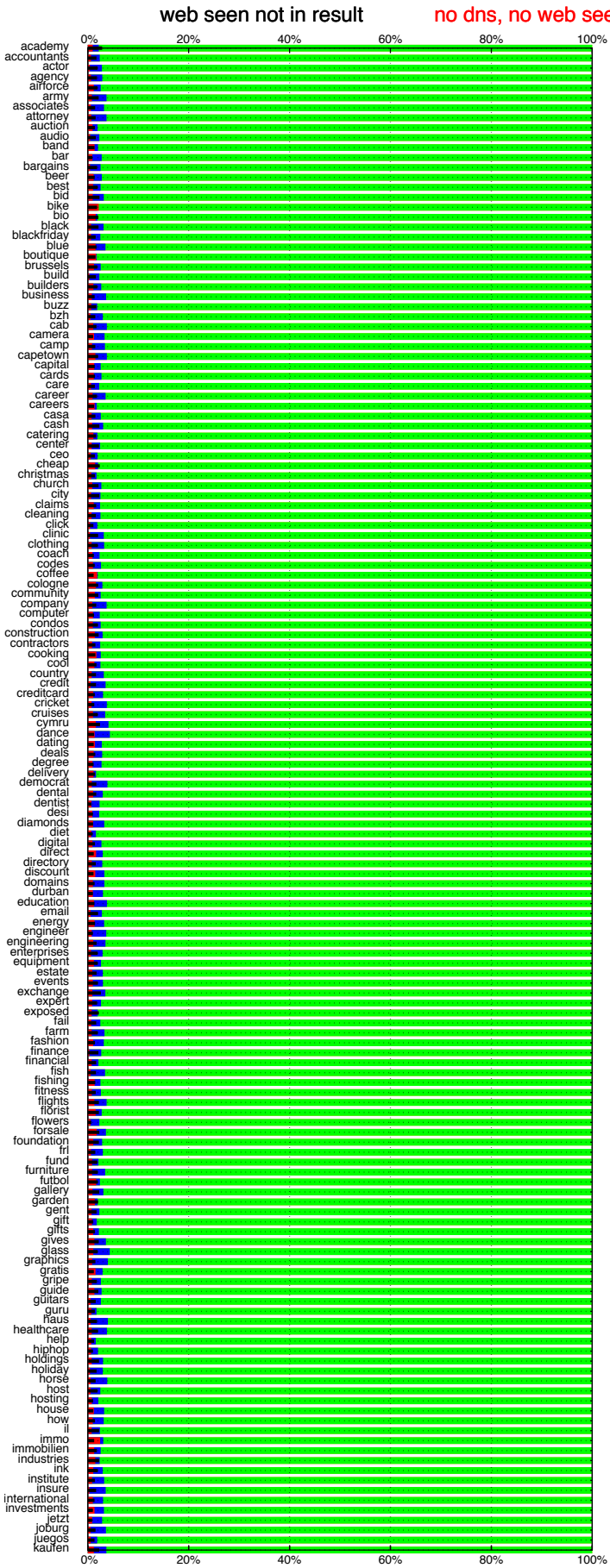
PR - Puerto Rico - Samplecount: 85415



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

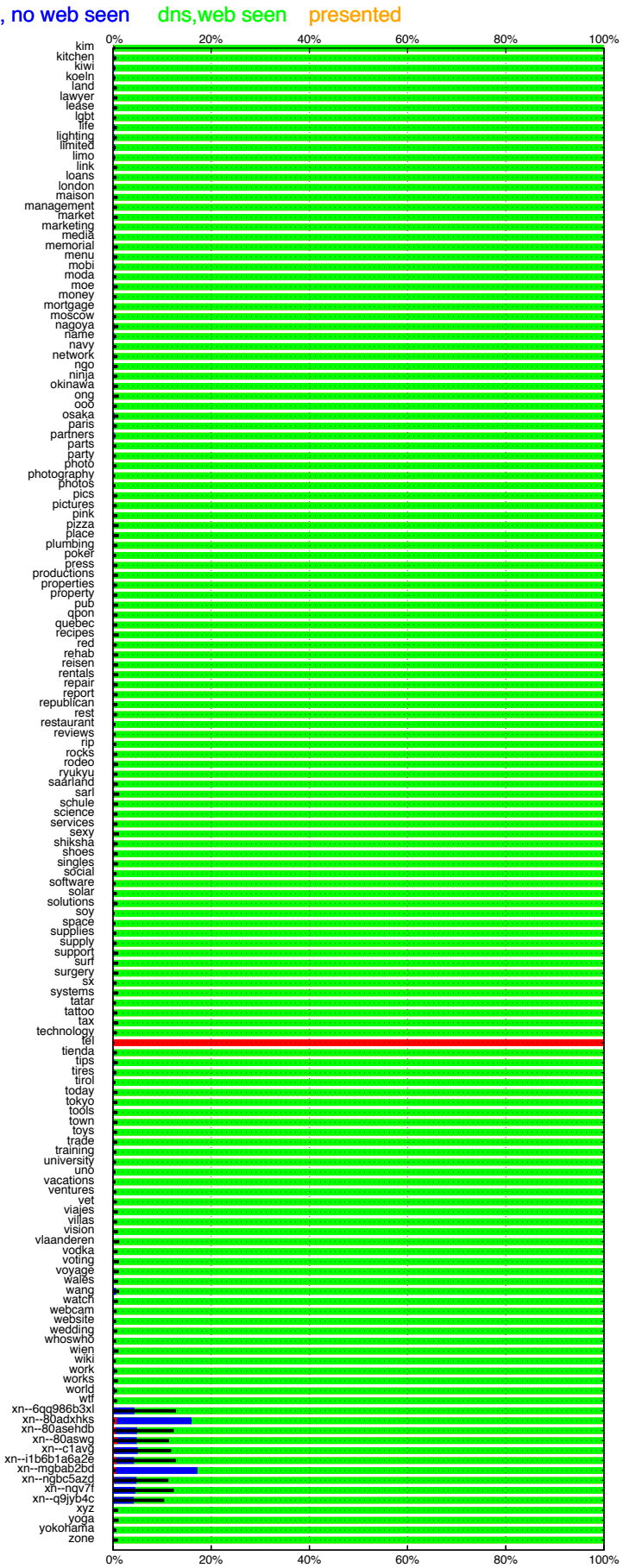
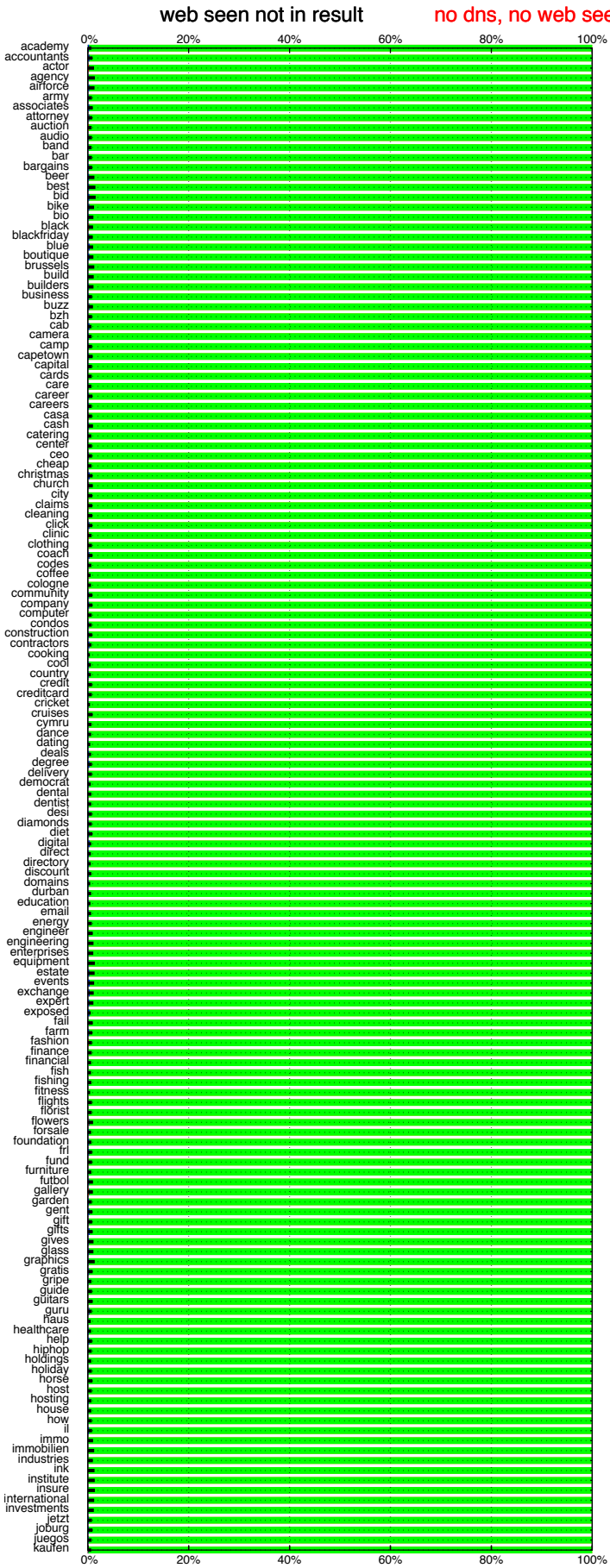
PR - Puerto Rico - Samplecount: 85415

PS - Palestine - Samplecount: 305448



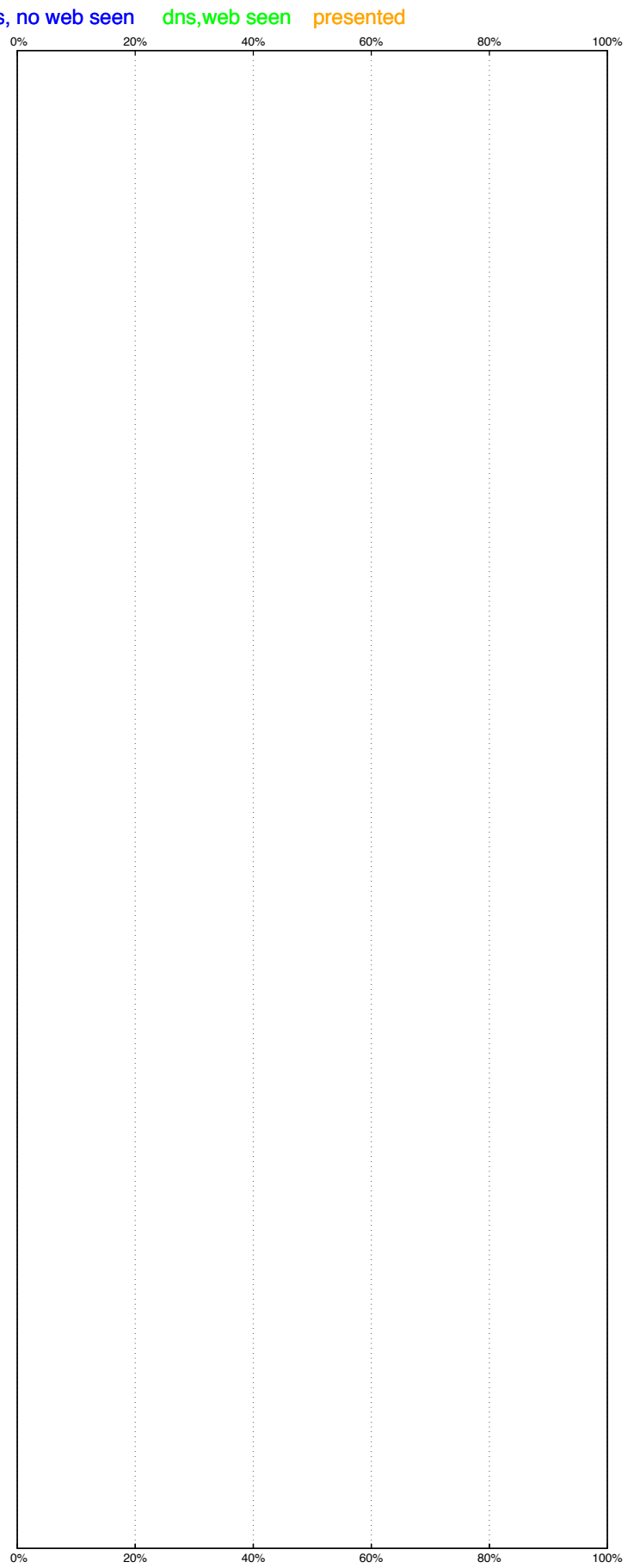
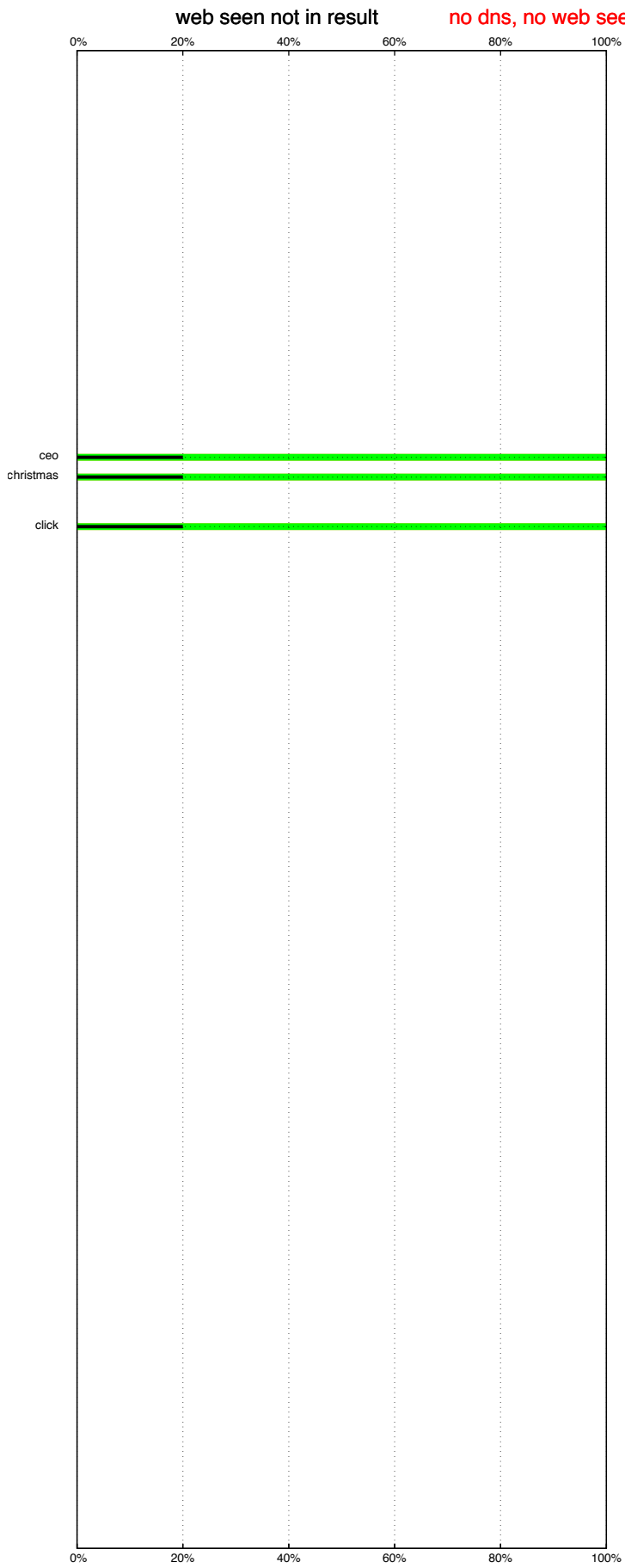
PS - Palestine - Samplecount: 305448

PT - Portugal - Samplecount: 563114



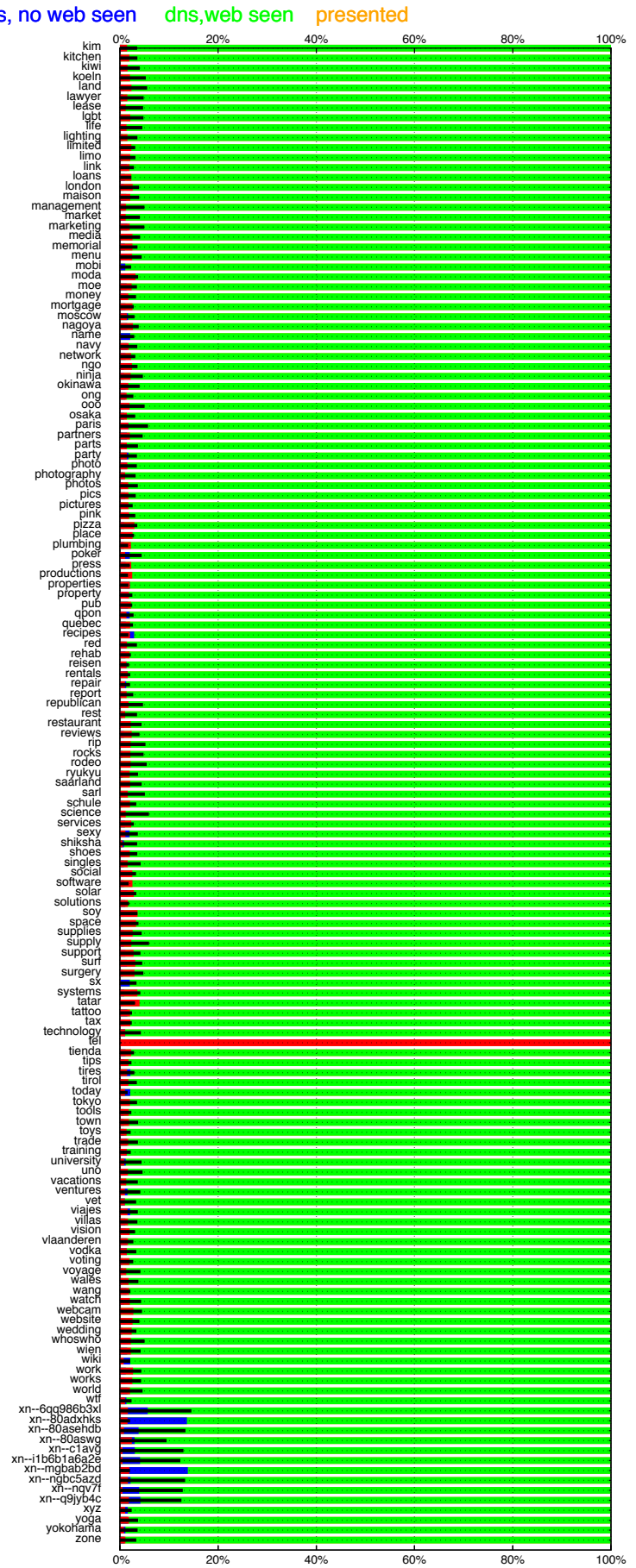
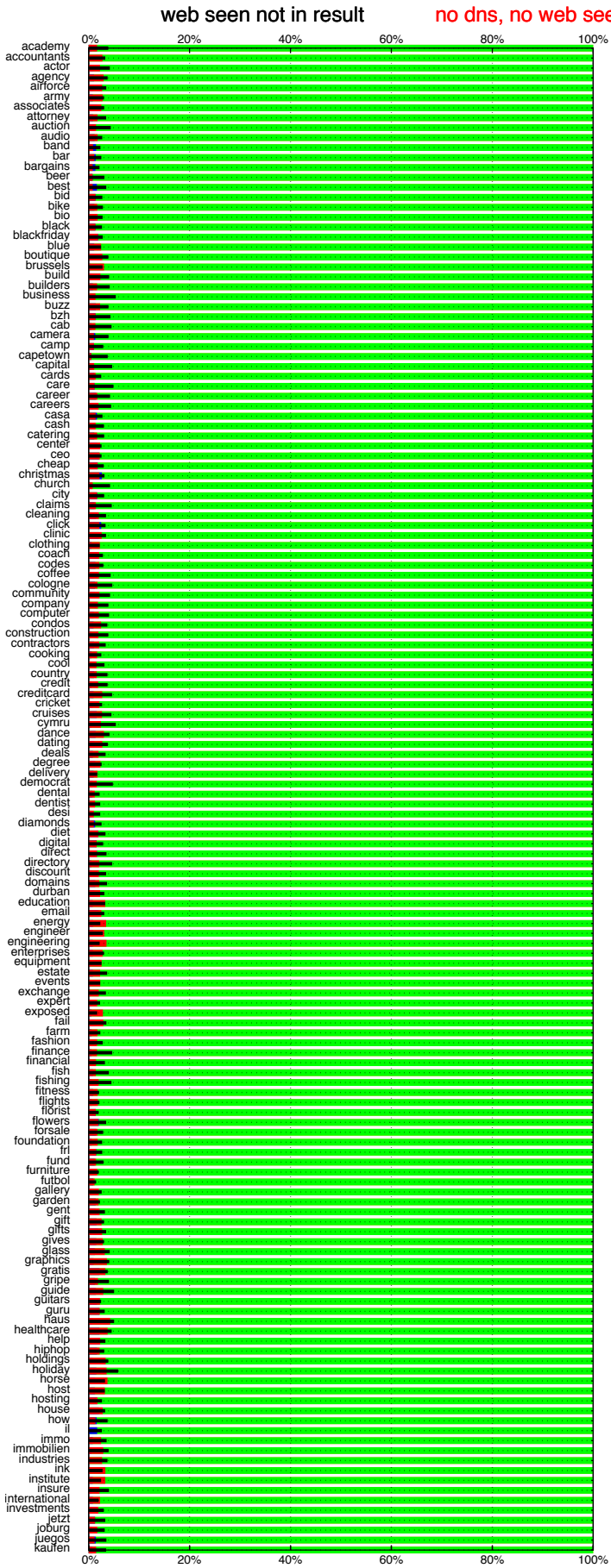
PT - Portugal - Samplecount: 563114

PW - Palau - Samplecount: 235



PW - Palau - Samplecount: 235

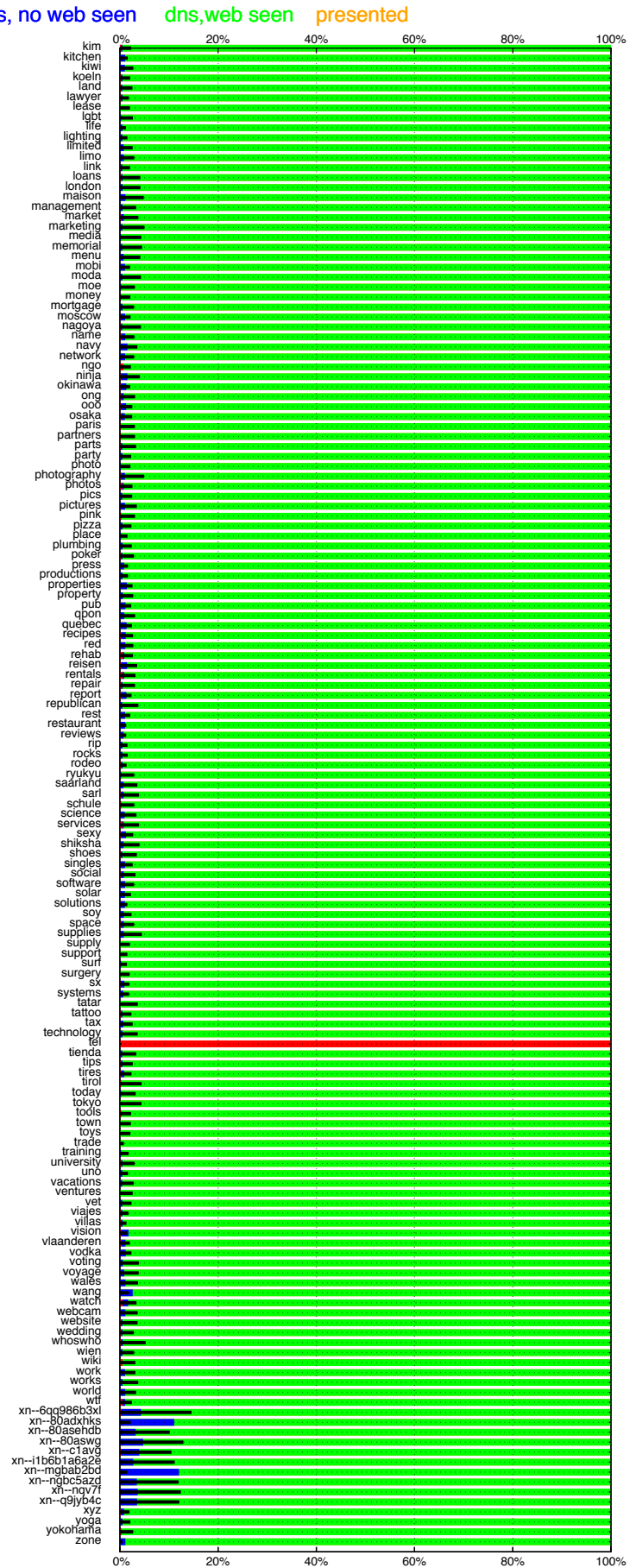
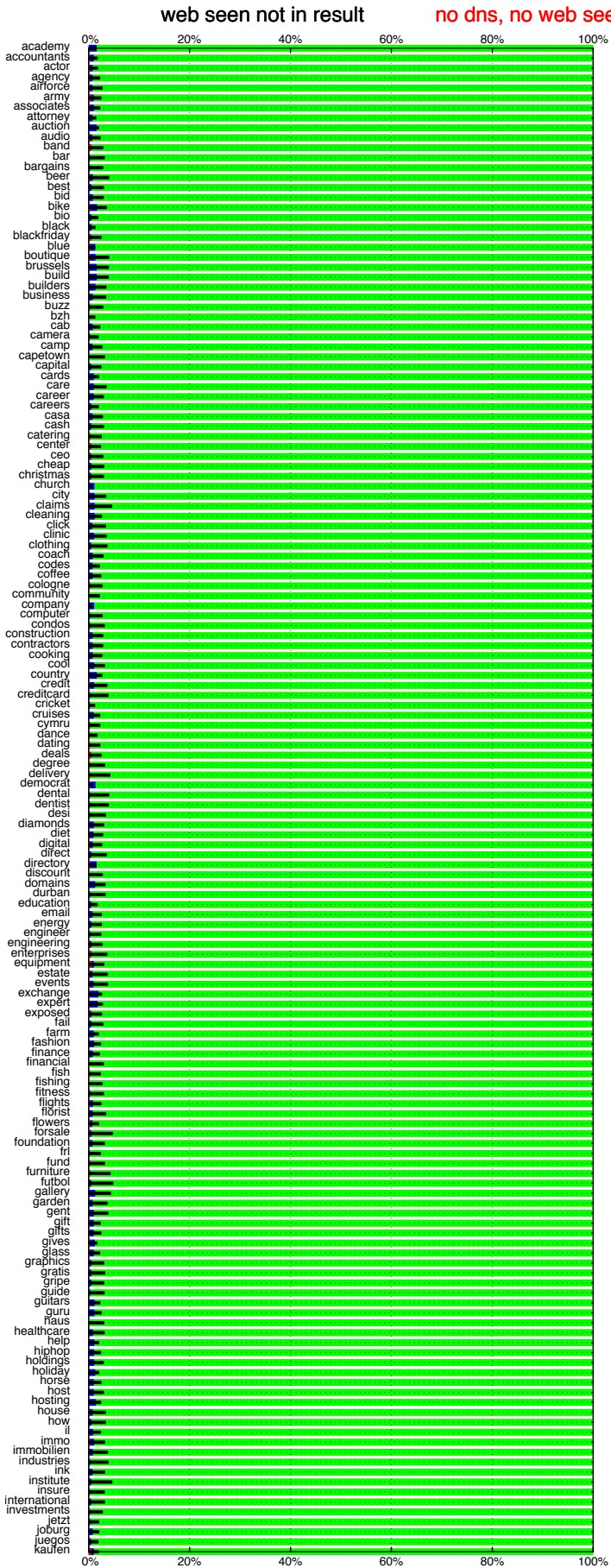
PY - Paraguay - Samplecount: 121859



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

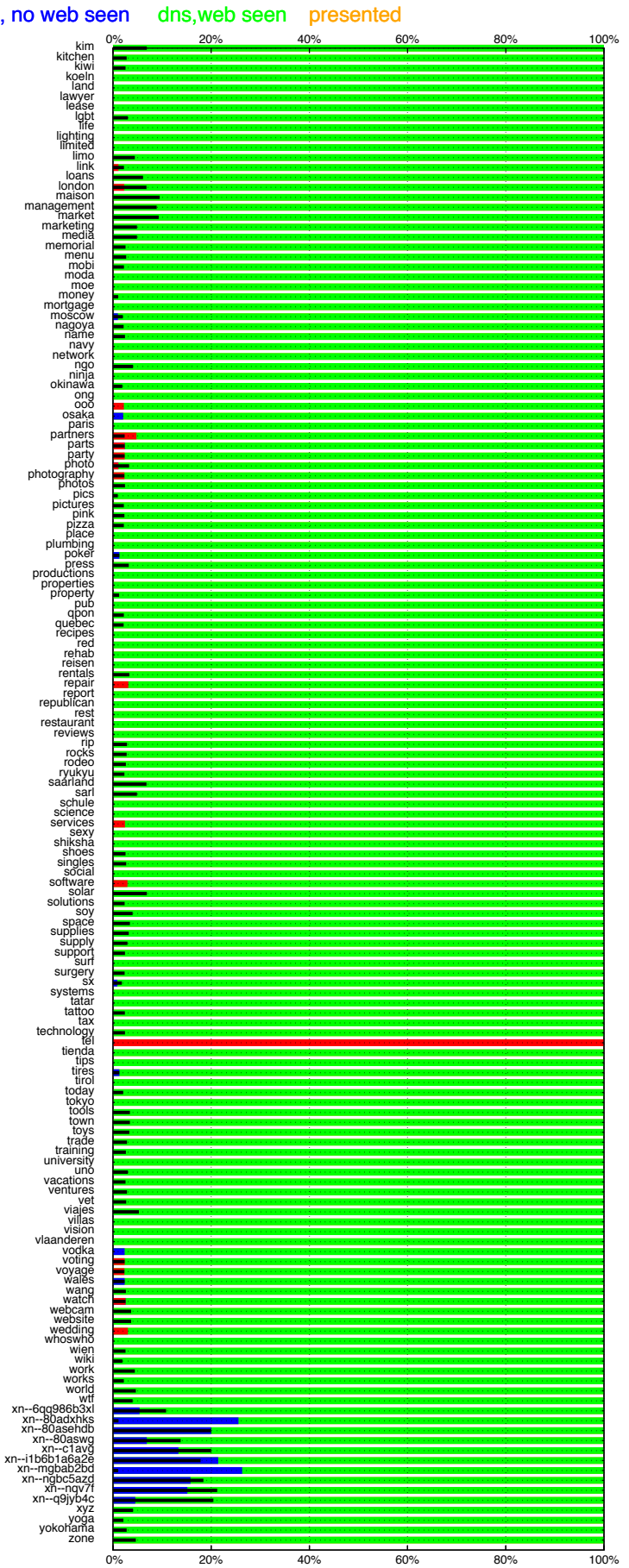
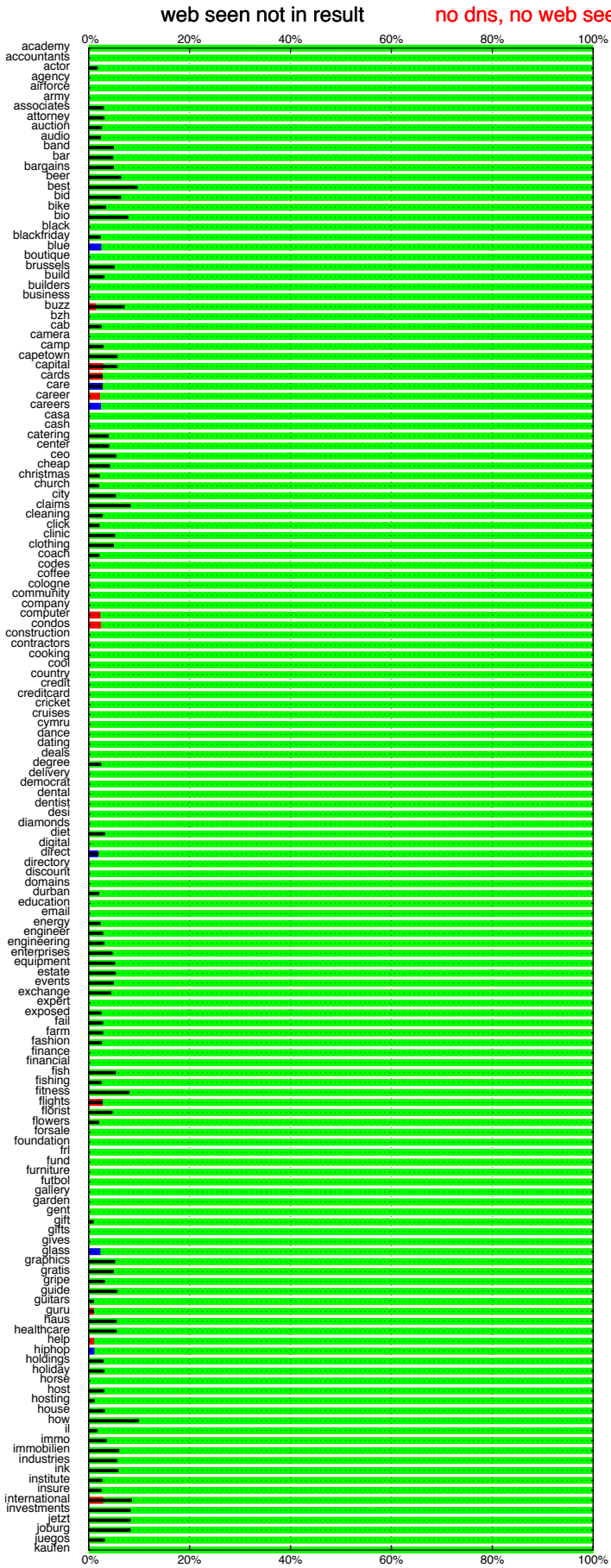
PY - Paraguay - Samplecount: 121859

QA - Qatar - Samplecount: 126939



QA - Qatar - Samplecount: 126939

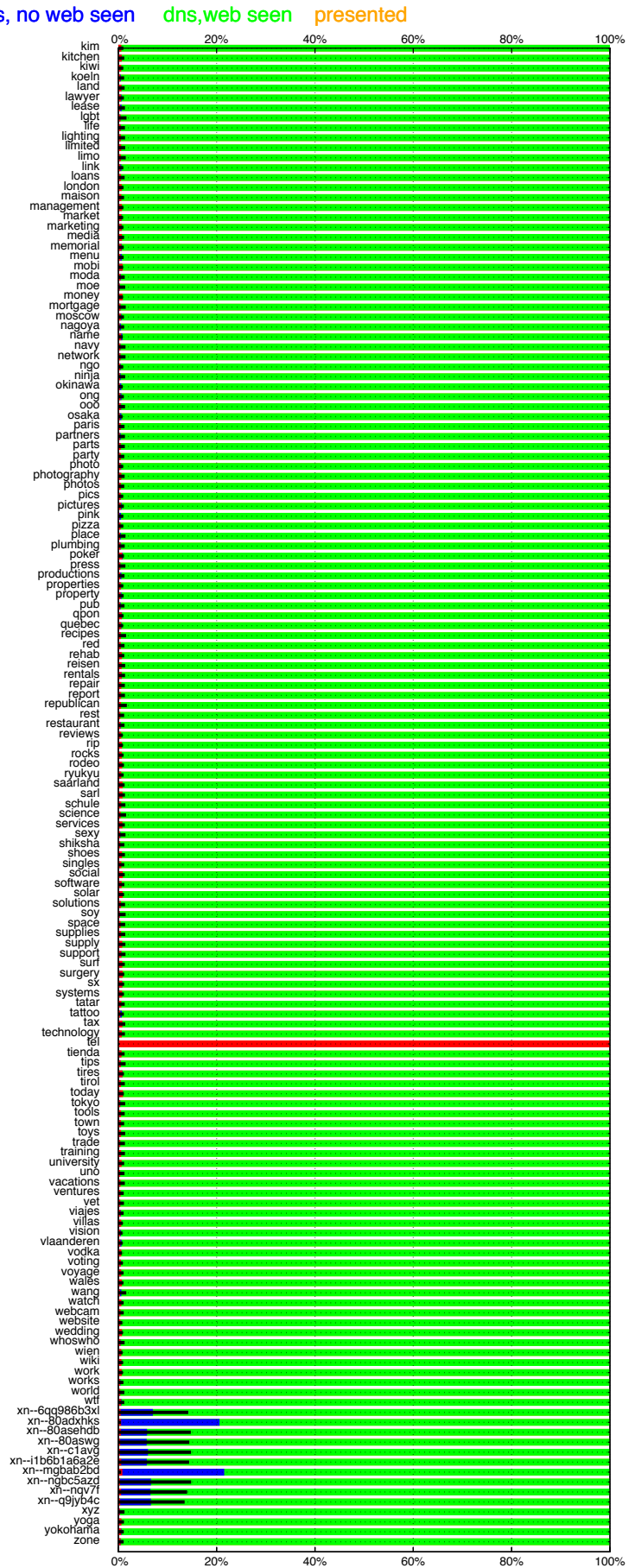
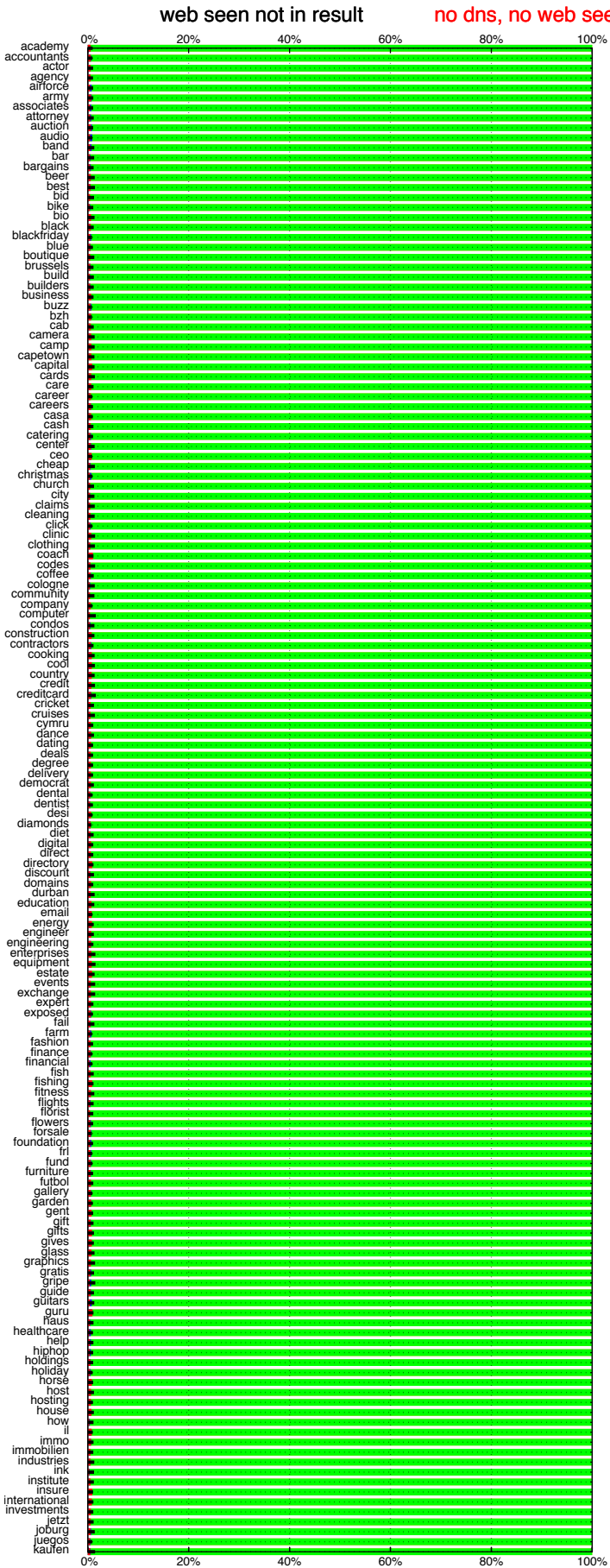
RE - Reunion - Samplecount: 13072



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

RE - Reunion - Samplecount: 13072

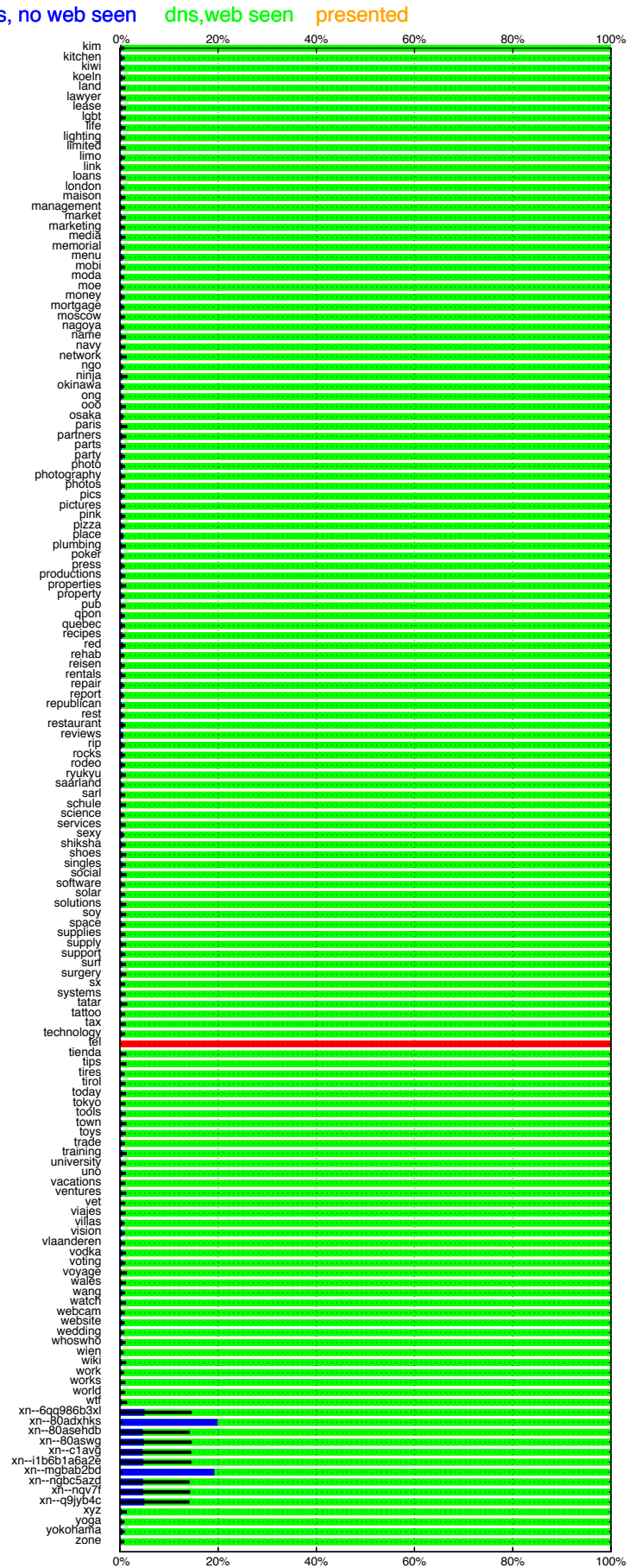
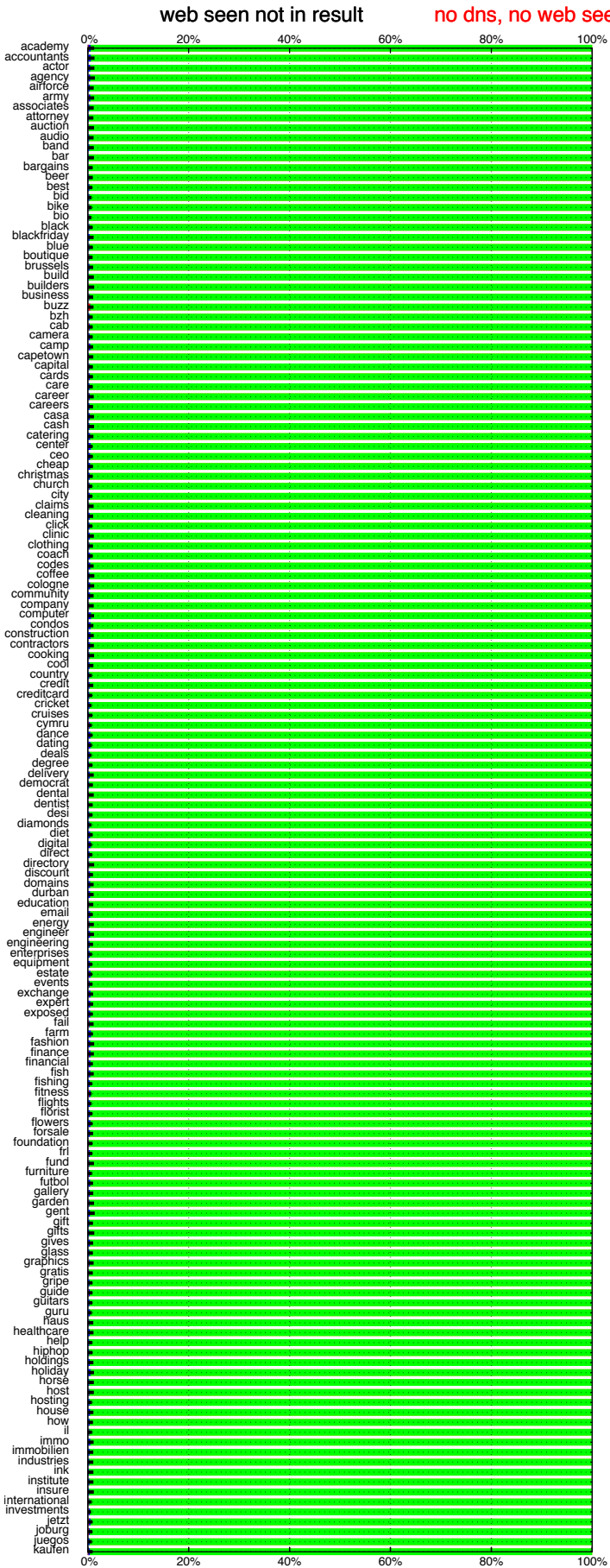
RO - Romania - Samplecount: 1563300



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

RO - Romania - Samplecount: 1563300

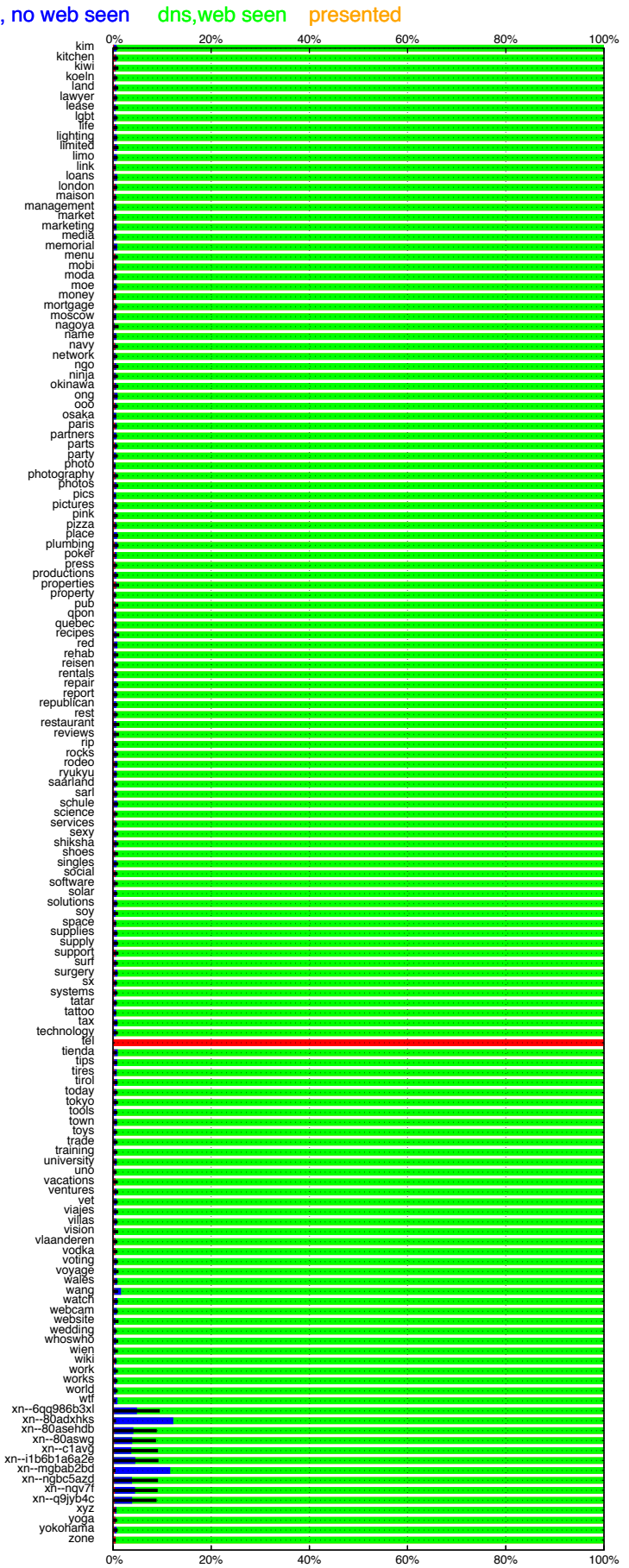
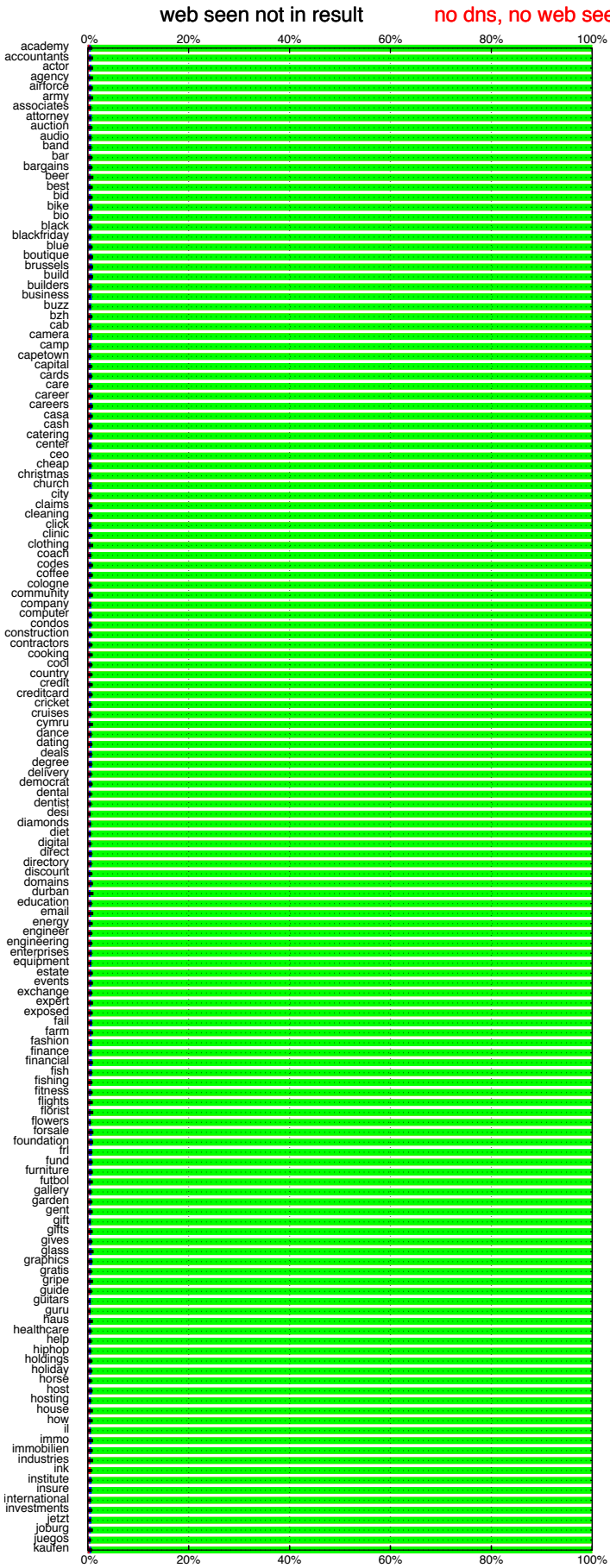
RS - Serbia - Samplecount: 1315538



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

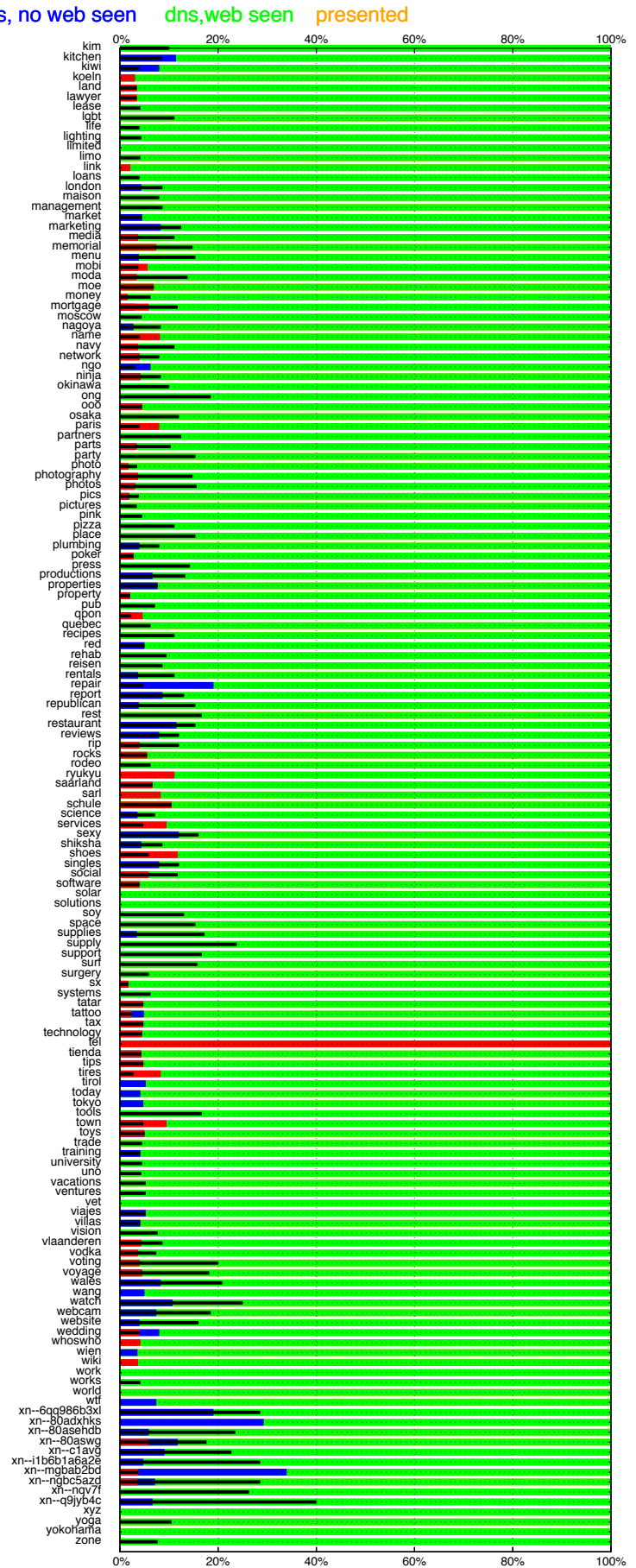
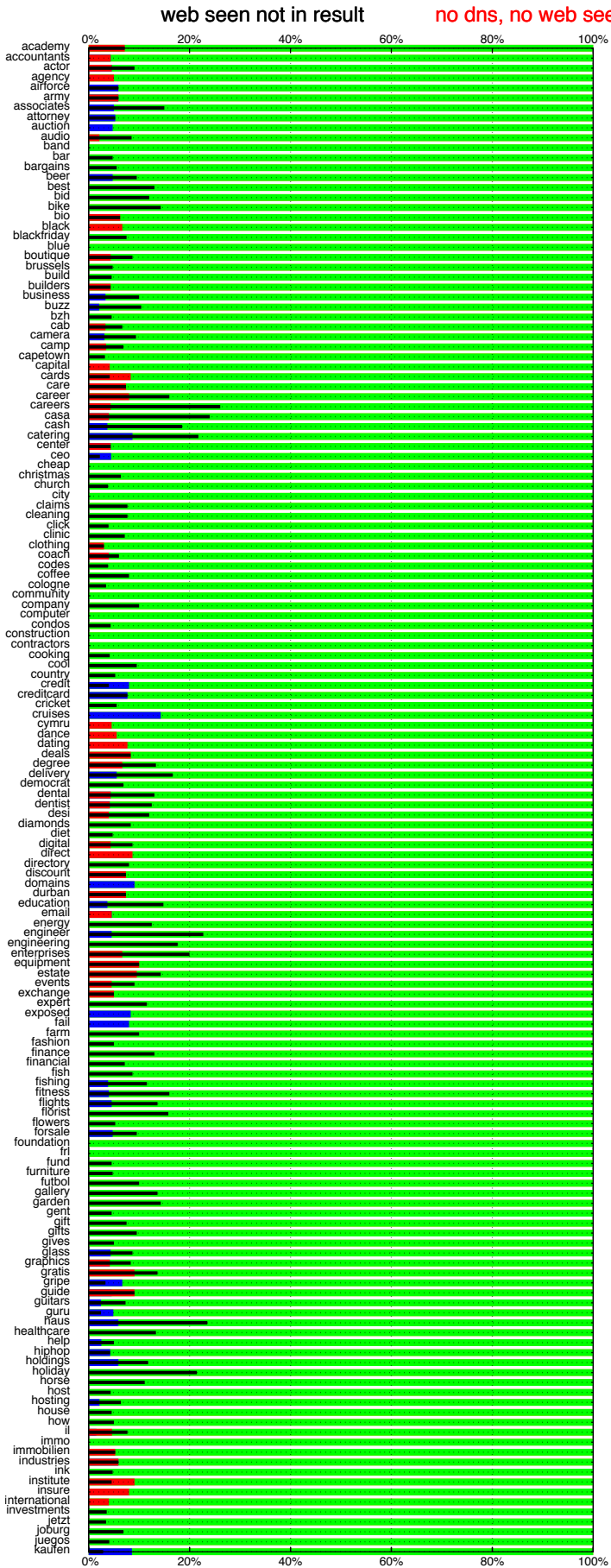
RS - Serbia - Samplecount: 1315538

RU - Russia - Samplecount: 2315447



RU - Russia - Samplecount: 2315447

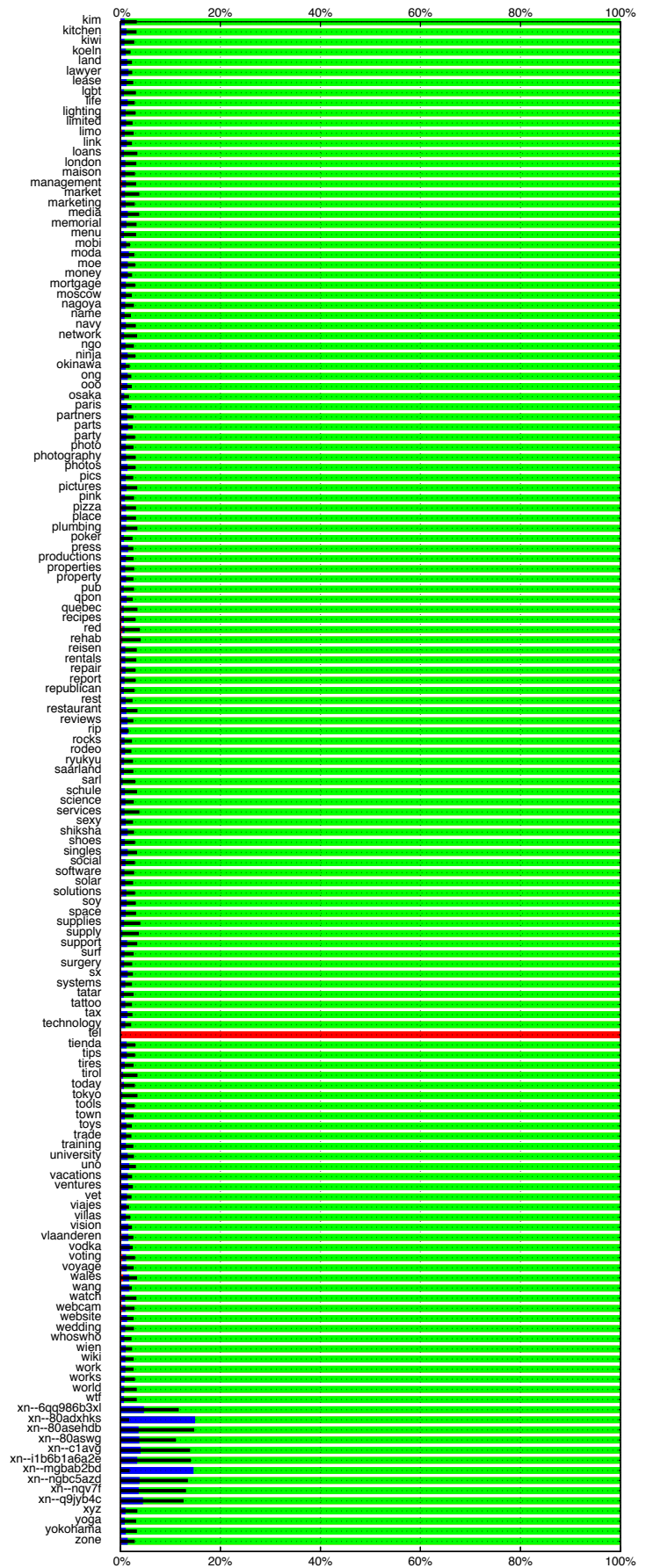
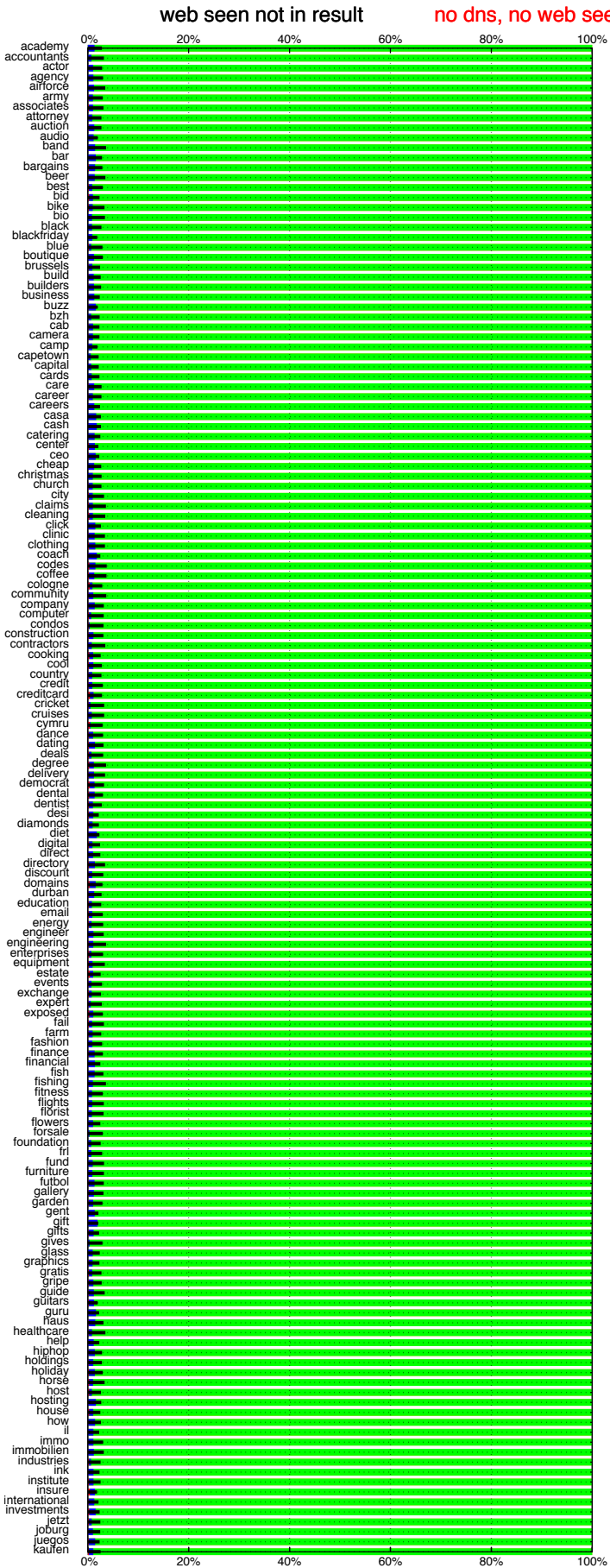
RW - Rwanda - Samplecount: 7156



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

RW - Rwanda - Samplecount: 7156

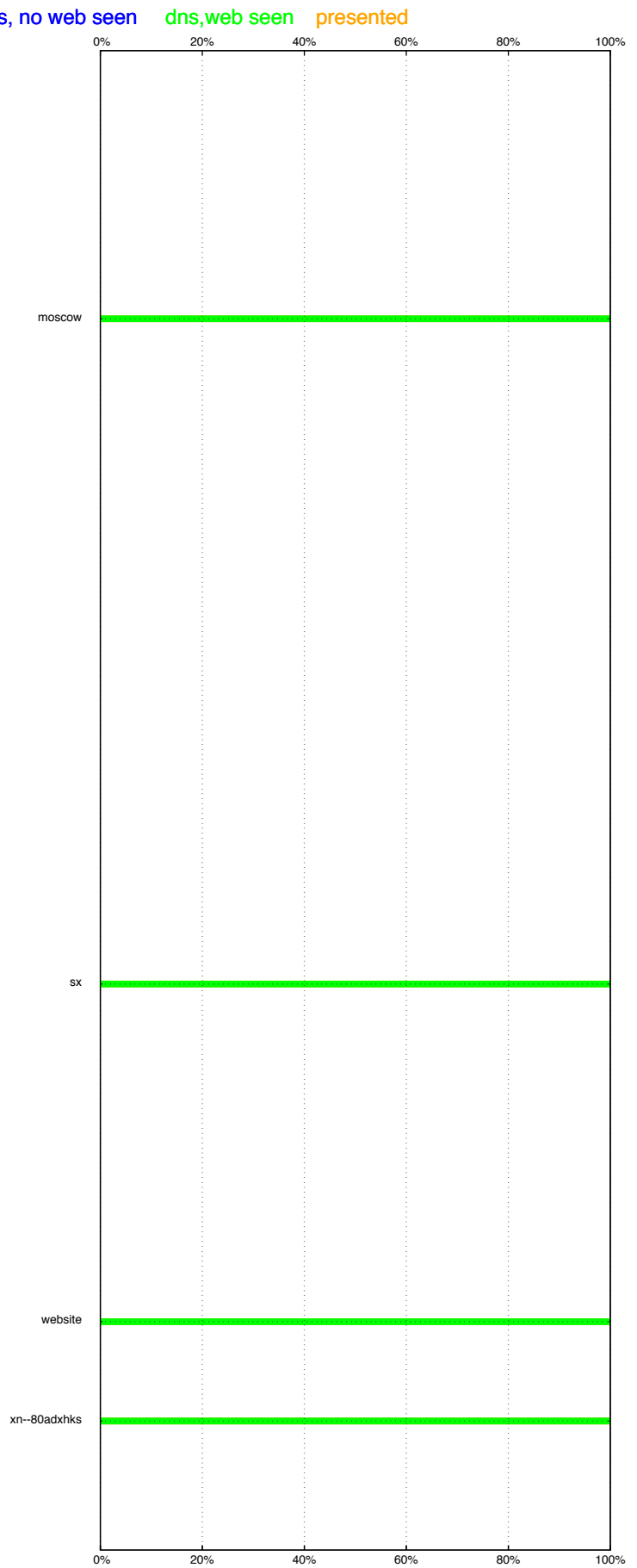
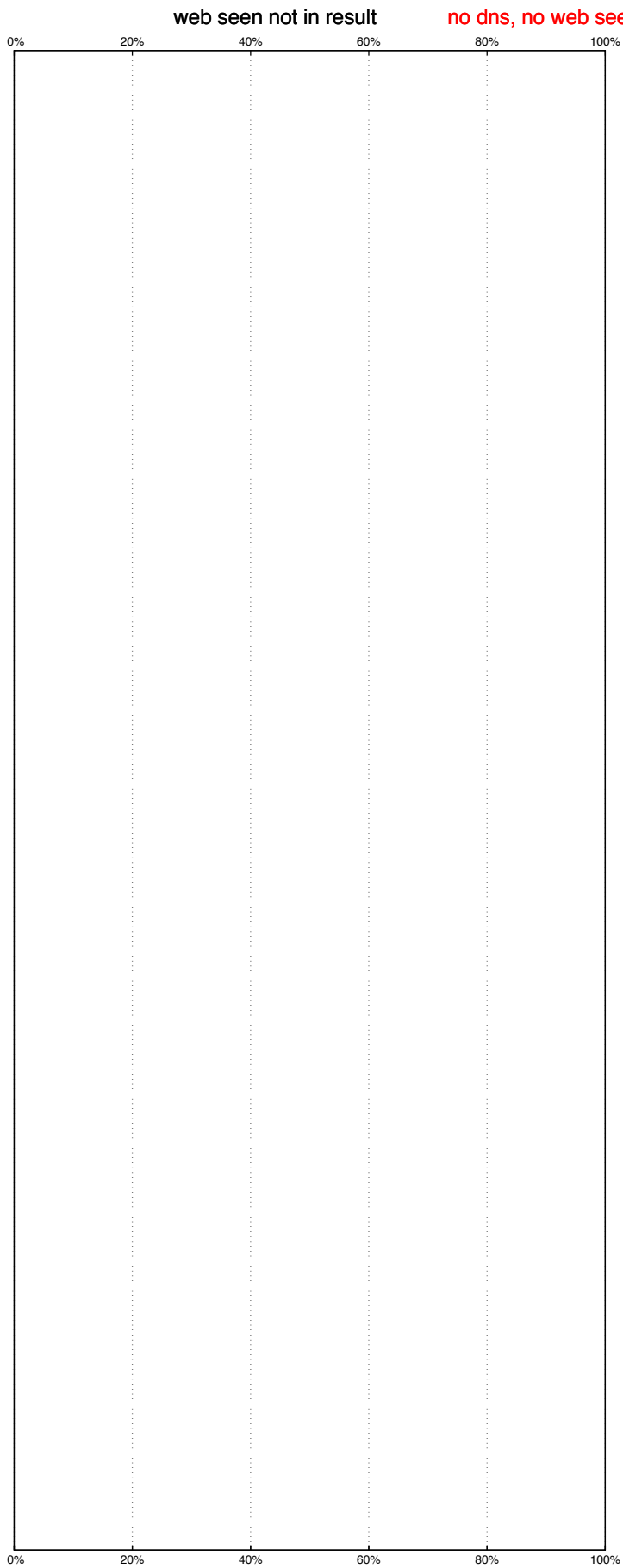
SA - Saudi Arabia - Samplecount: 465255



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

SA - Saudi Arabia - Samplecount: 465255

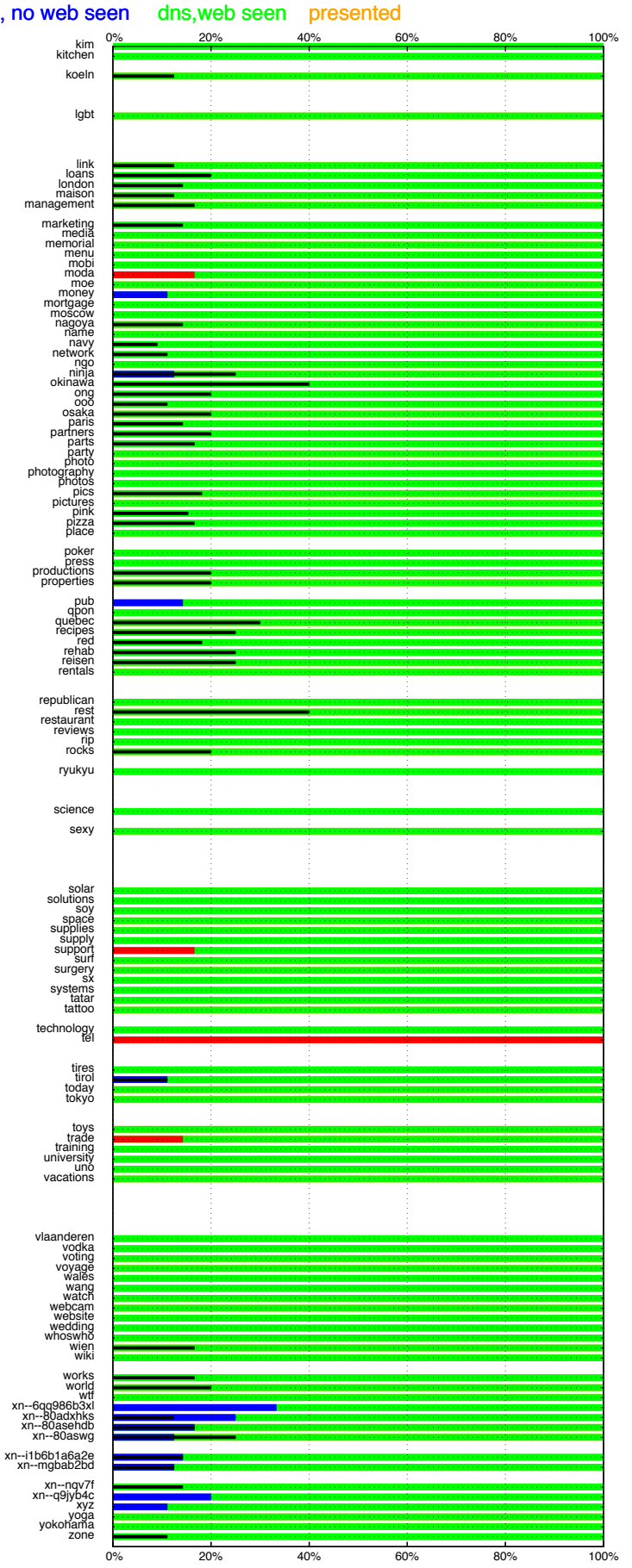
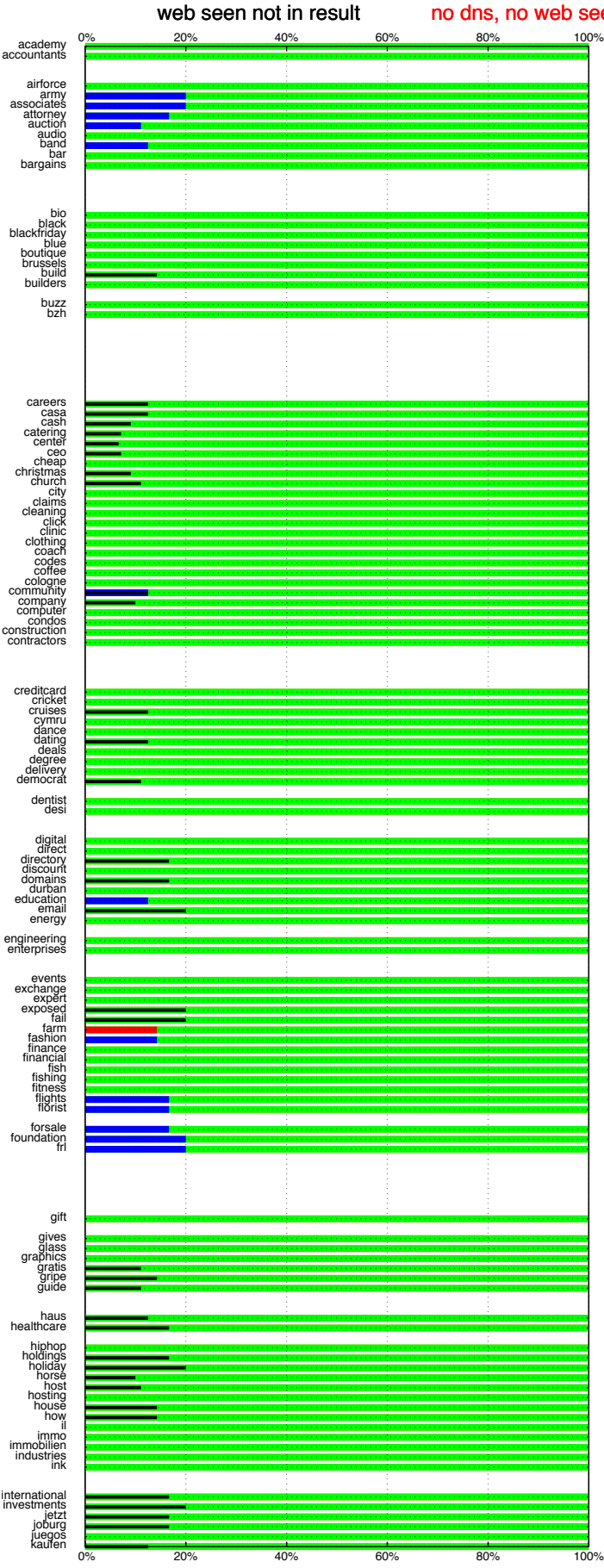
SB - Solomon Islands - Samplecount: 312



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

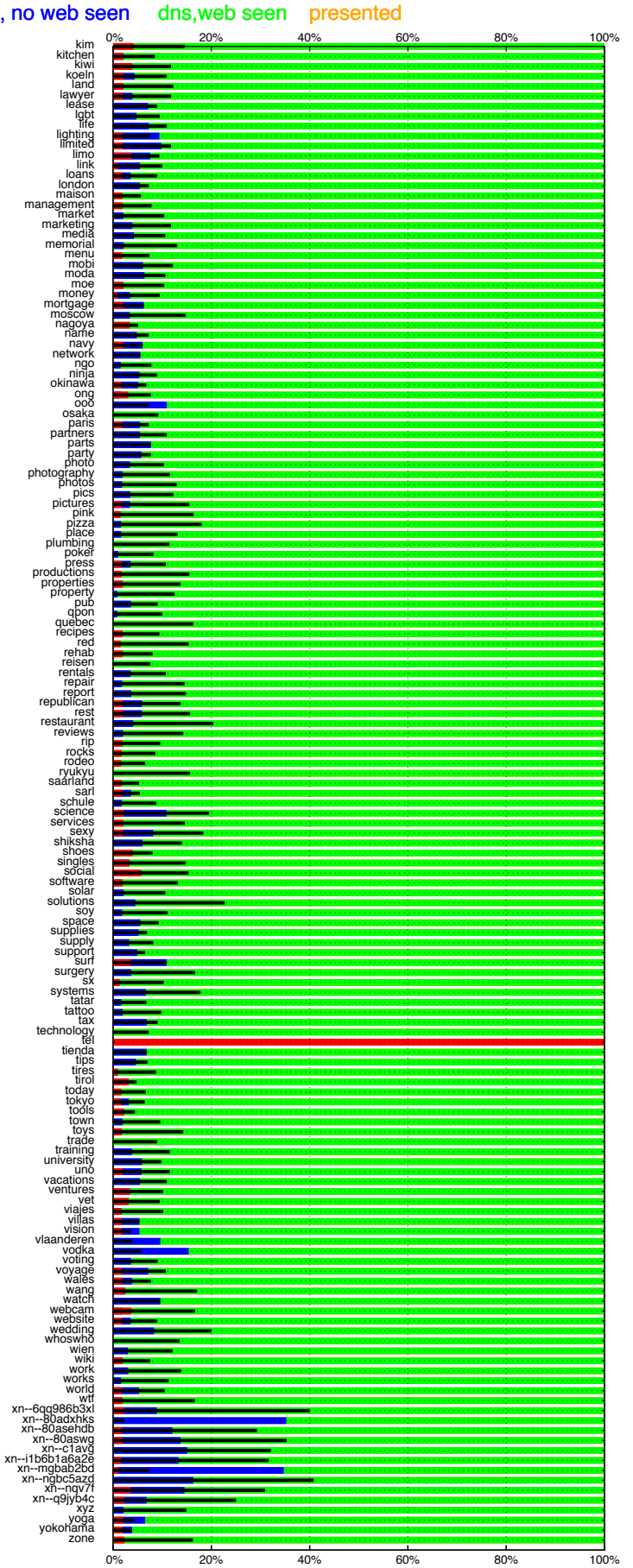
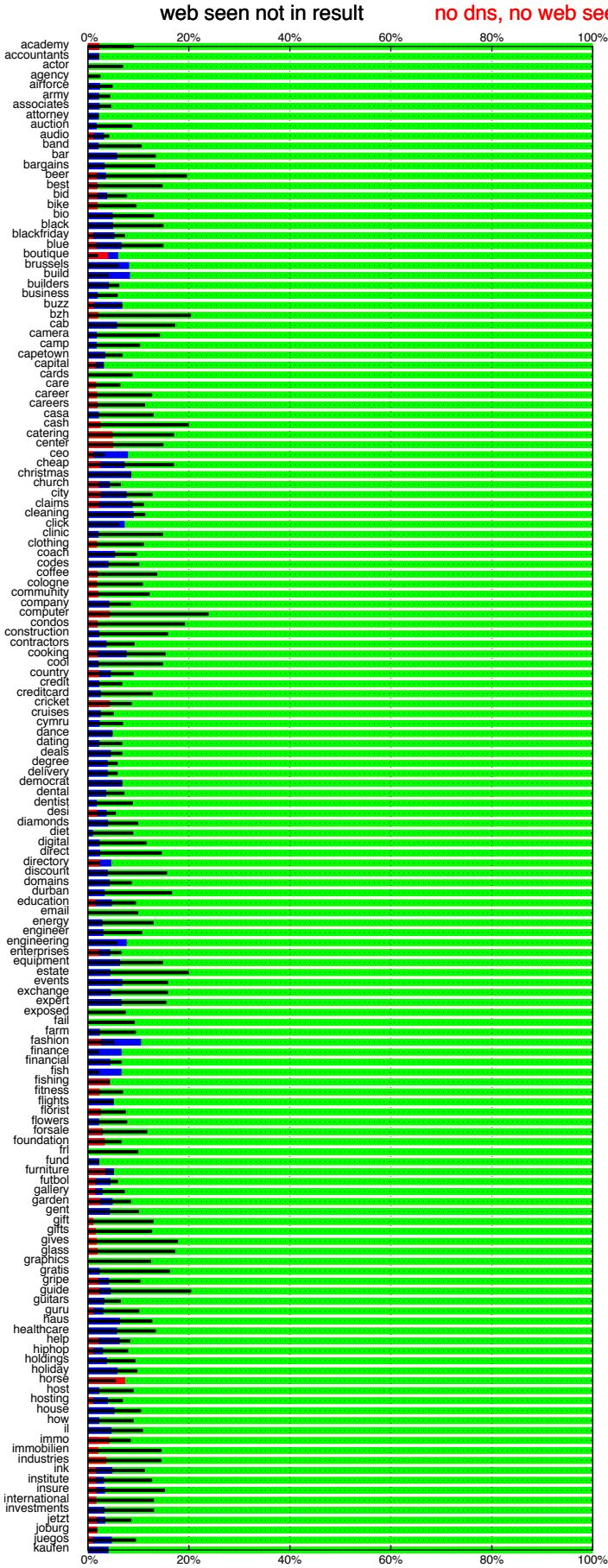
SB - Solomon Islands - Samplecount: 312

SC - Seychelles - Samplecount: 1793



SC - Seychelles - Samplecount: 1793

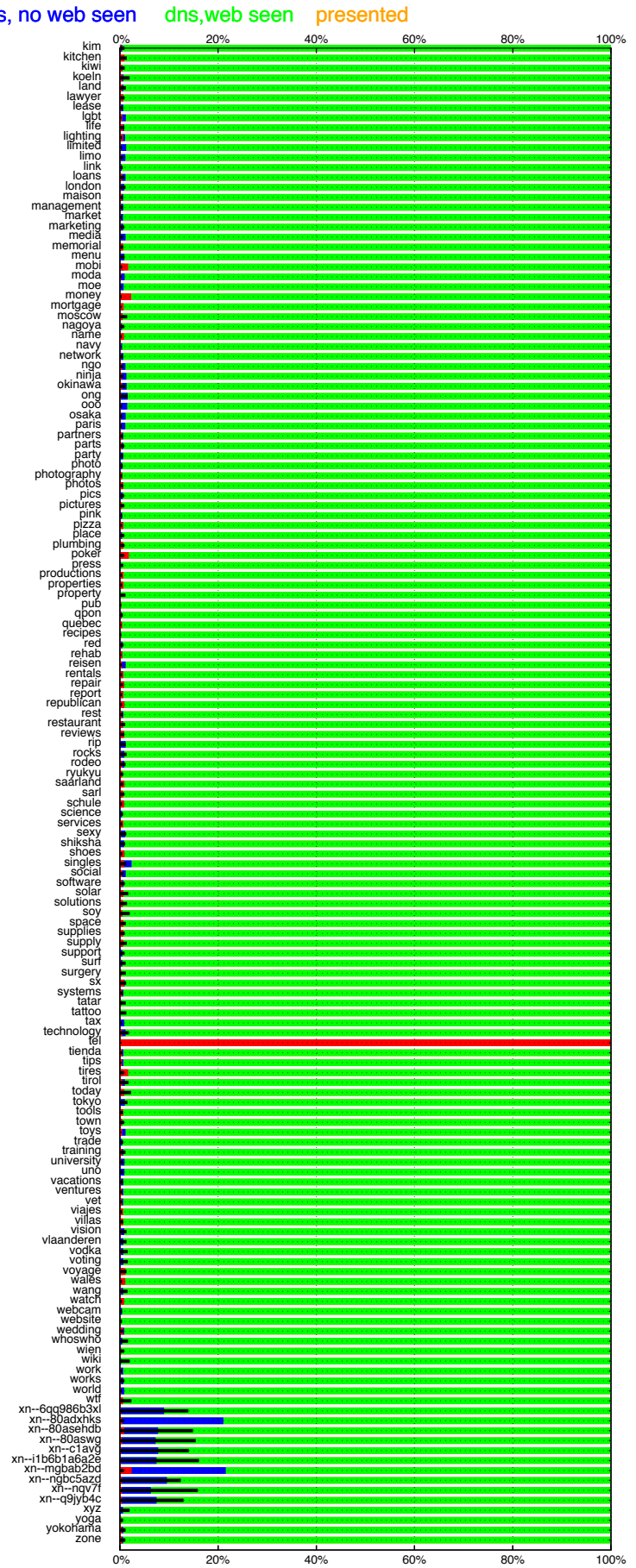
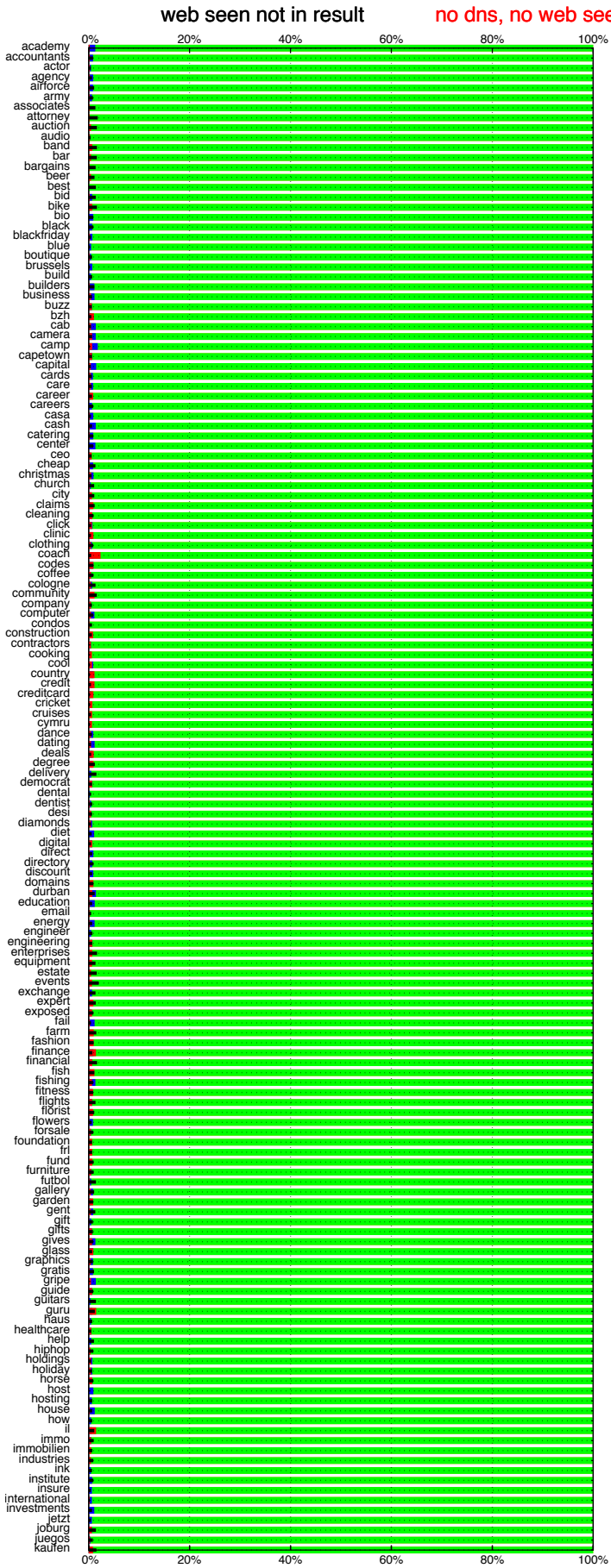
SD - Sudan - Samplecount: 15445



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

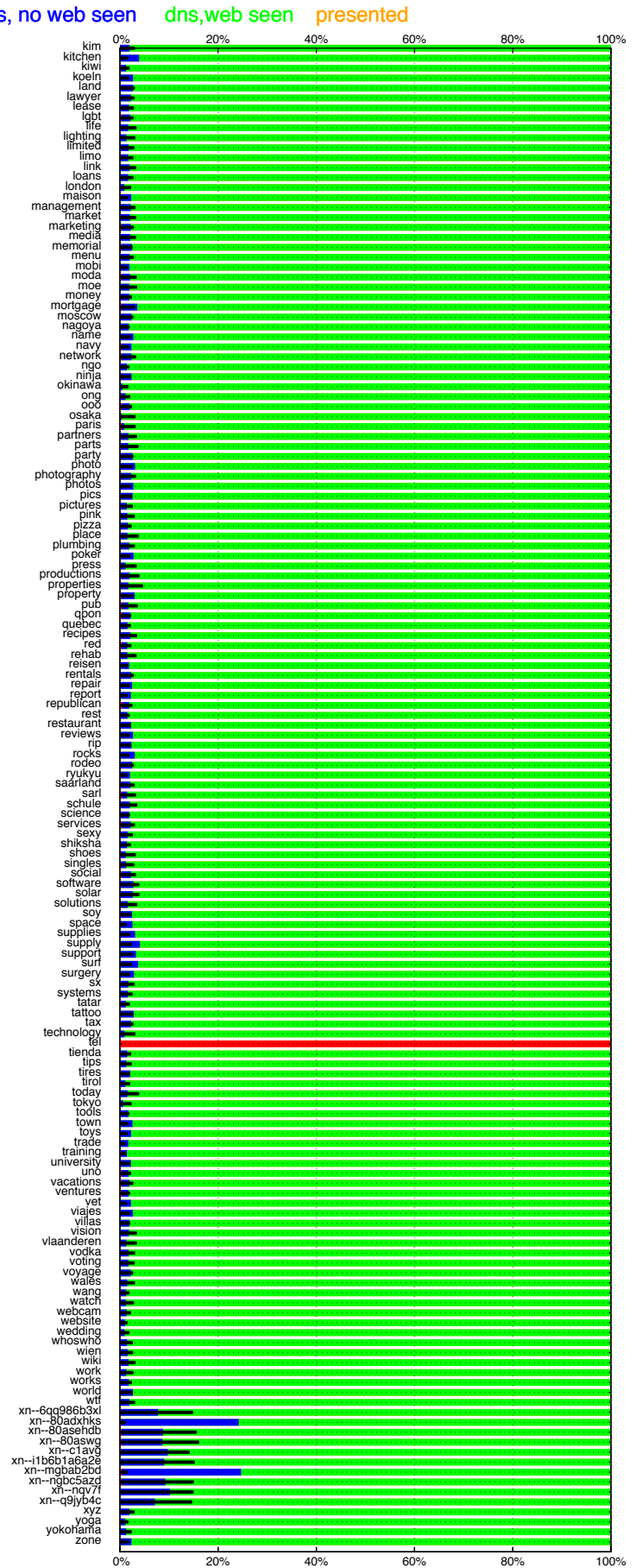
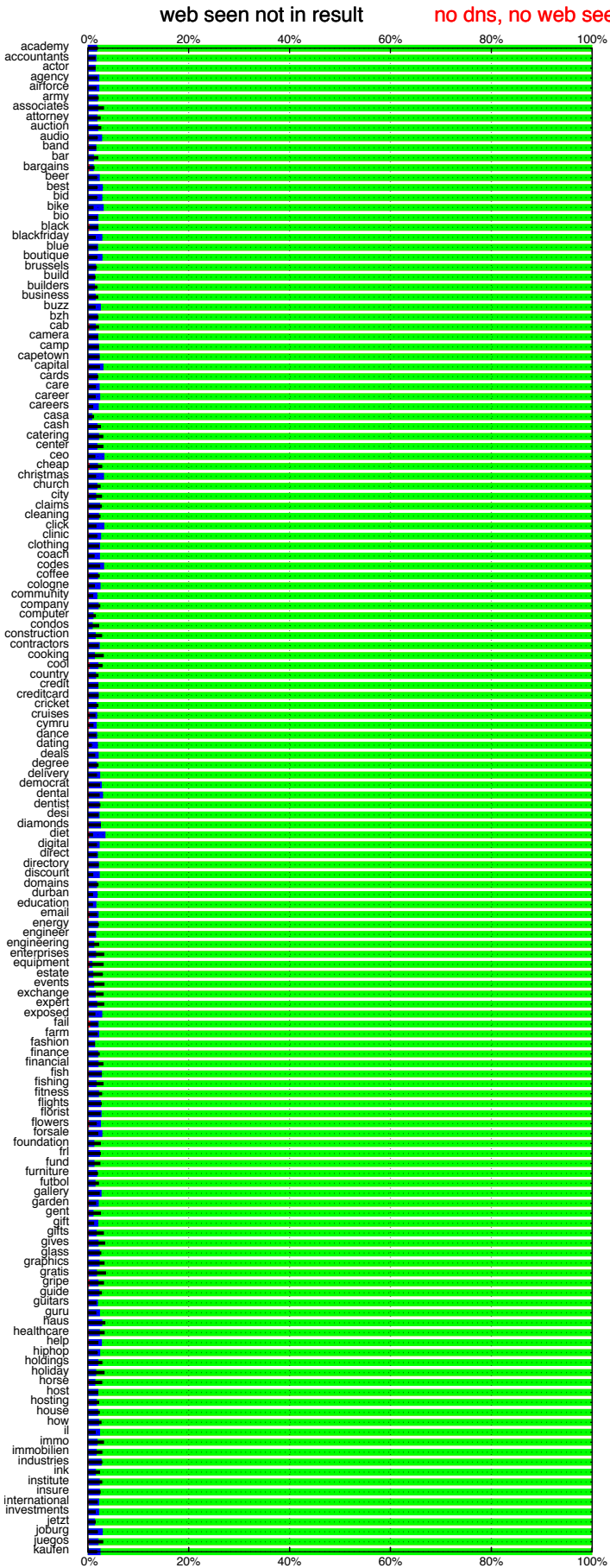
SD - Sudan - Samplecount: 15445

SE - Sweden - Samplecount: 144605



SE - Sweden - Samplecount: 144605

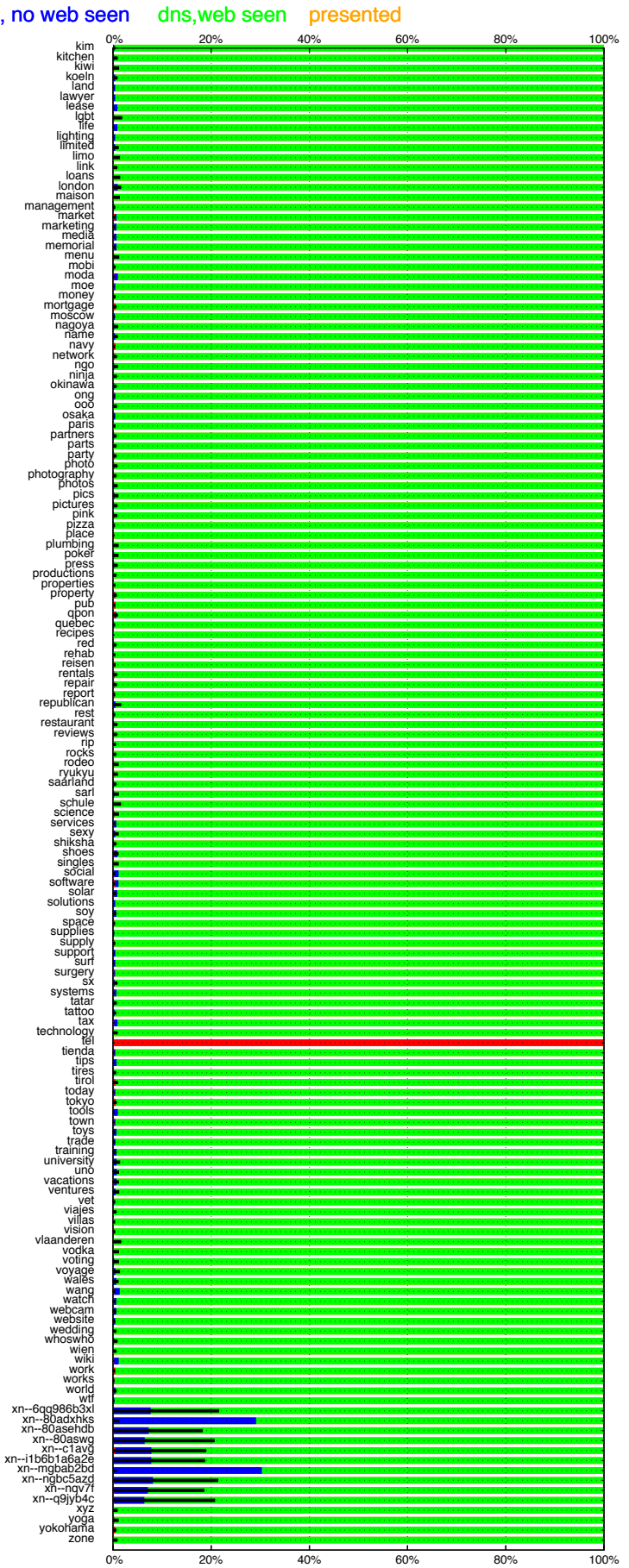
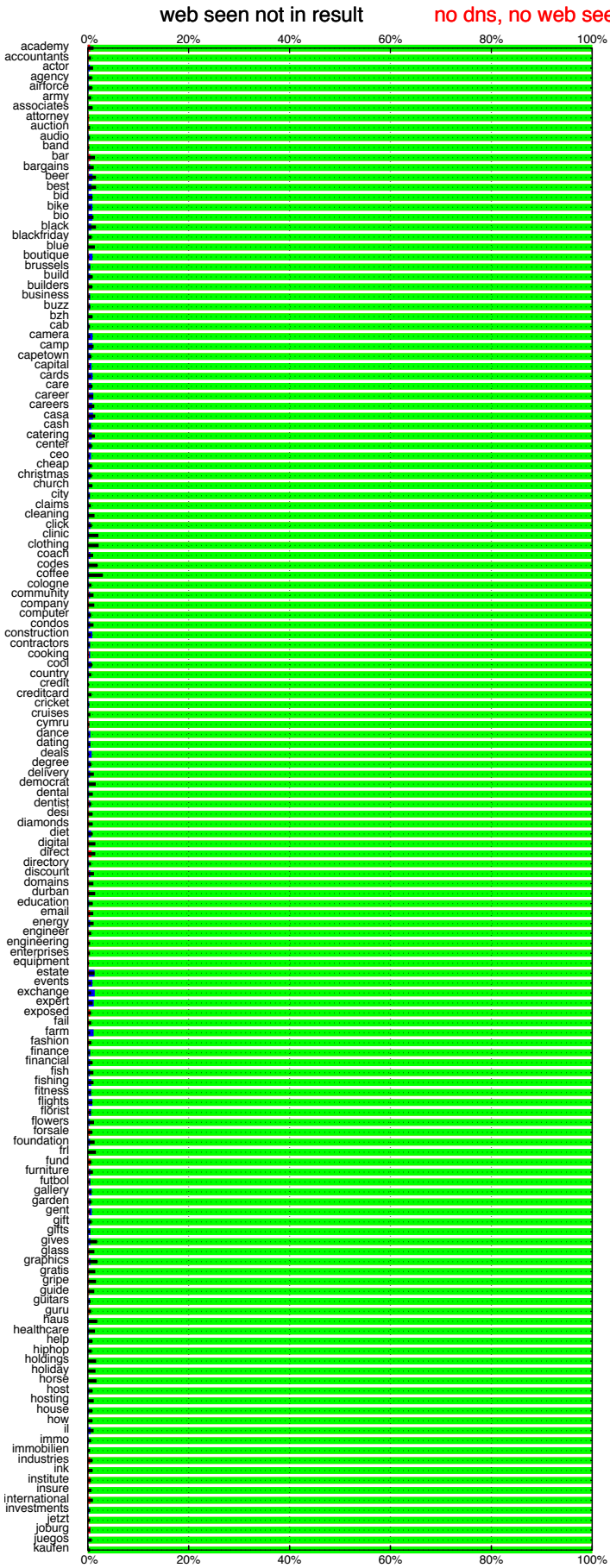
SG - Singapore - Samplecount: 197453



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

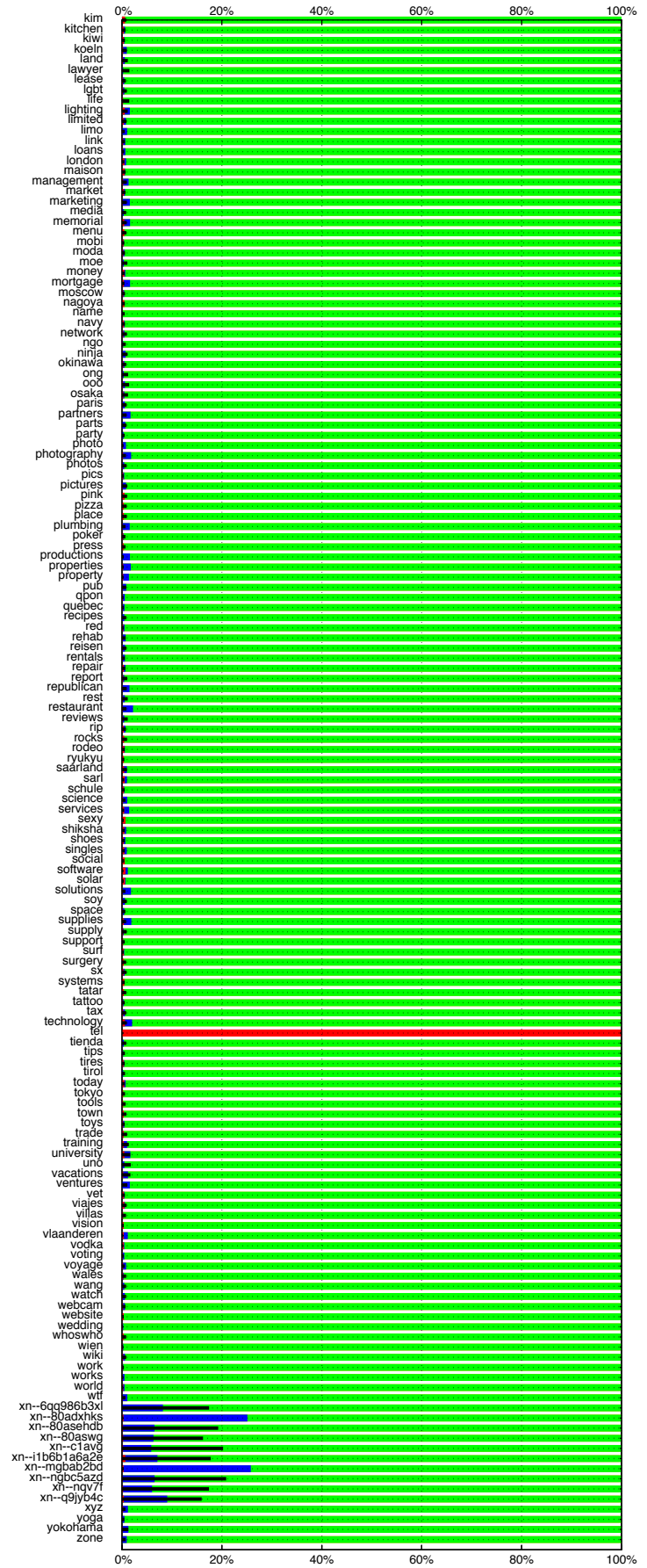
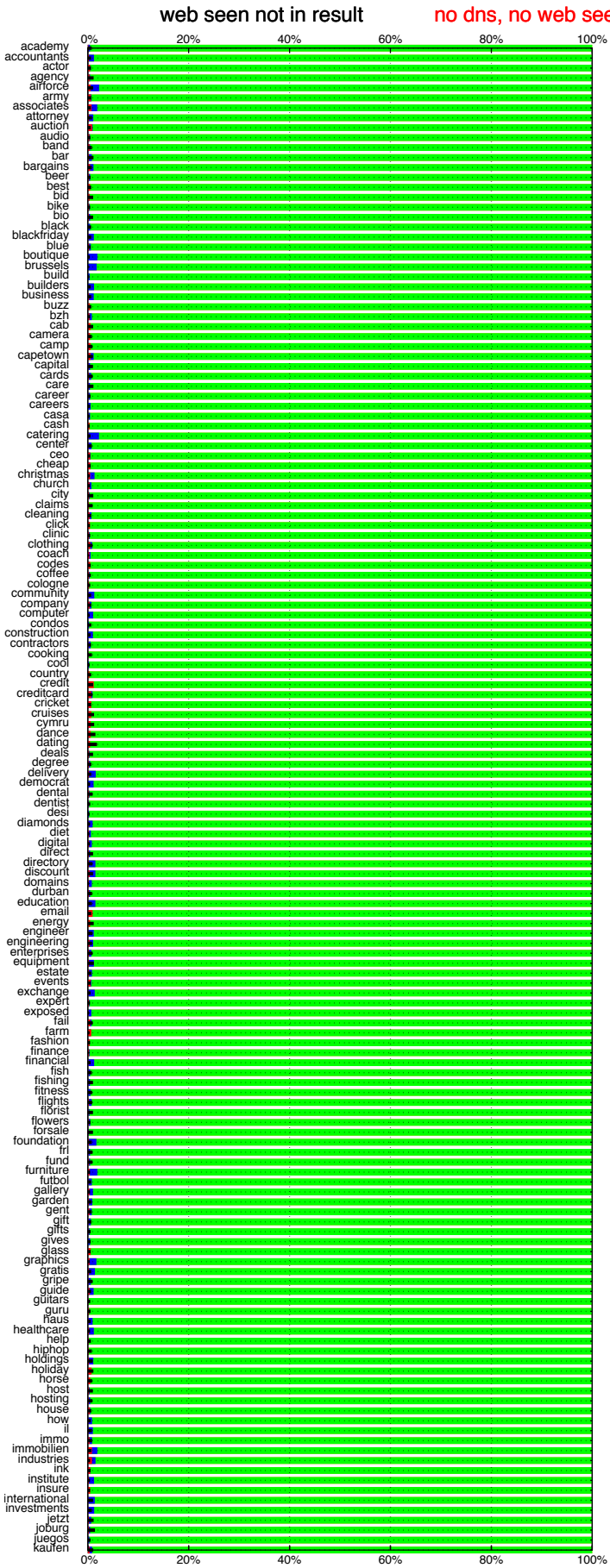
SG - Singapore - Samplecount: 197453

SI - Slovenia - Samplecount: 144115



SI - Slovenia - Samplecount: 144115

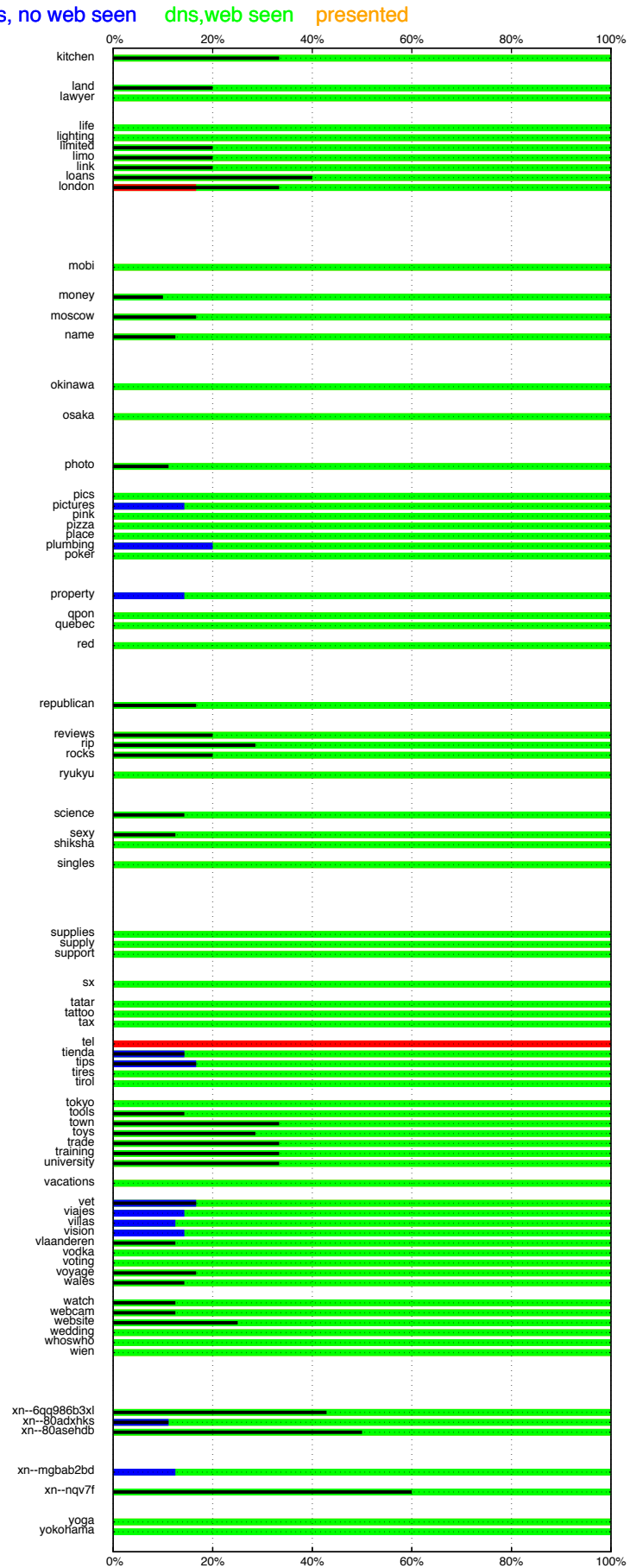
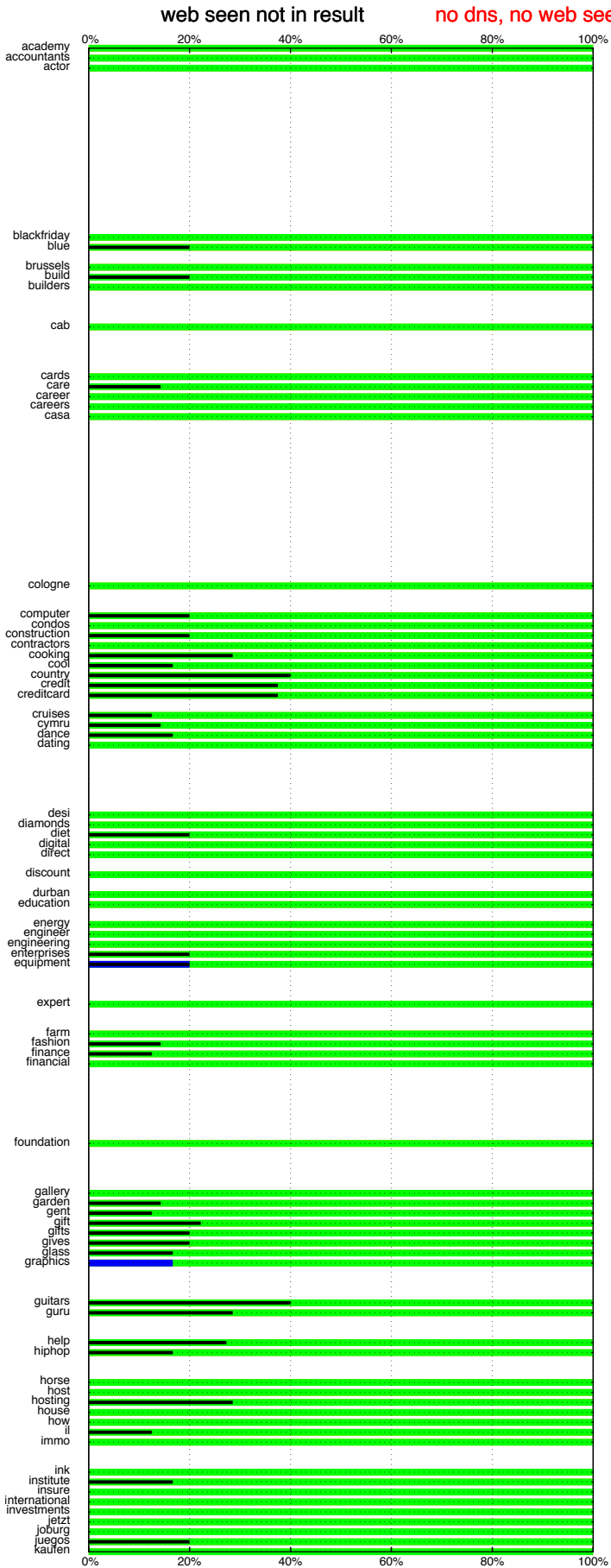
SK - Slovakia - Samplecount: 281920



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

SK - Slovakia - Samplecount: 281920

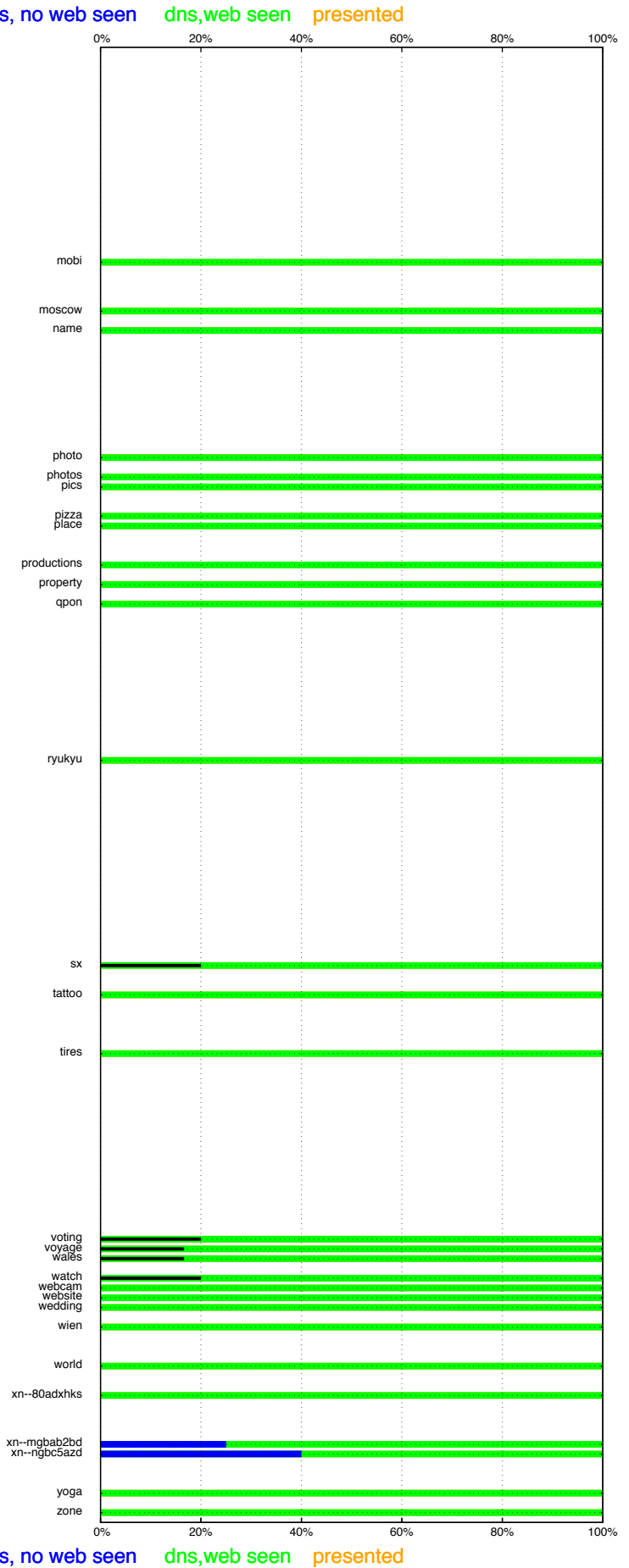
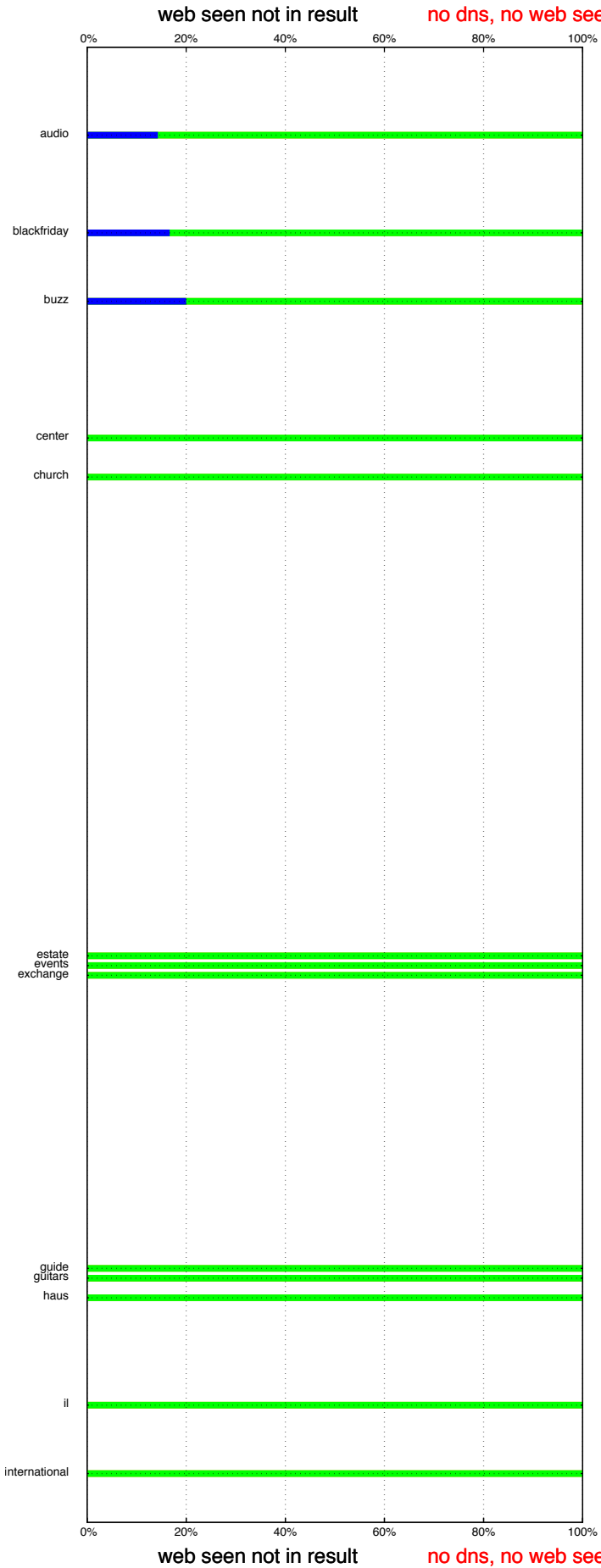
SL - Sierra Leone - Samplecount: 1332



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

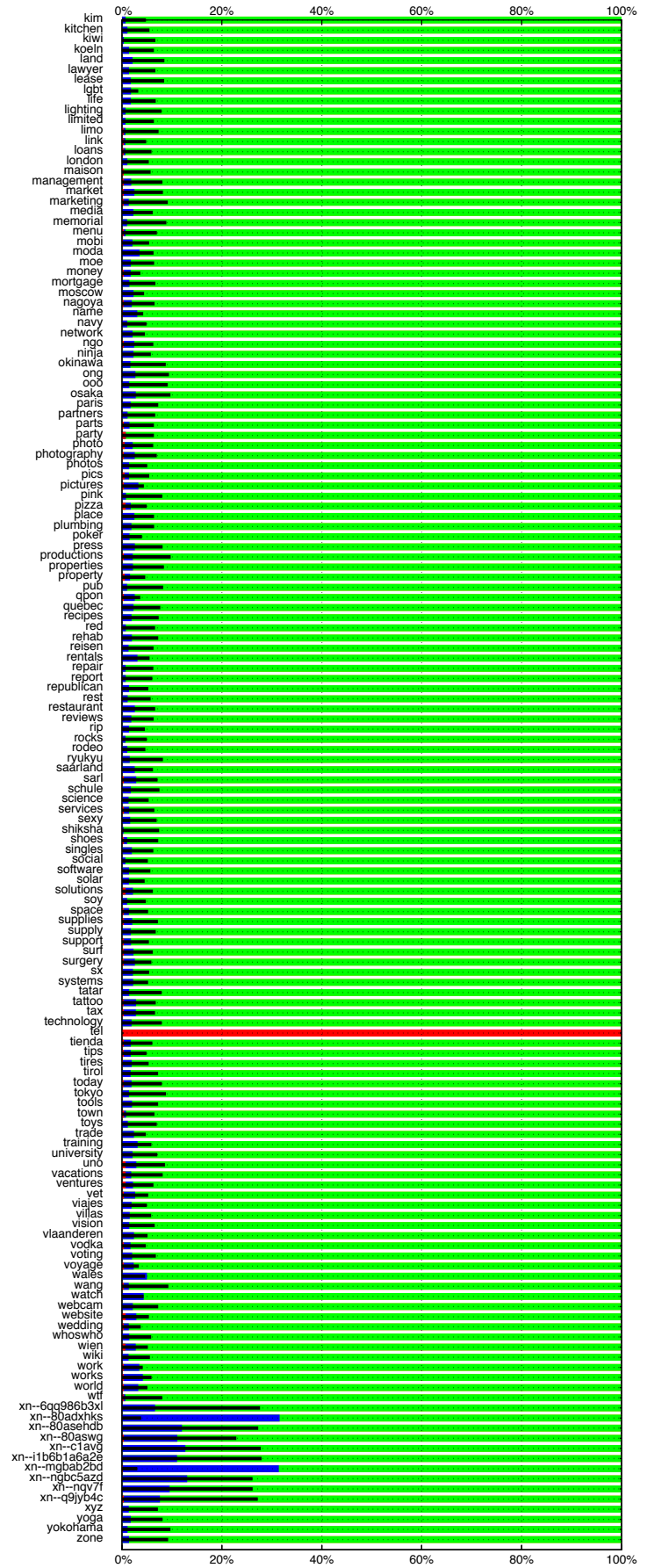
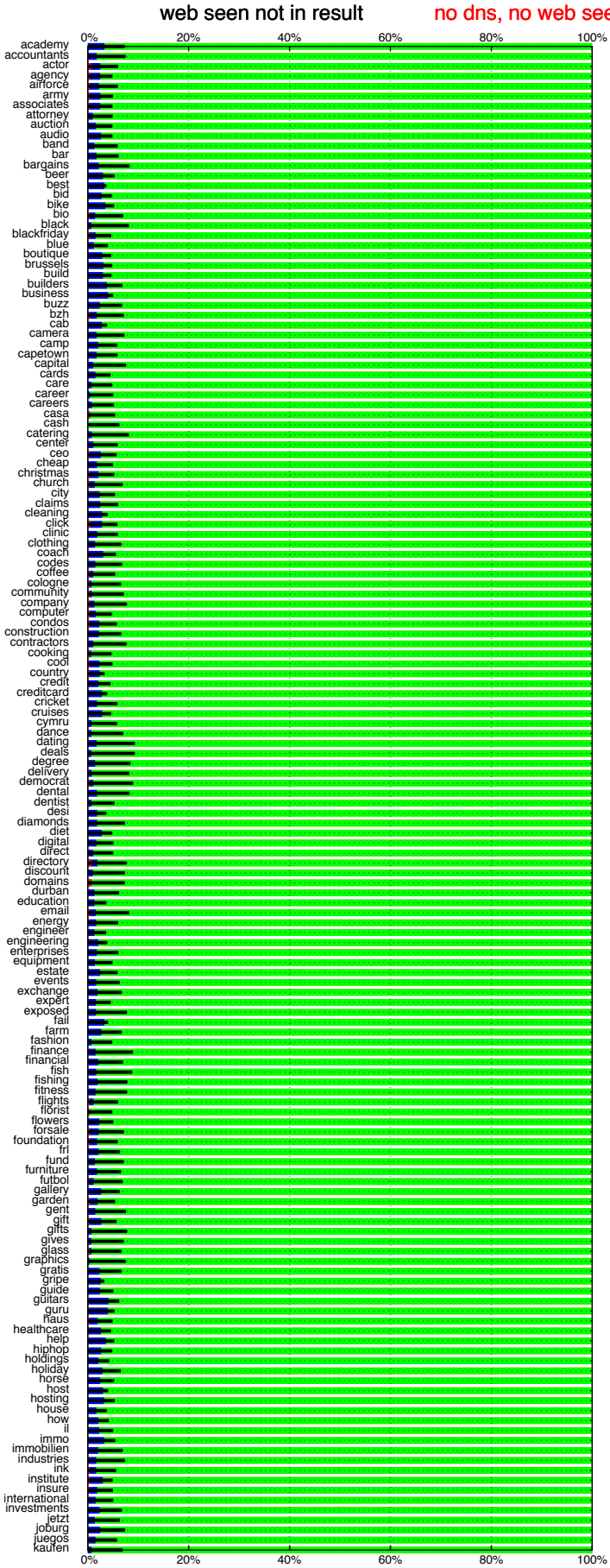
SL - Sierra Leone - Samplecount: 1332

SM - San Marino - Samplecount: 839



SM - San Marino - Samplecount: 839

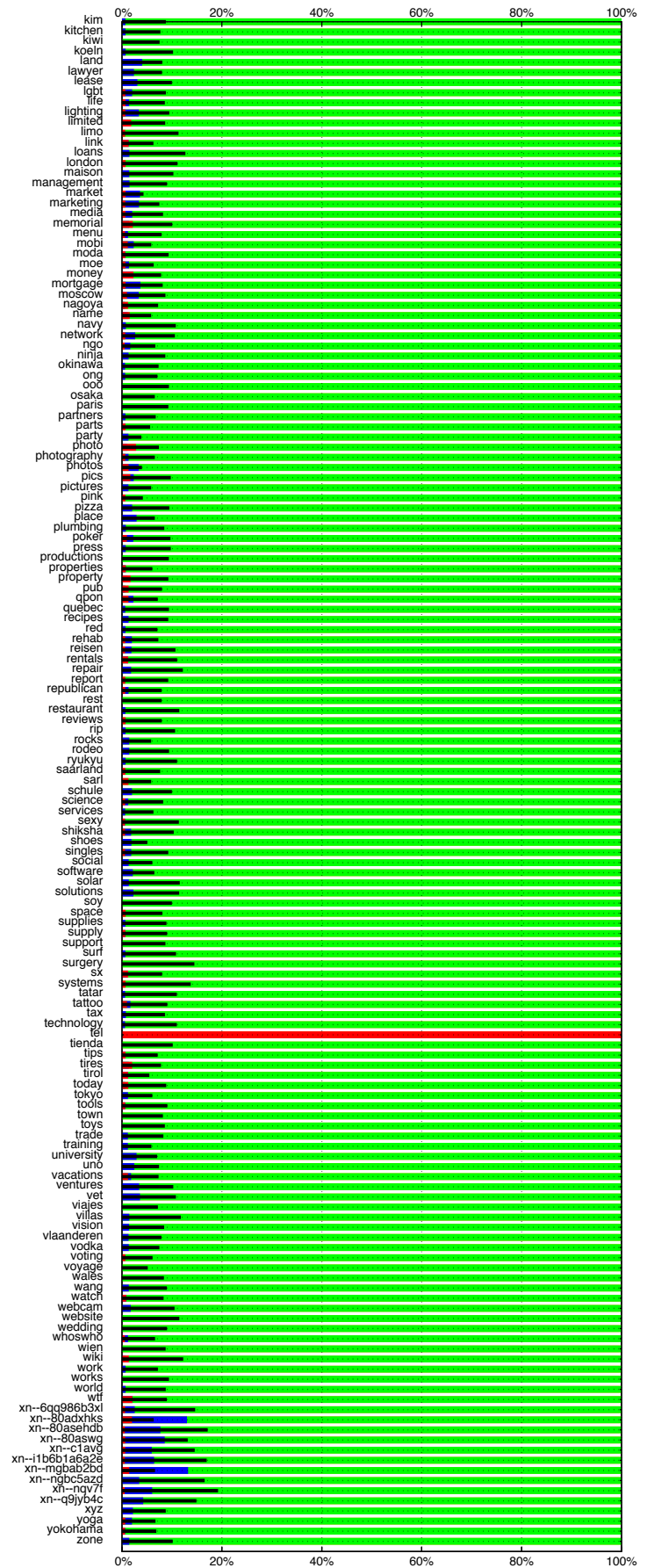
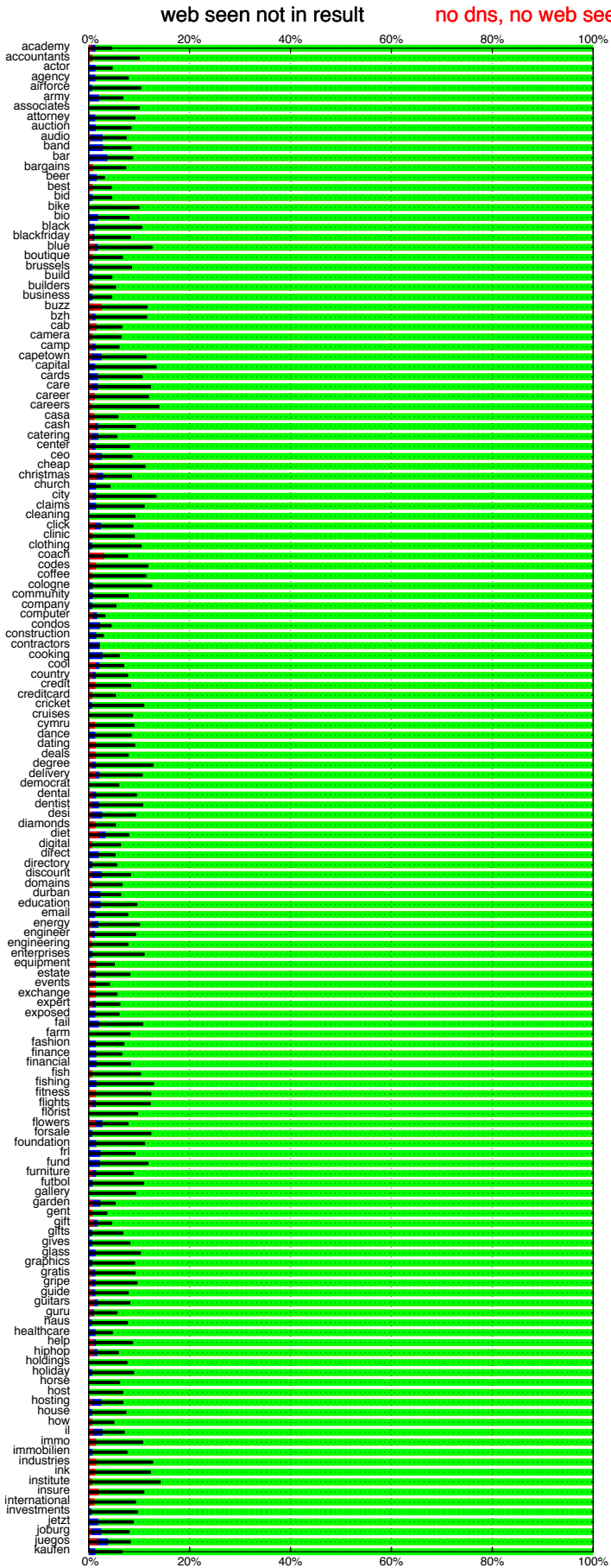
SN - Senegal - Samplecount: 89271



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

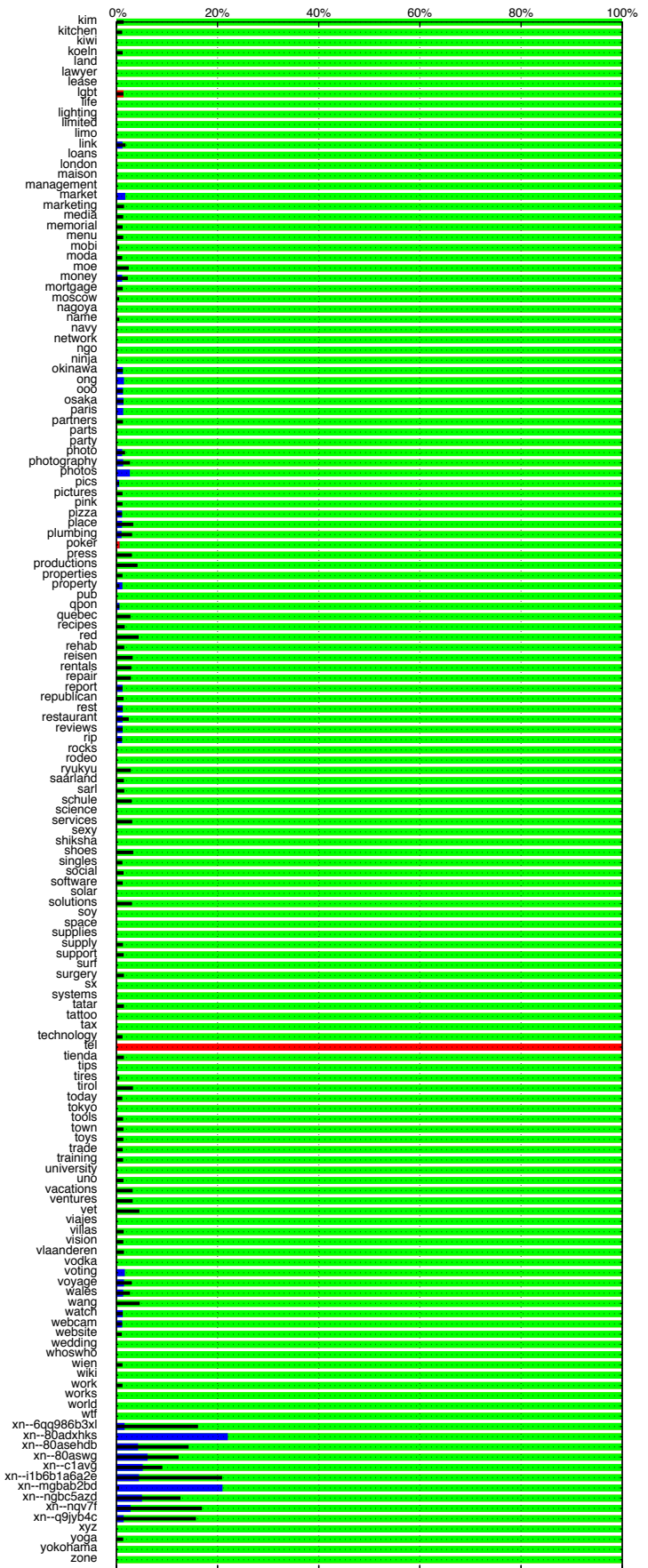
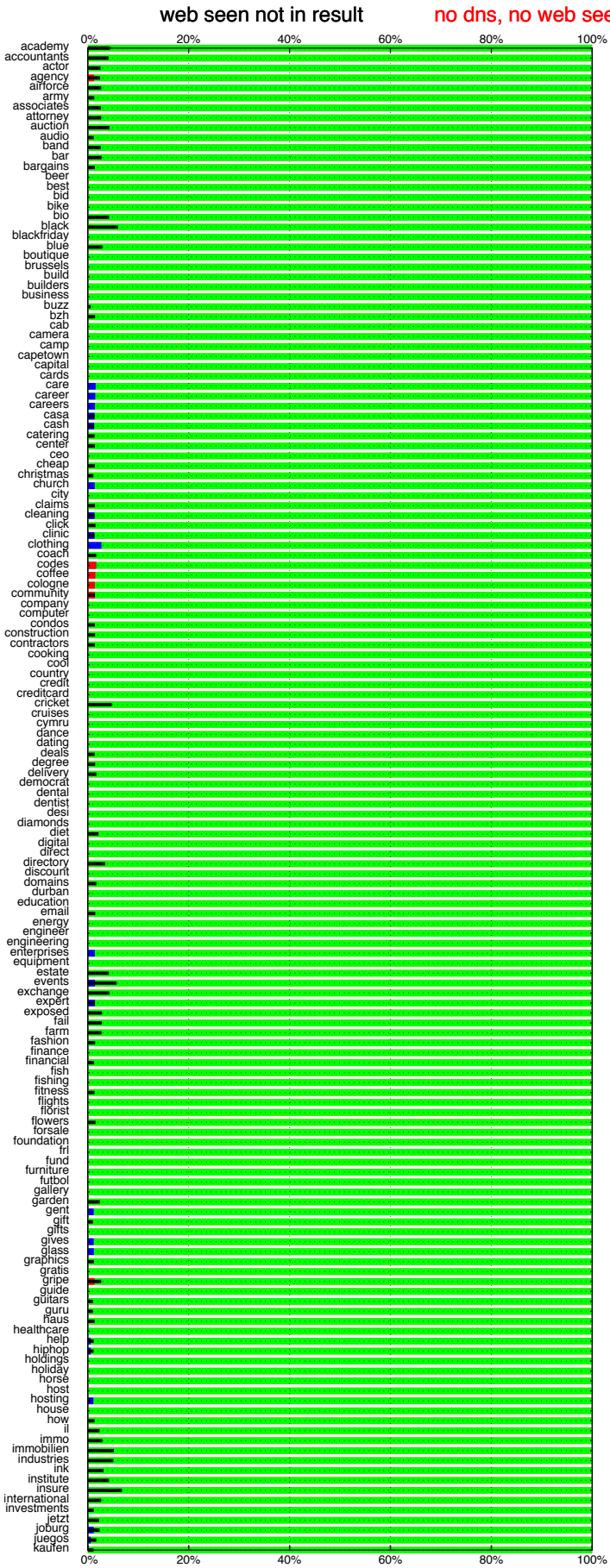
SN - Senegal - Samplecount: 89271

SO - Somalia - Samplecount: 44980



SO - Somalia - Samplecount: 44980

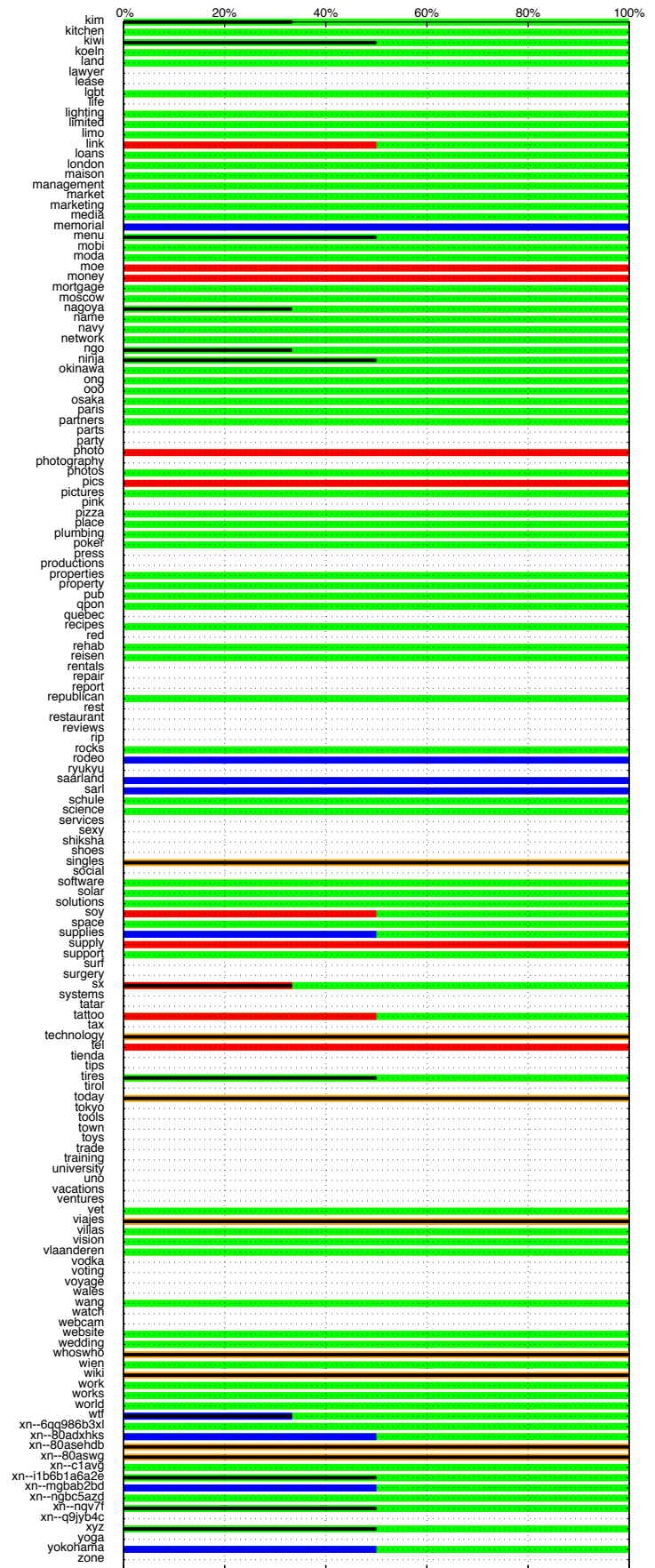
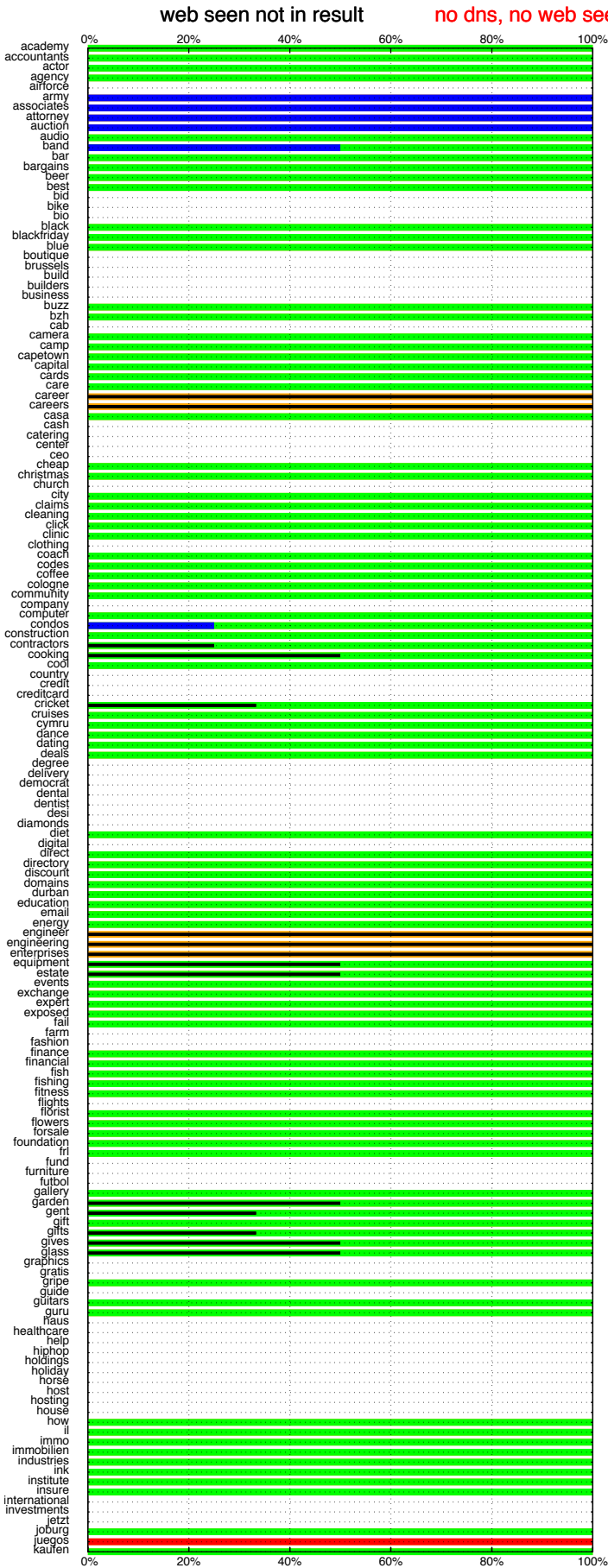
SR - Suriname - Samplecount: 25260



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

SR - Suriname - Samplecount: 25260

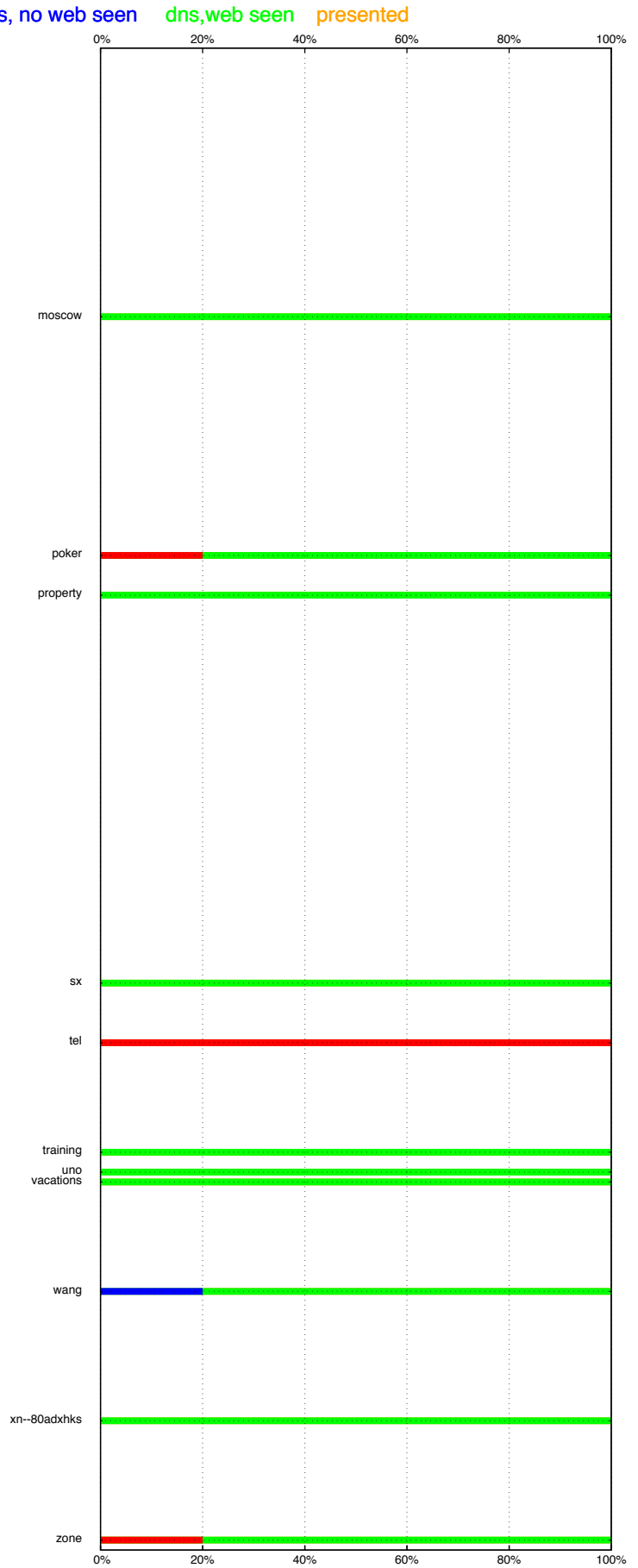
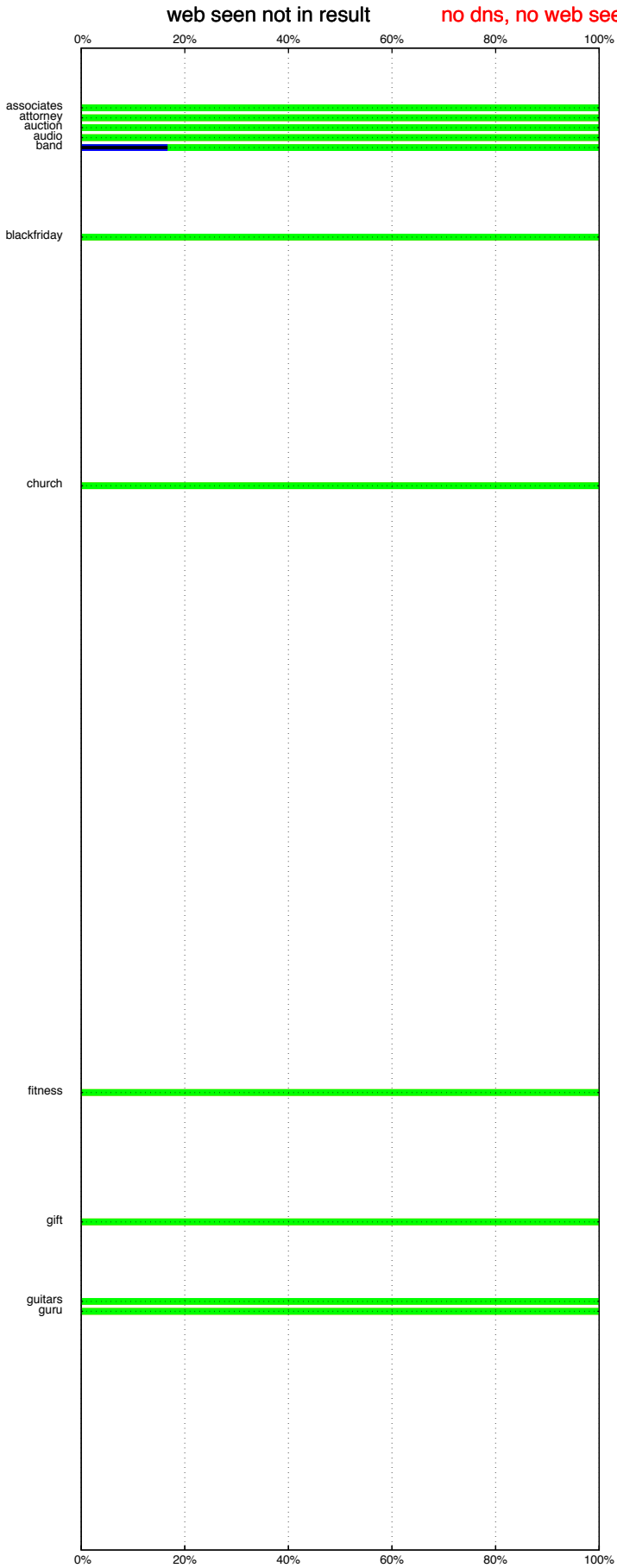
SS - South Sudan - Samplecount: 252



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

SS - South Sudan - Samplecount: 252

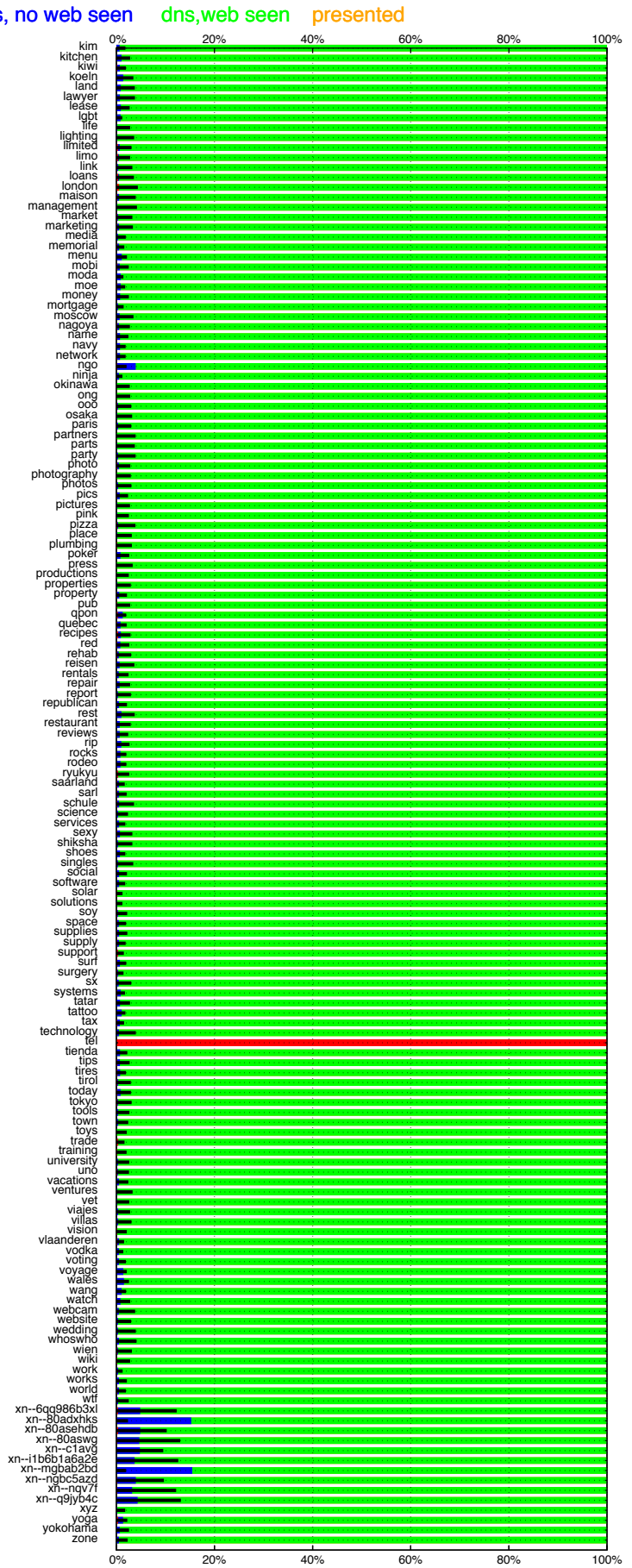
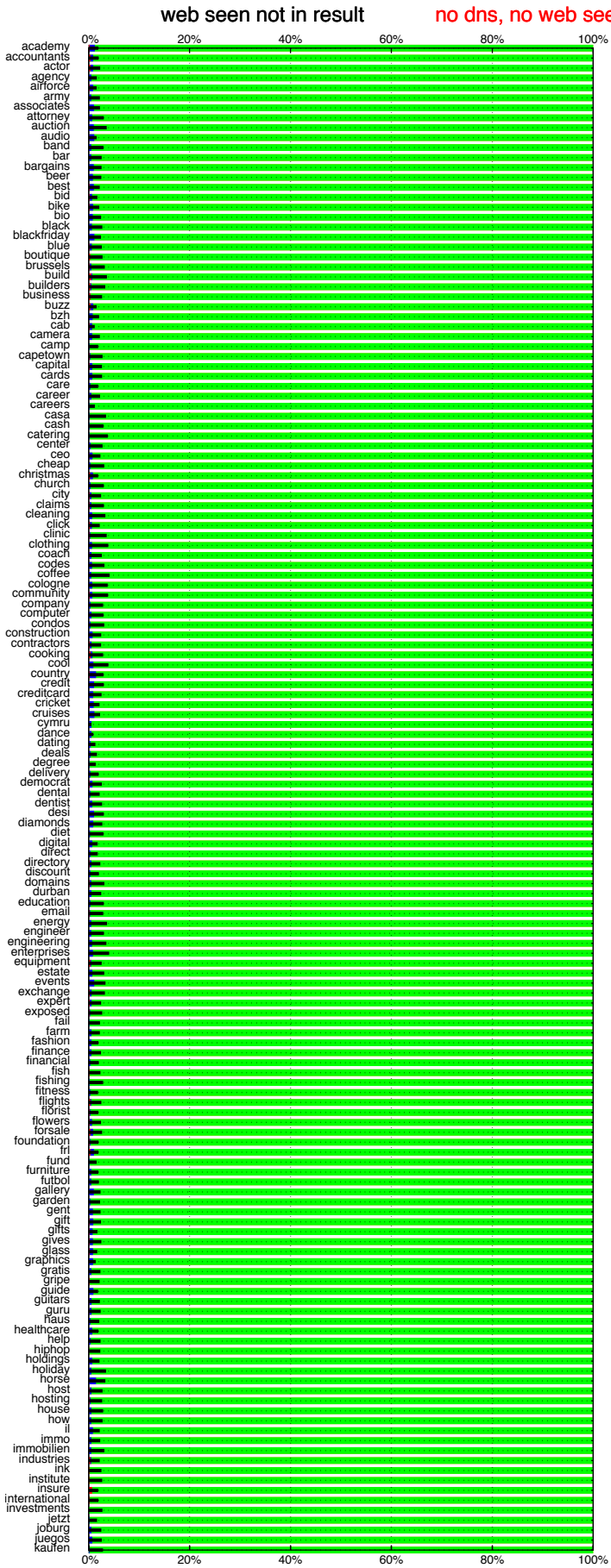
ST - Sao Tome namePrinciple - Samplecount: 631



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

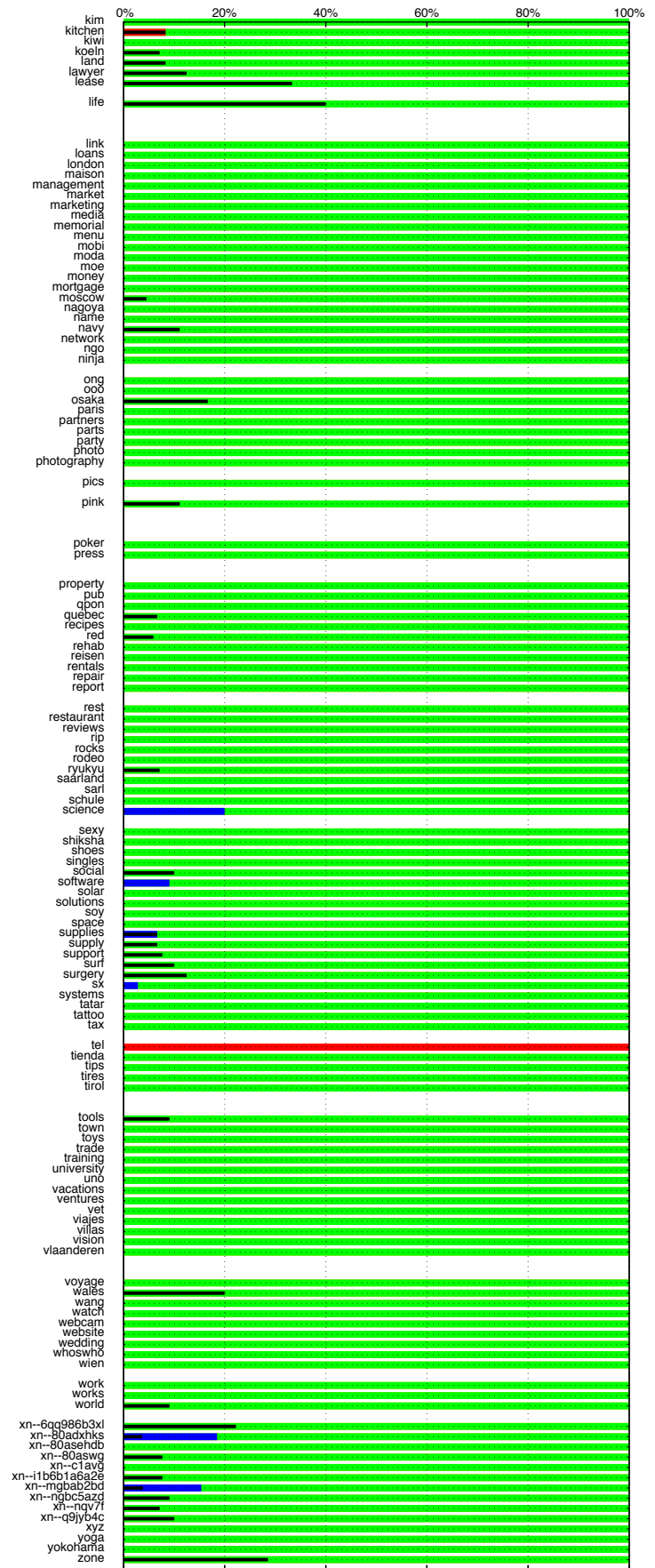
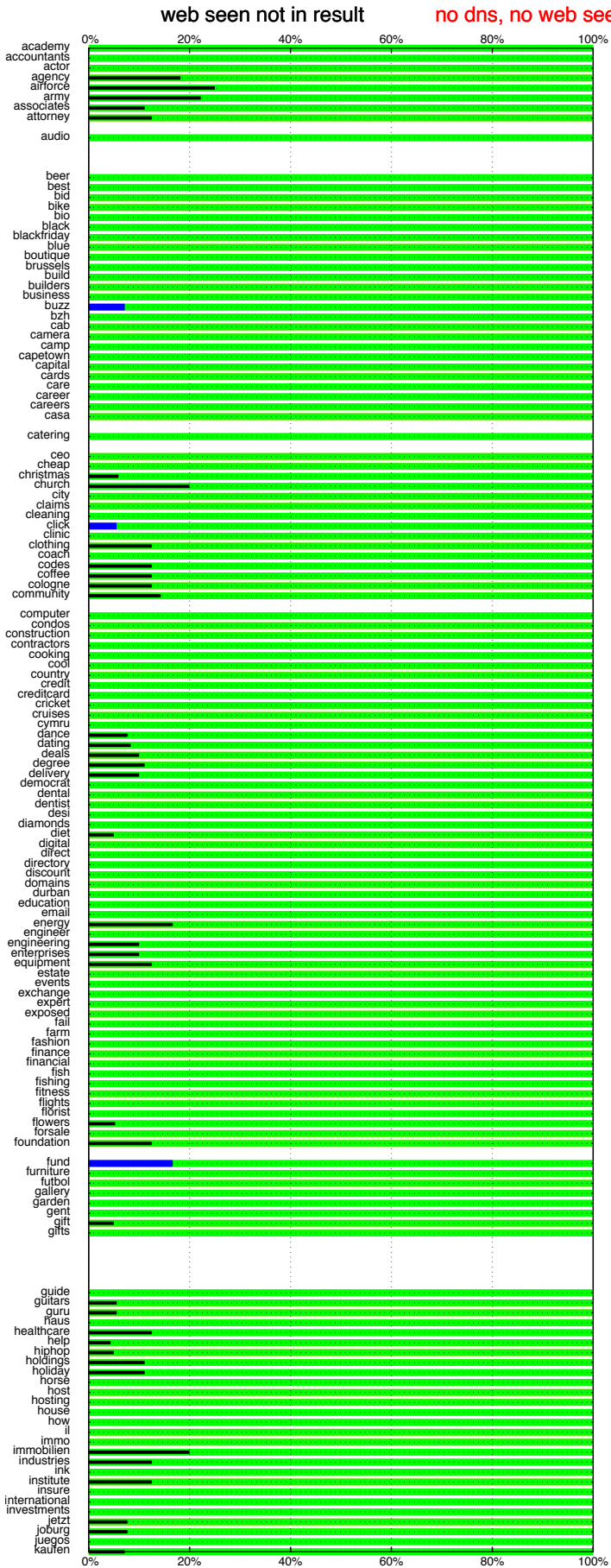
ST - Sao Tome namePrinciple - Samplecount: 631

SV - El Salvador - Samplecount: 183778



SV - El Salvador - Samplecount: 183778

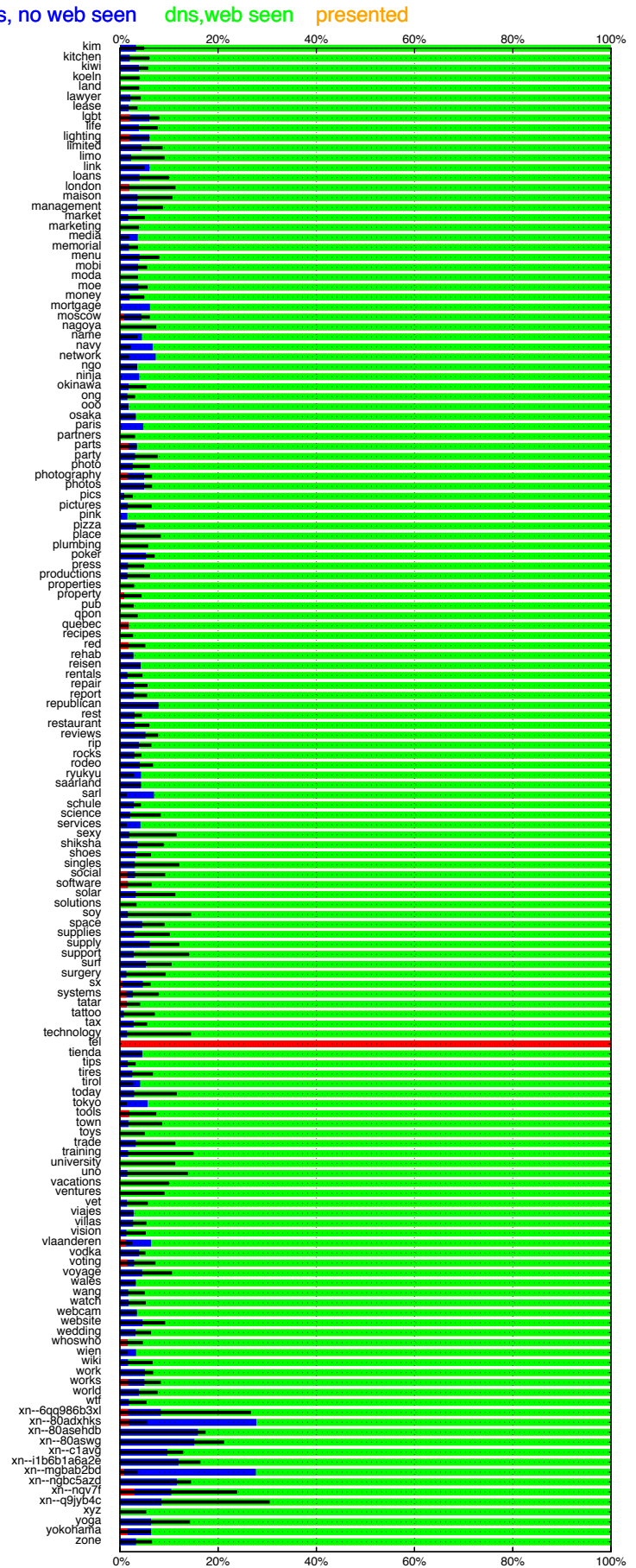
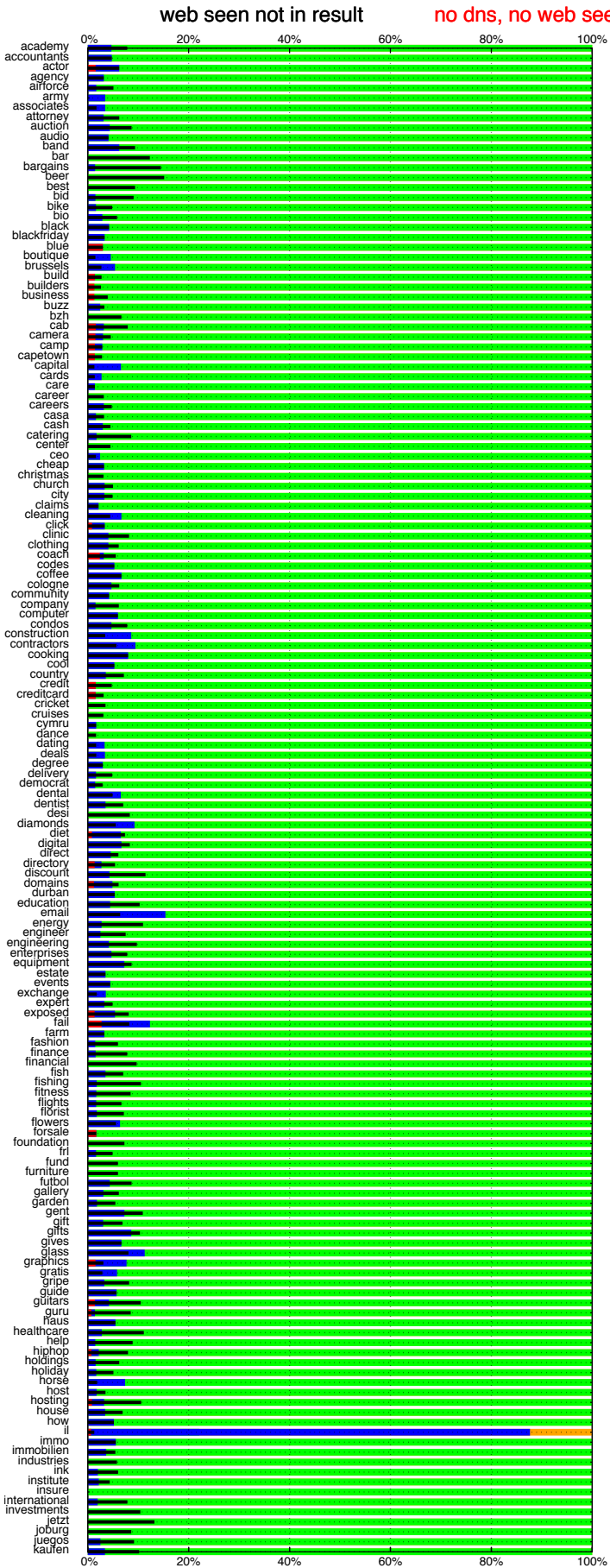
SX - St Maarten (Dutch part) - Samplecount: 2825



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

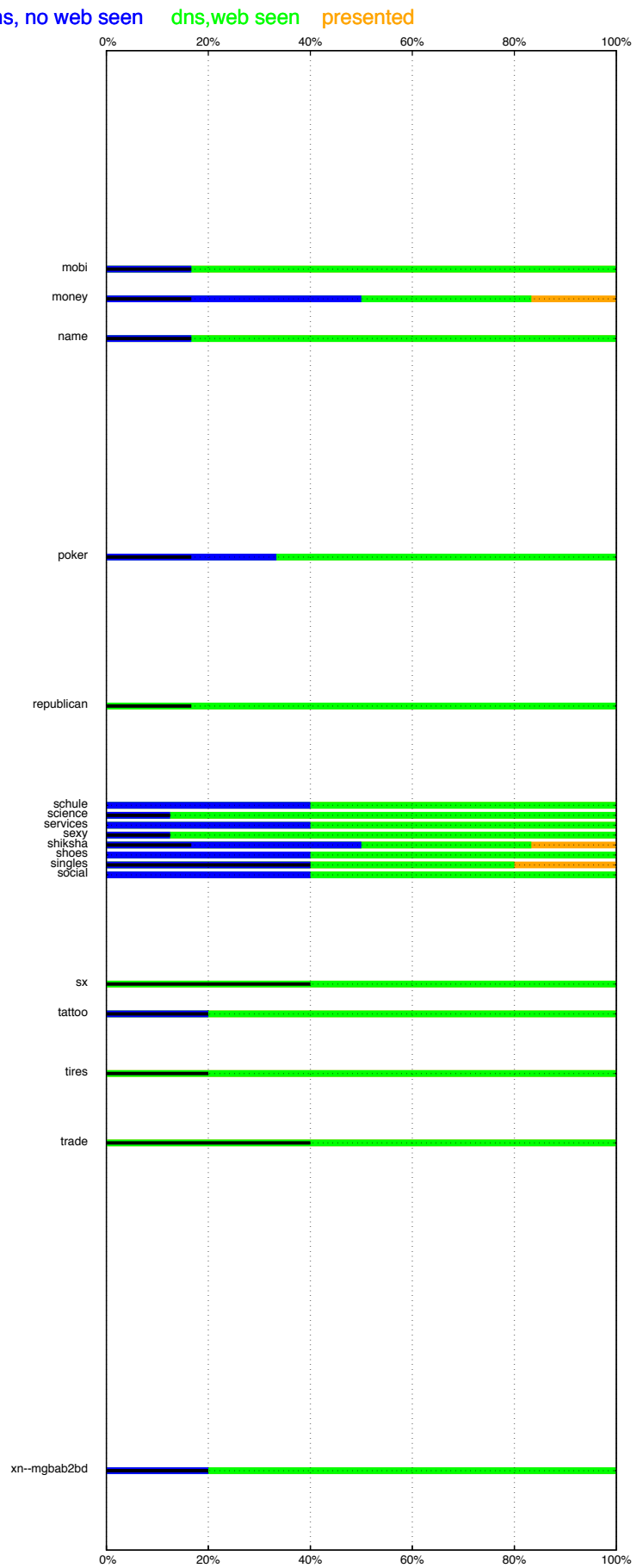
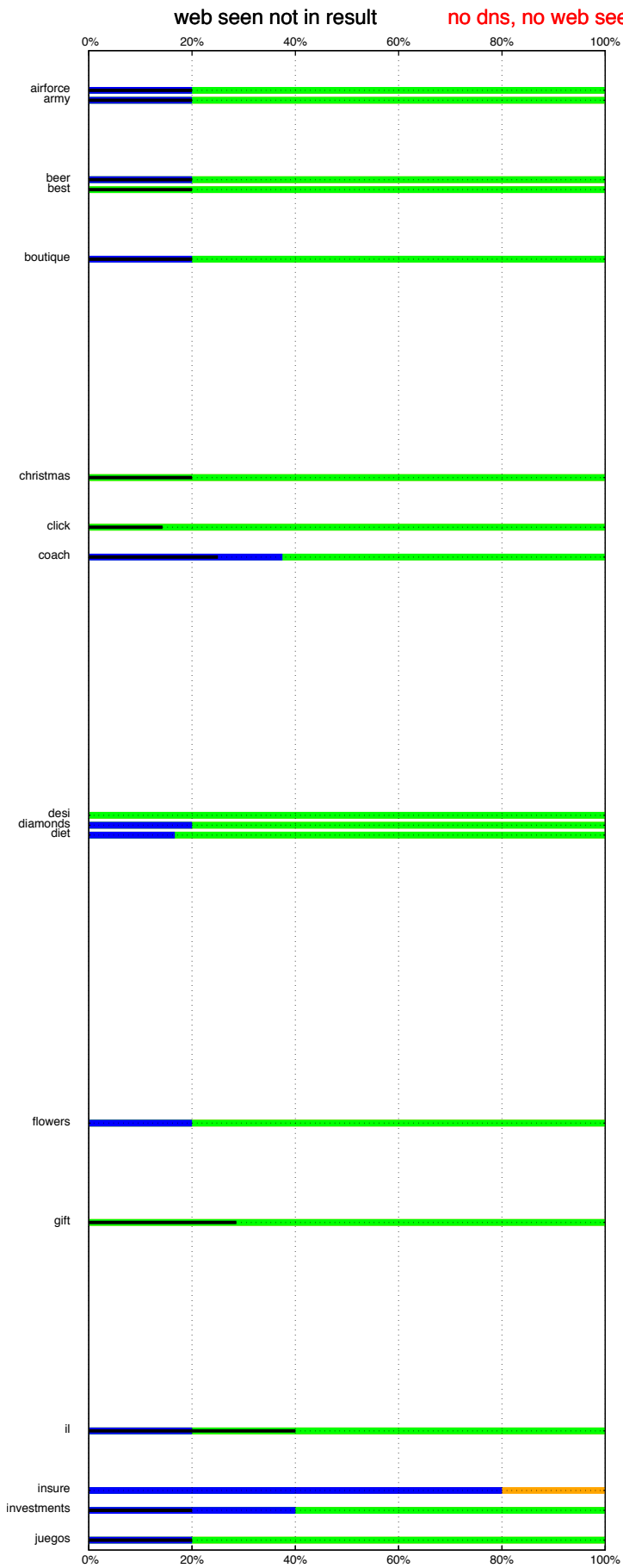
SX - St Maarten (Dutch part) - Samplecount: 2825

SY - Syria - Samplecount: 19596



SY - Syria - Samplecount: 19596

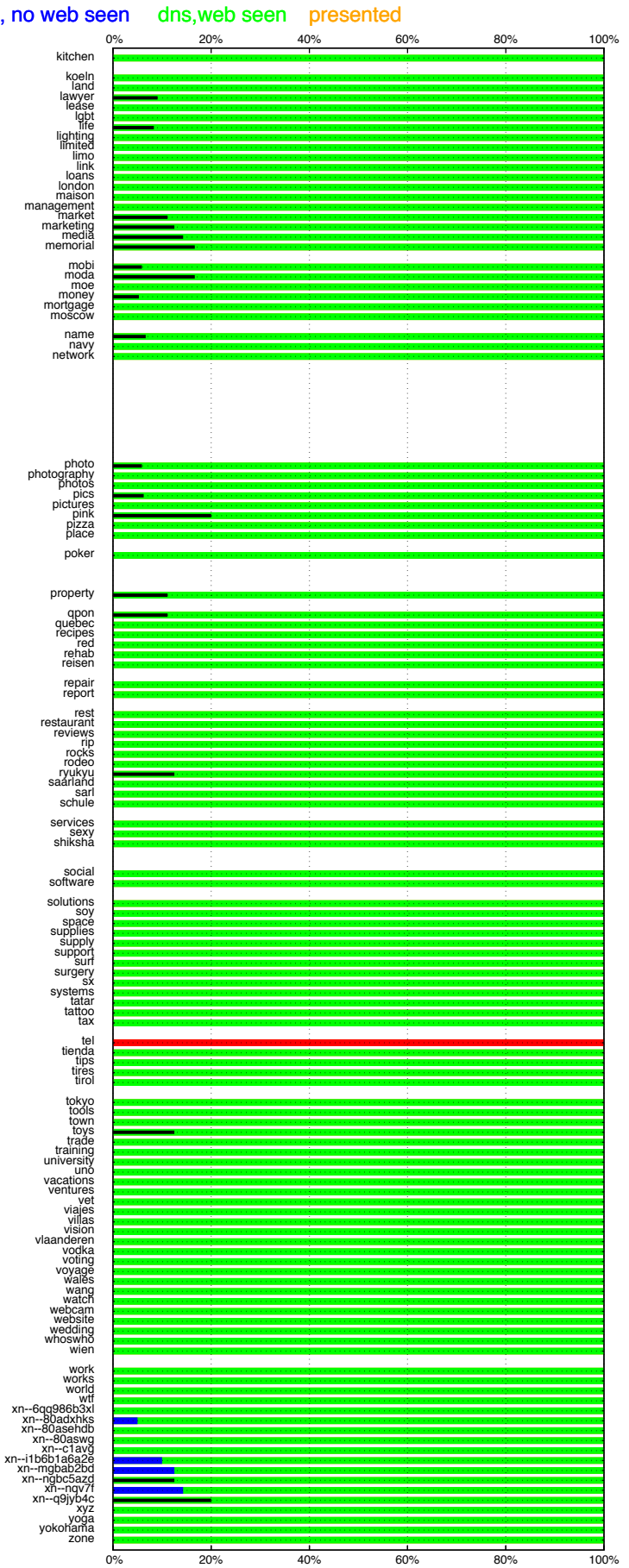
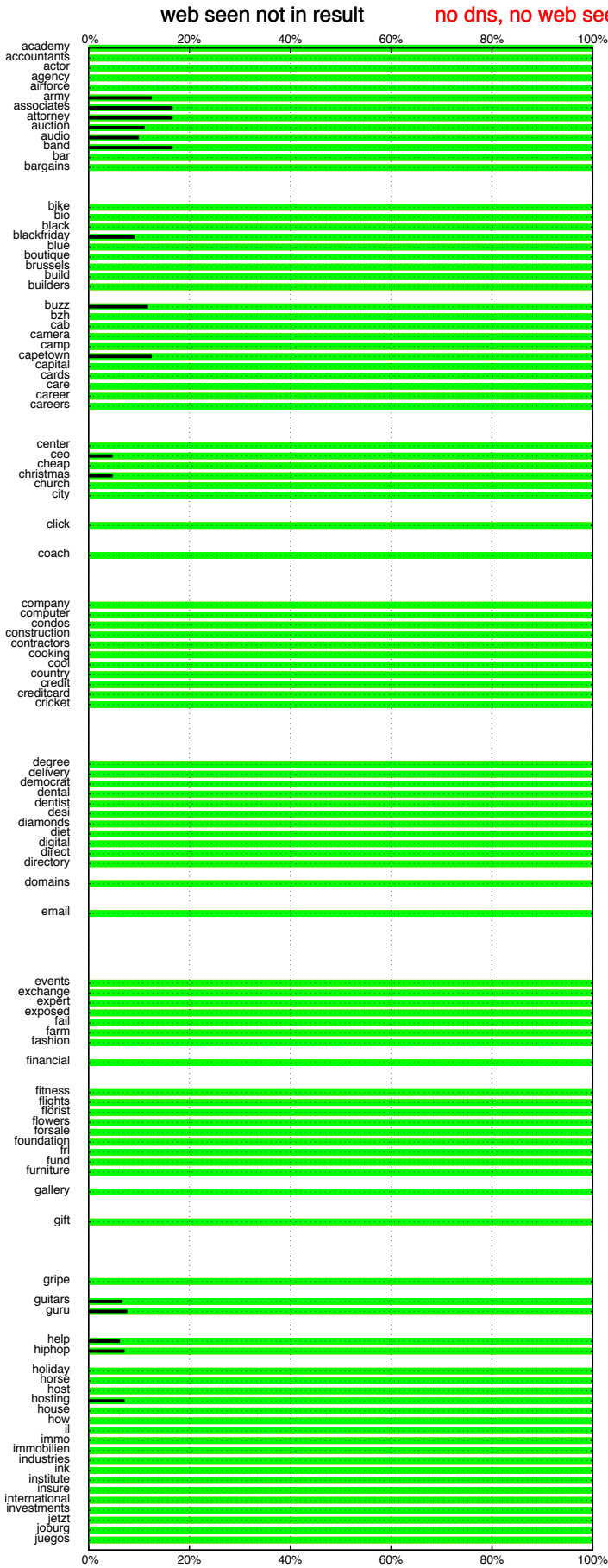
SZ - Swaziland - Samplecount: 668



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

SZ - Swaziland - Samplecount: 668

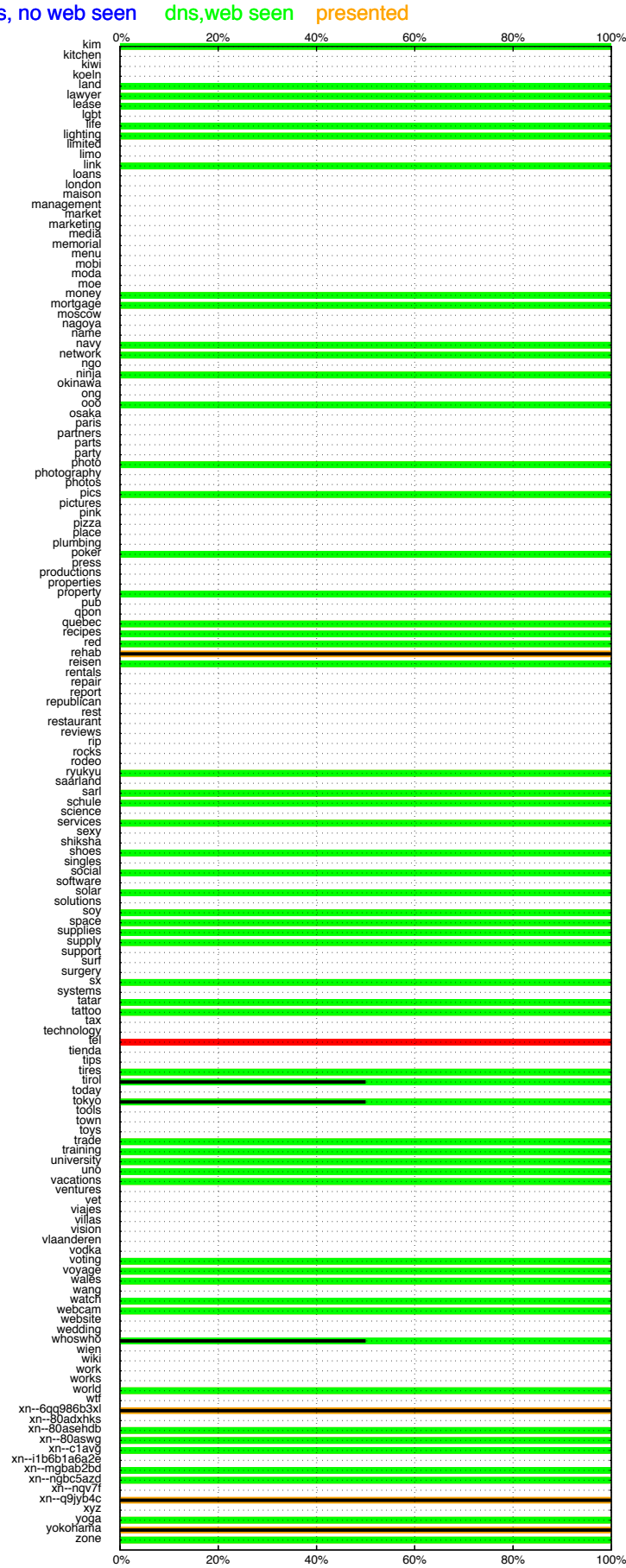
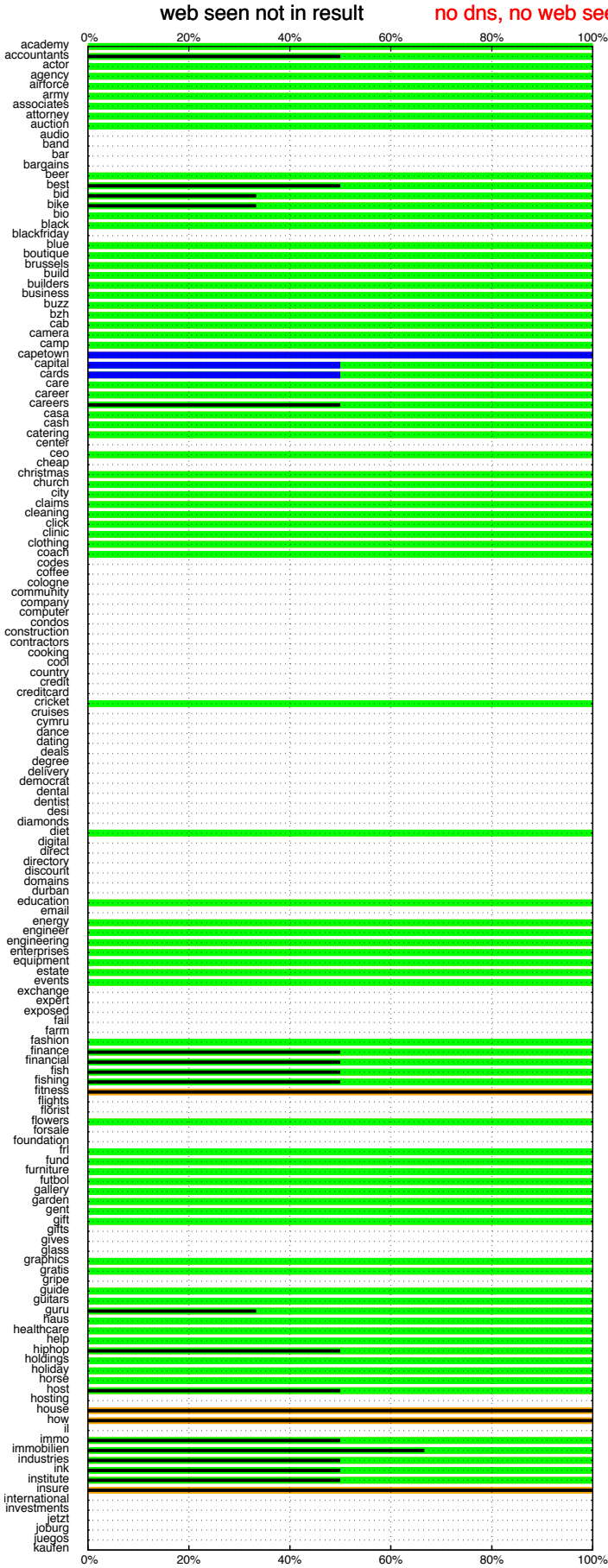
TC - Turks nameCaicos Is - Samplecount: 2240



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

TC - Turks nameCaicos Is - Samplecount: 2240

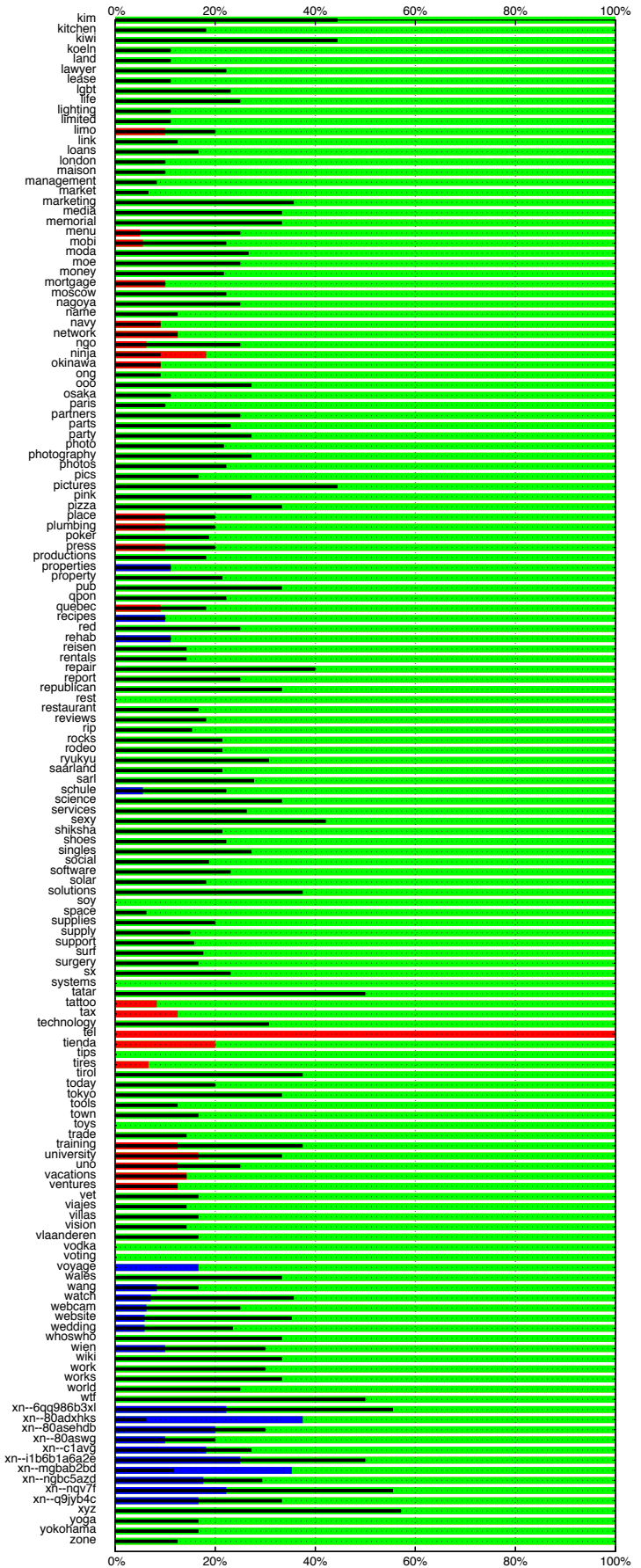
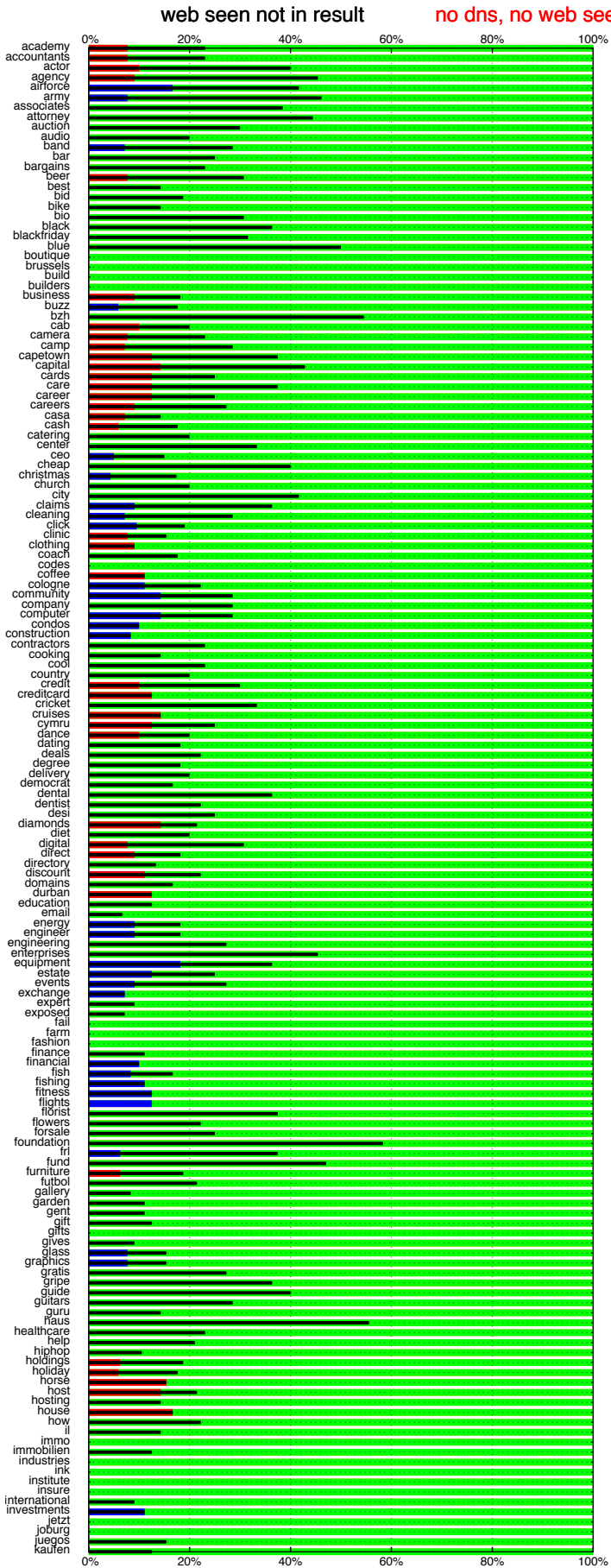
TD - Chad - Samplecount: 171



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

TD - Chad - Samplecount: 171

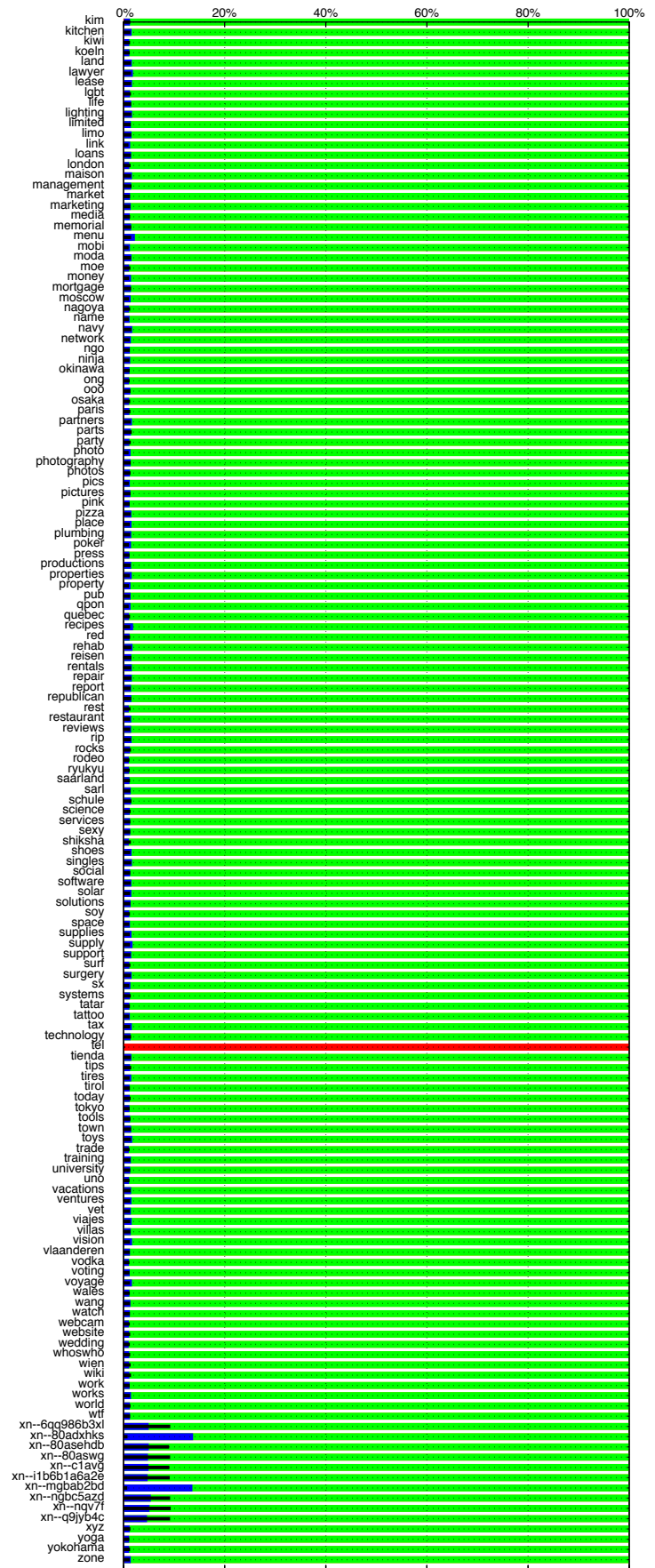
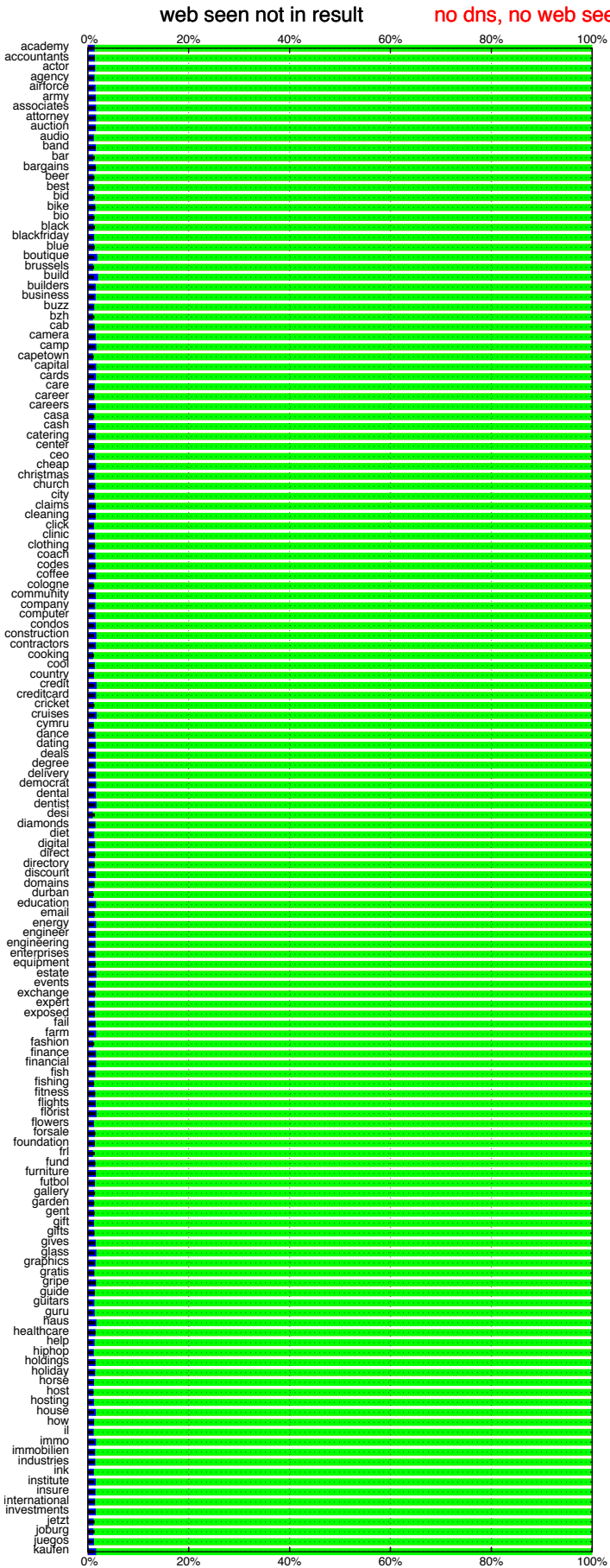
TG - Togo - Samplecount: 2833



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

TG - Togo - Samplecount: 2833

TH - Thailand - Samplecount: 5263323

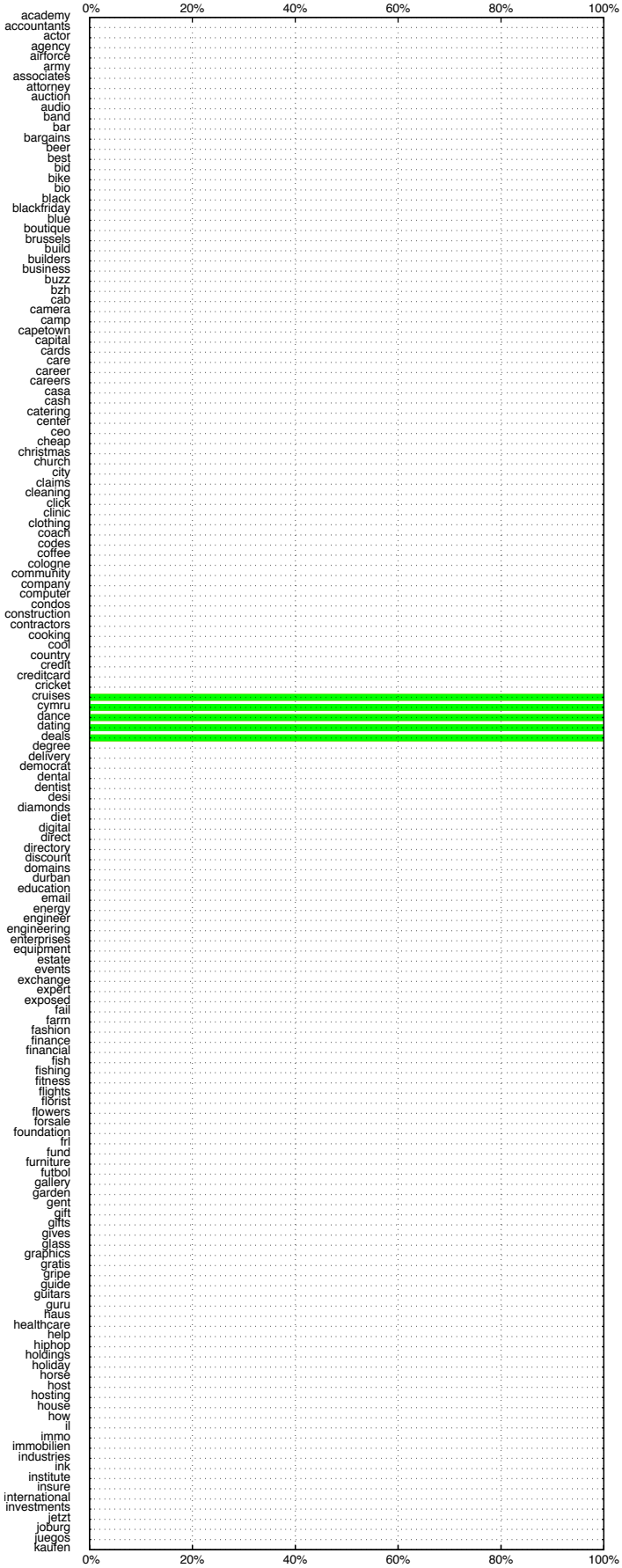


web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

TH - Thailand - Samplecount: 5263323

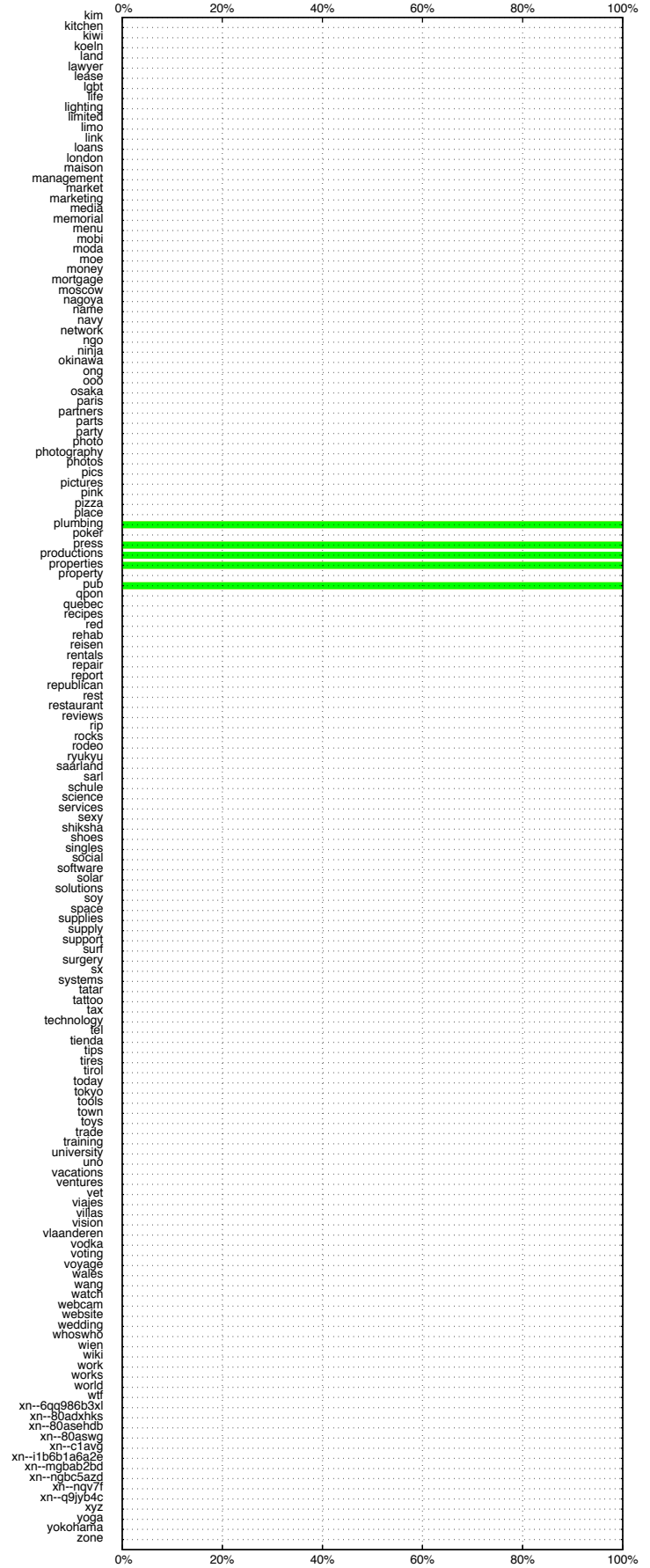
TK - Tokelau - Samplecount: 10

web seen not in result no dns, no web seen dns, no web seen dns,web seen presented



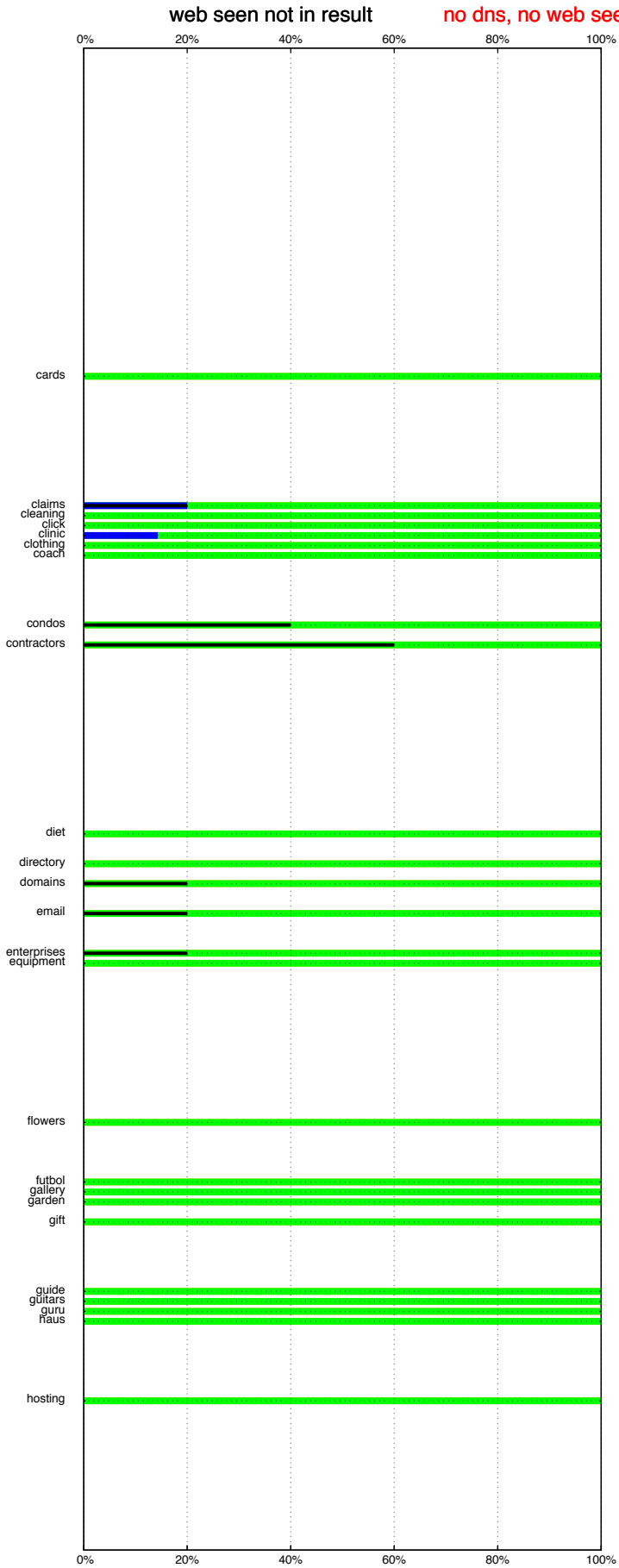
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

TK - Tokelau - Samplecount: 10

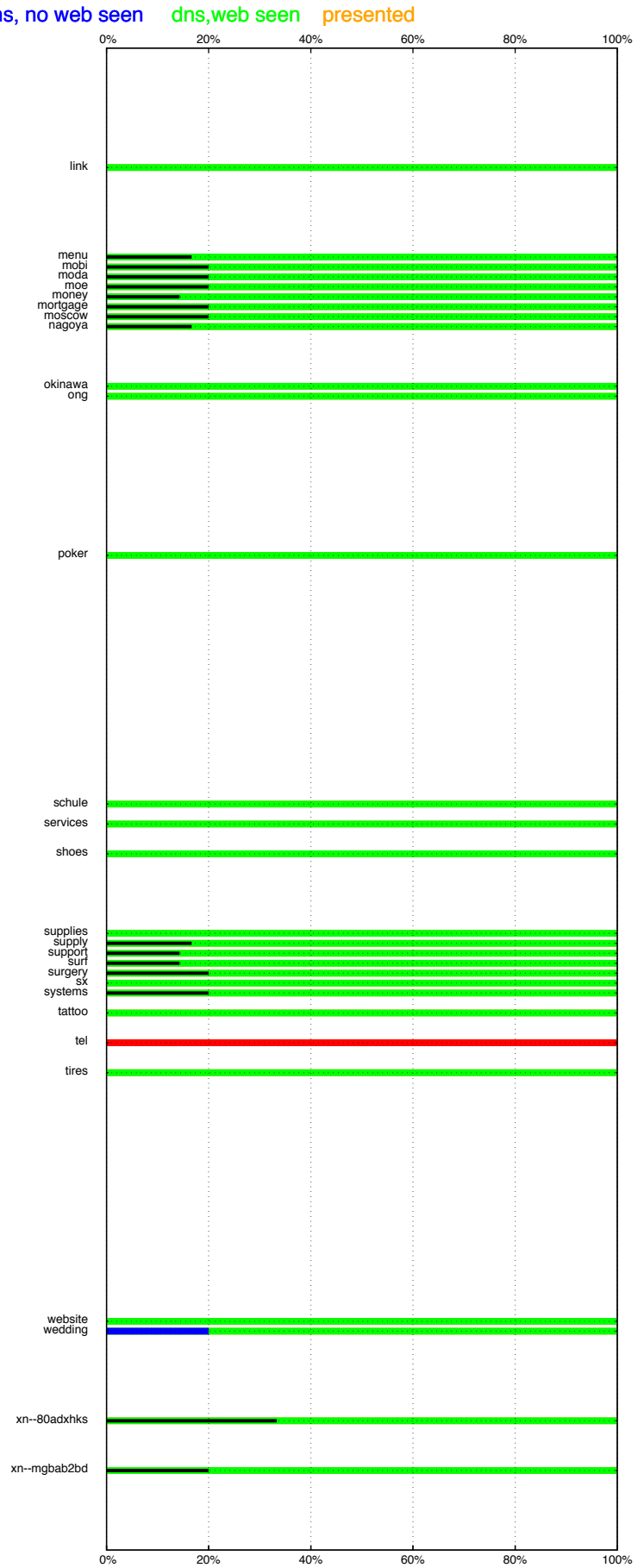


web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

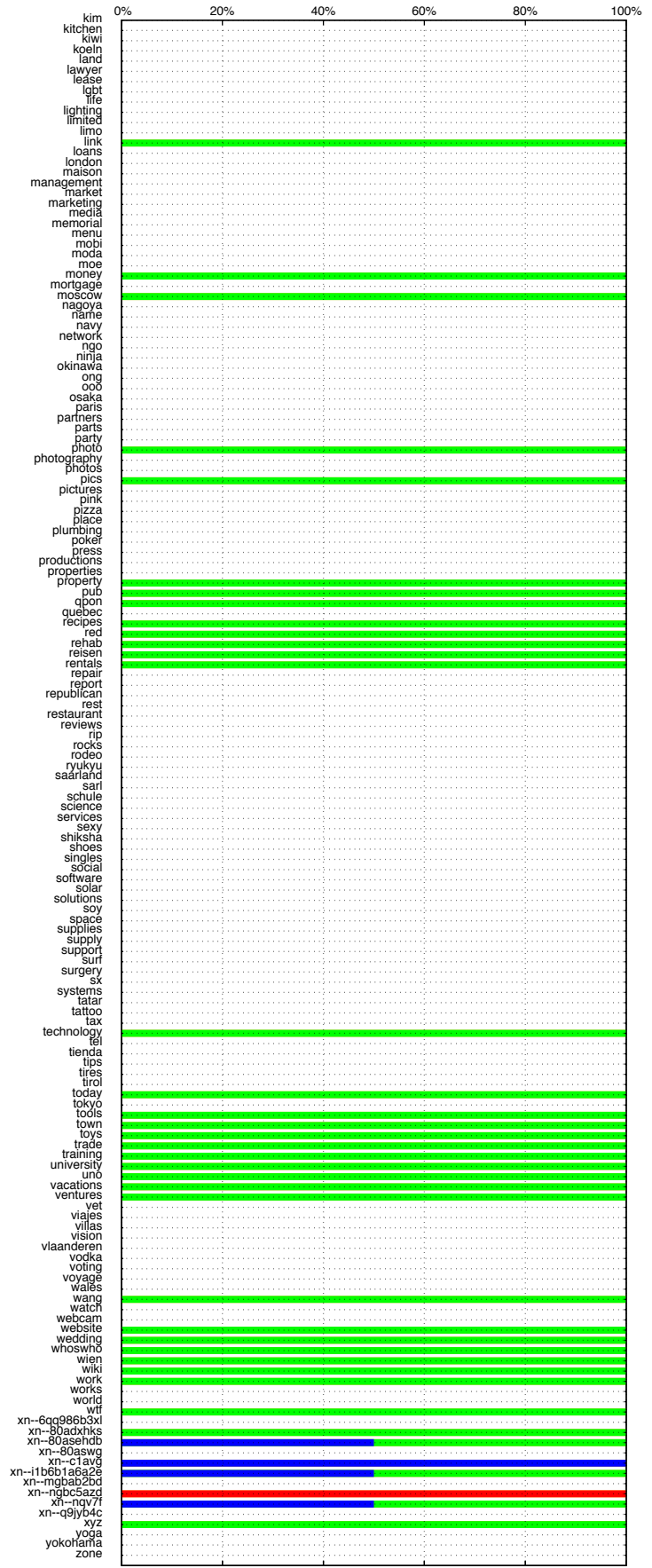
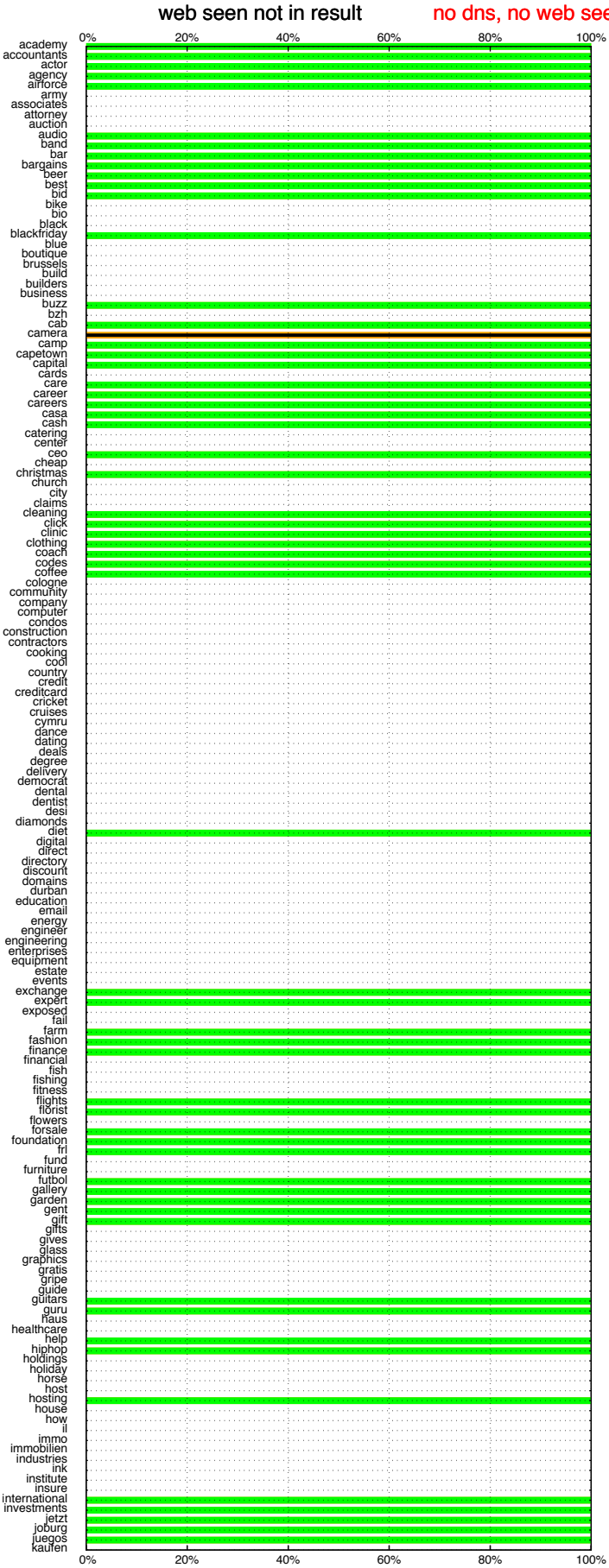
TL - East Timor - Samplecount: 762



TL - East Timor - Samplecount: 762

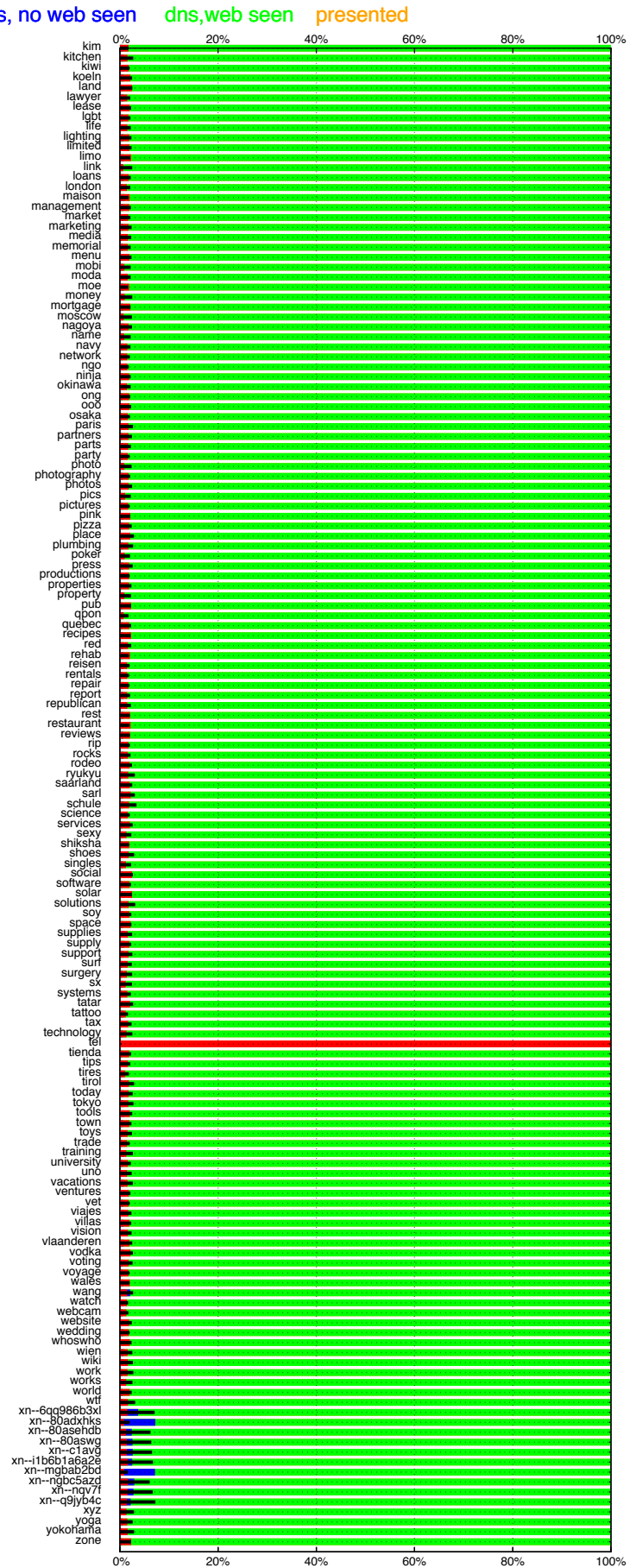
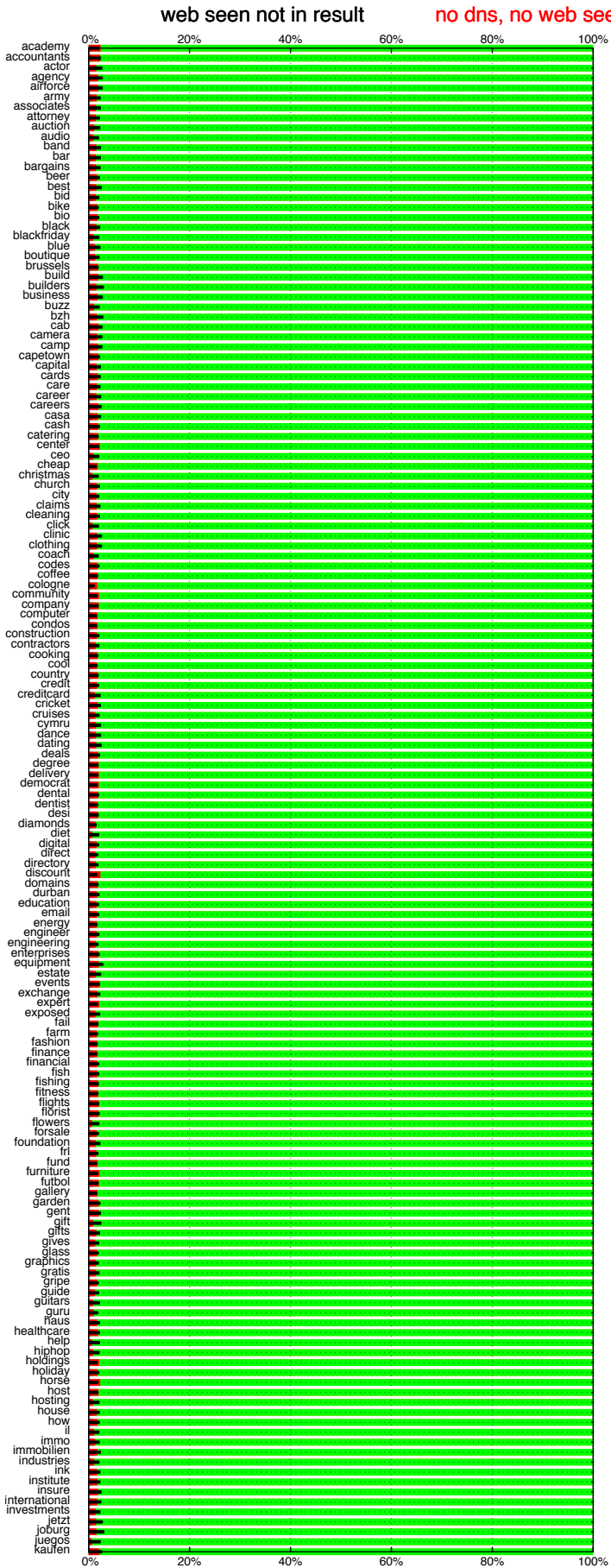


TM - Turkmenistan - Samplecount: 129



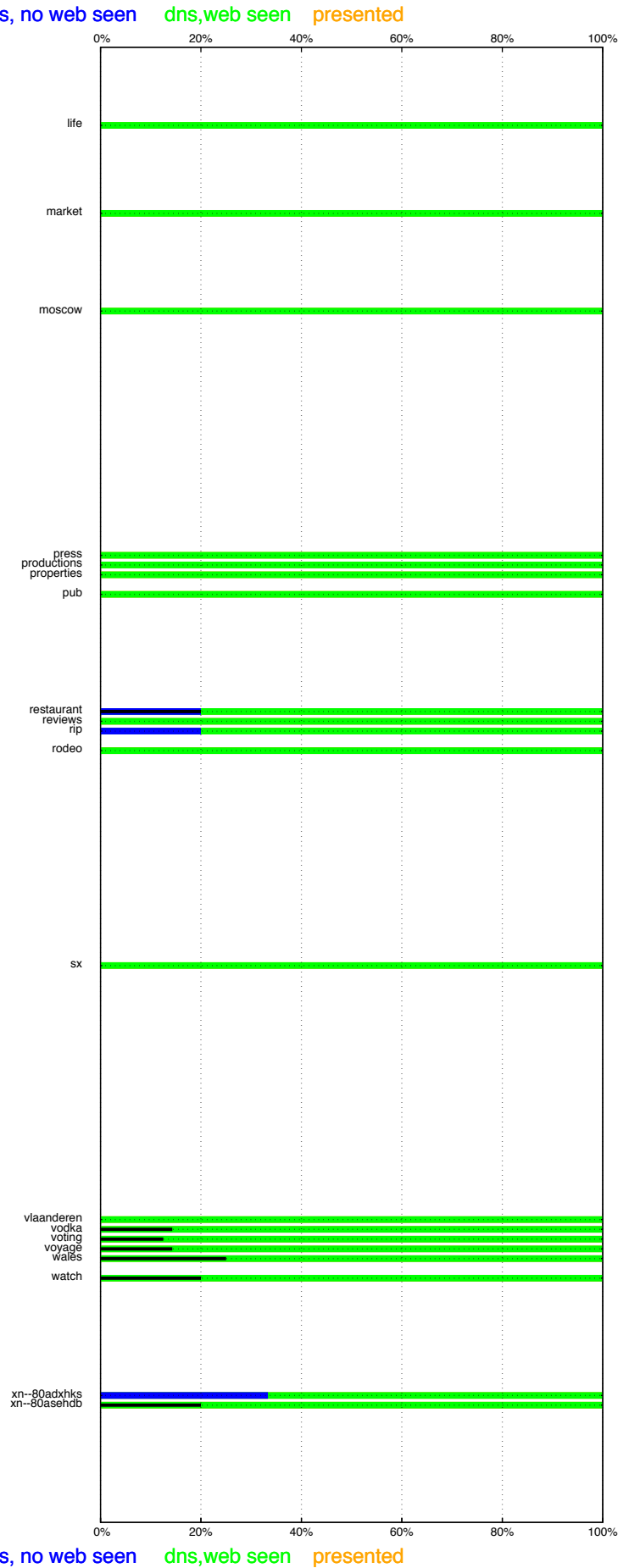
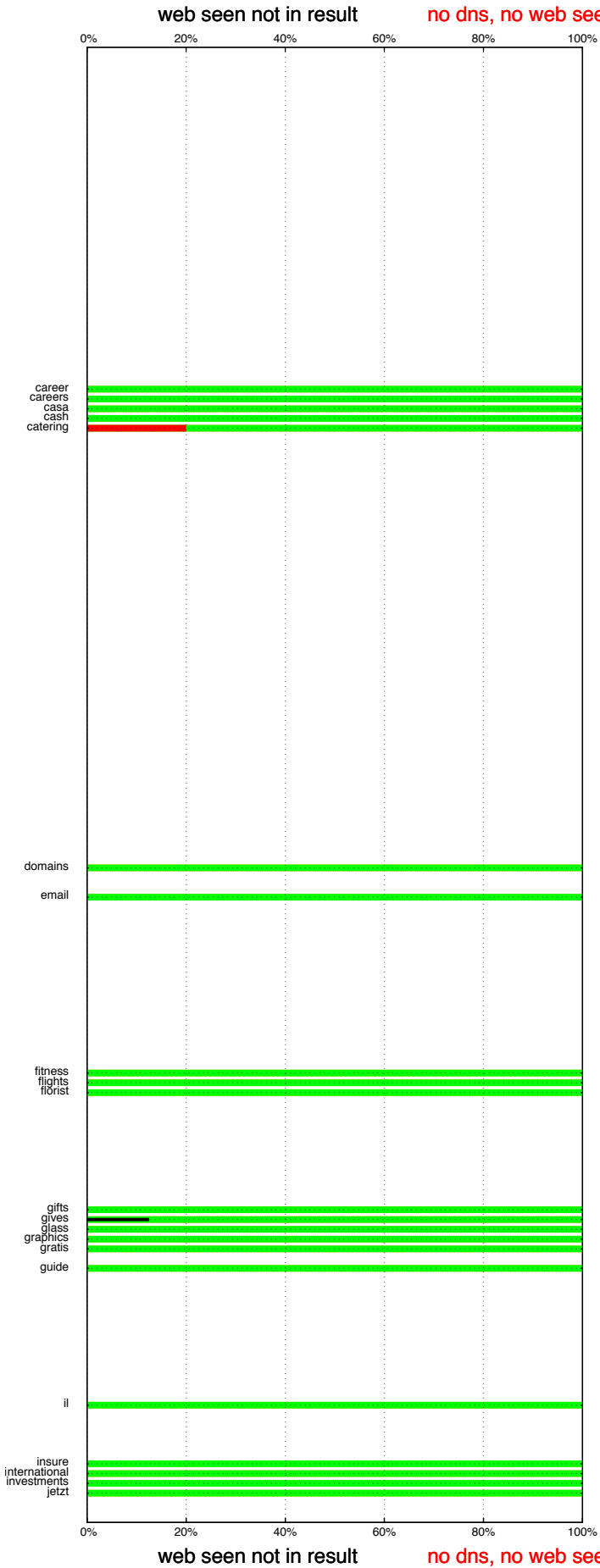
TM - Turkmenistan - Samplecount: 129

TN - Tunisia - Samplecount: 820548



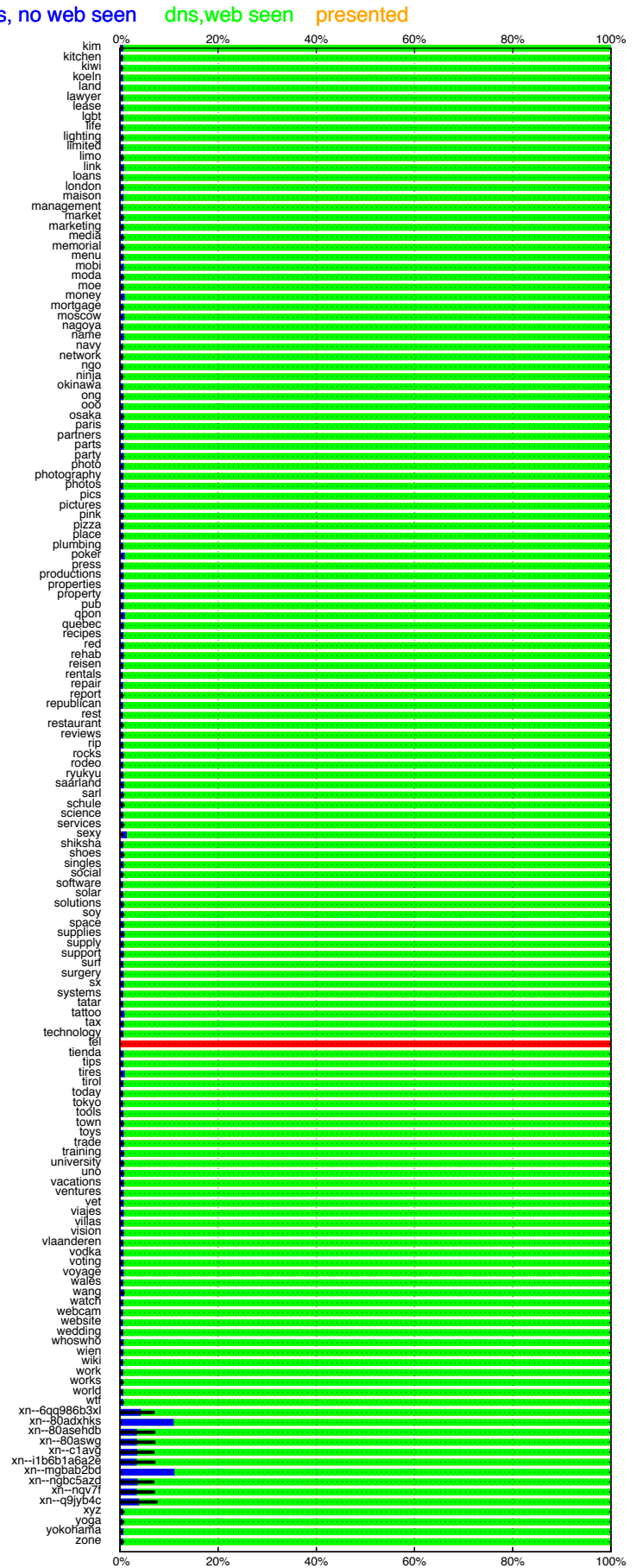
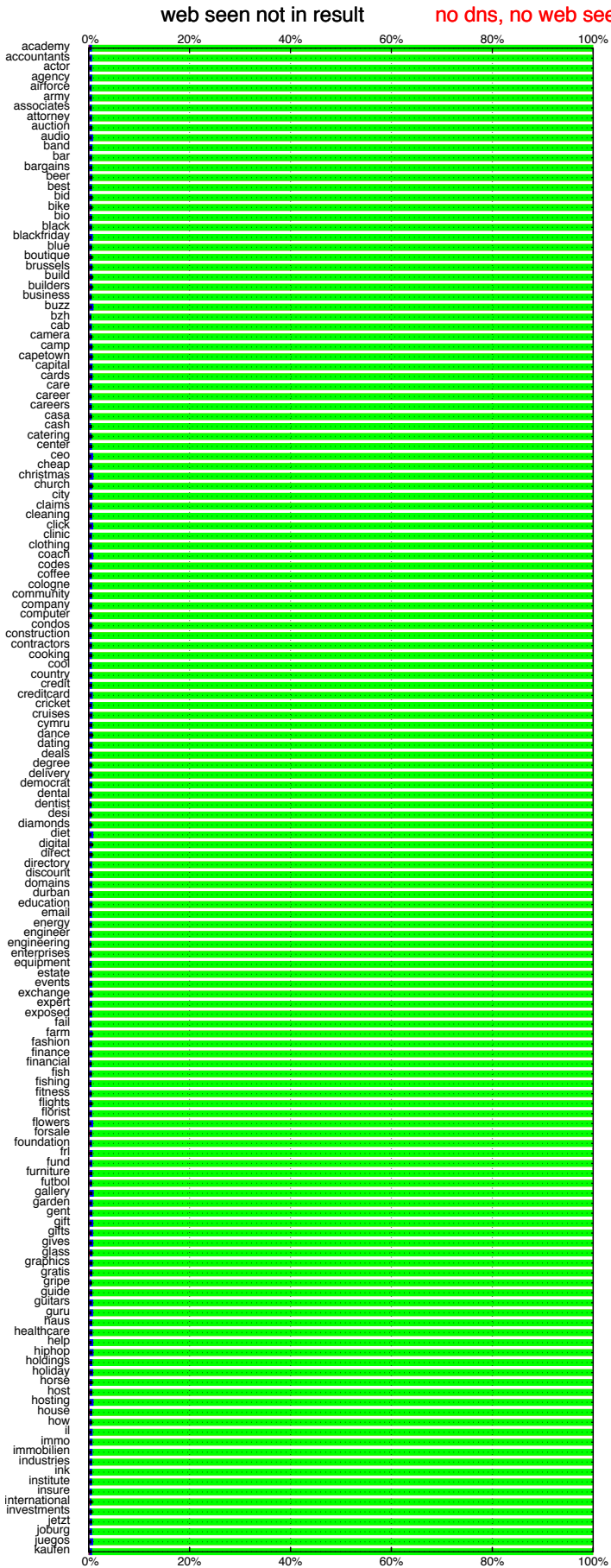
TN - Tunisia - Samplecount: 820548

TO - Tonga - Samplecount: 728



TO - Tonga - Samplecount: 728

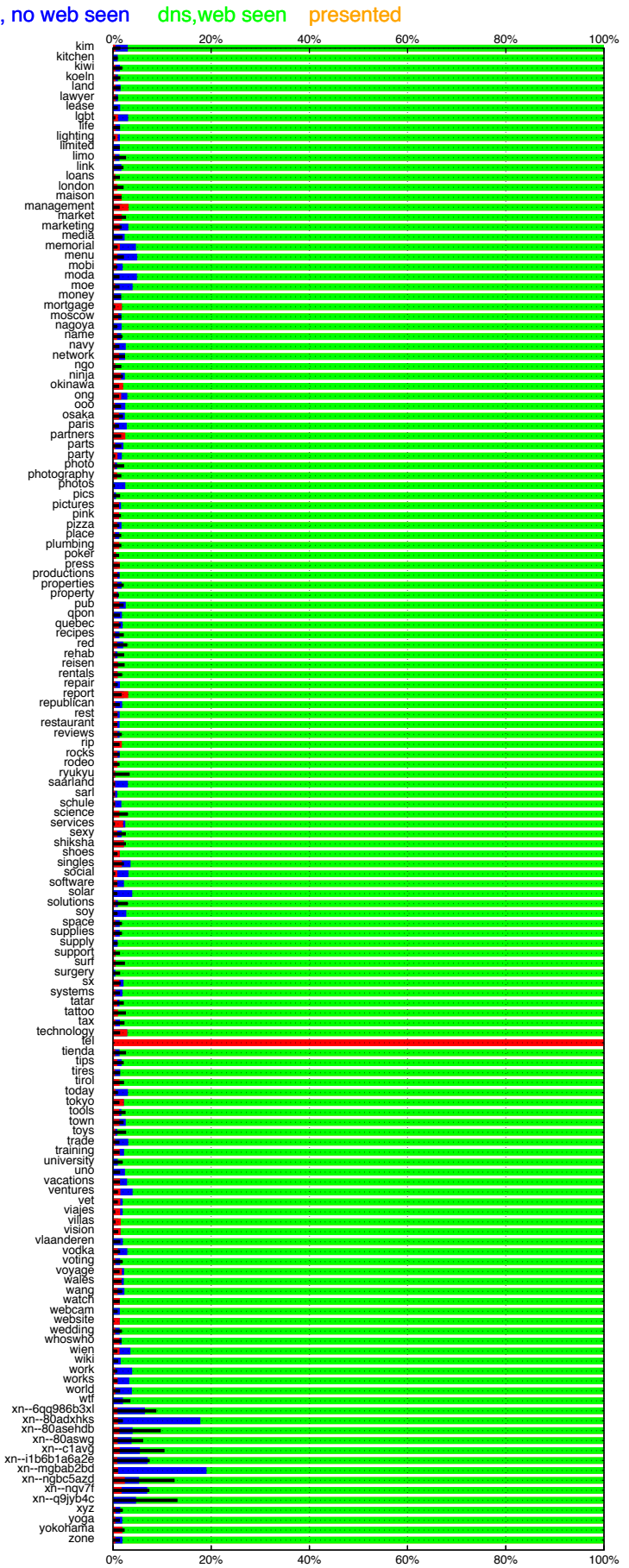
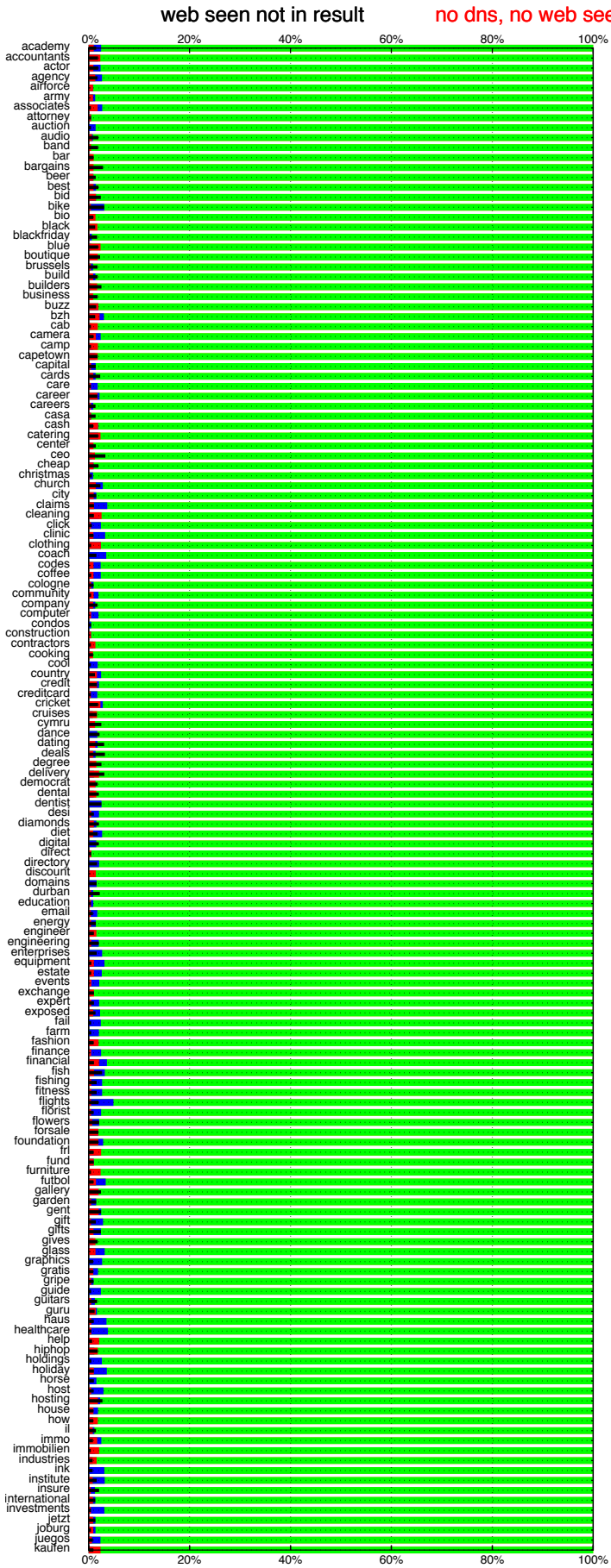
TR - Turkey - Samplecount: 3575005



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

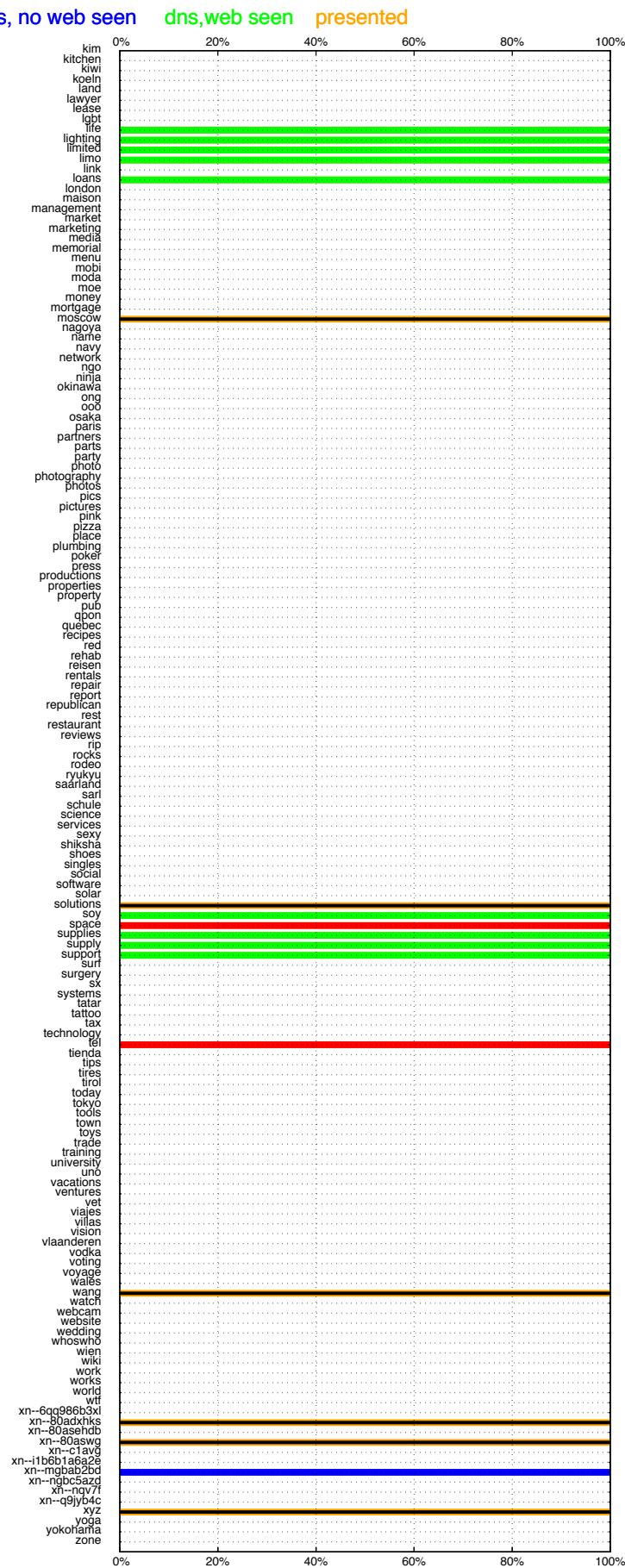
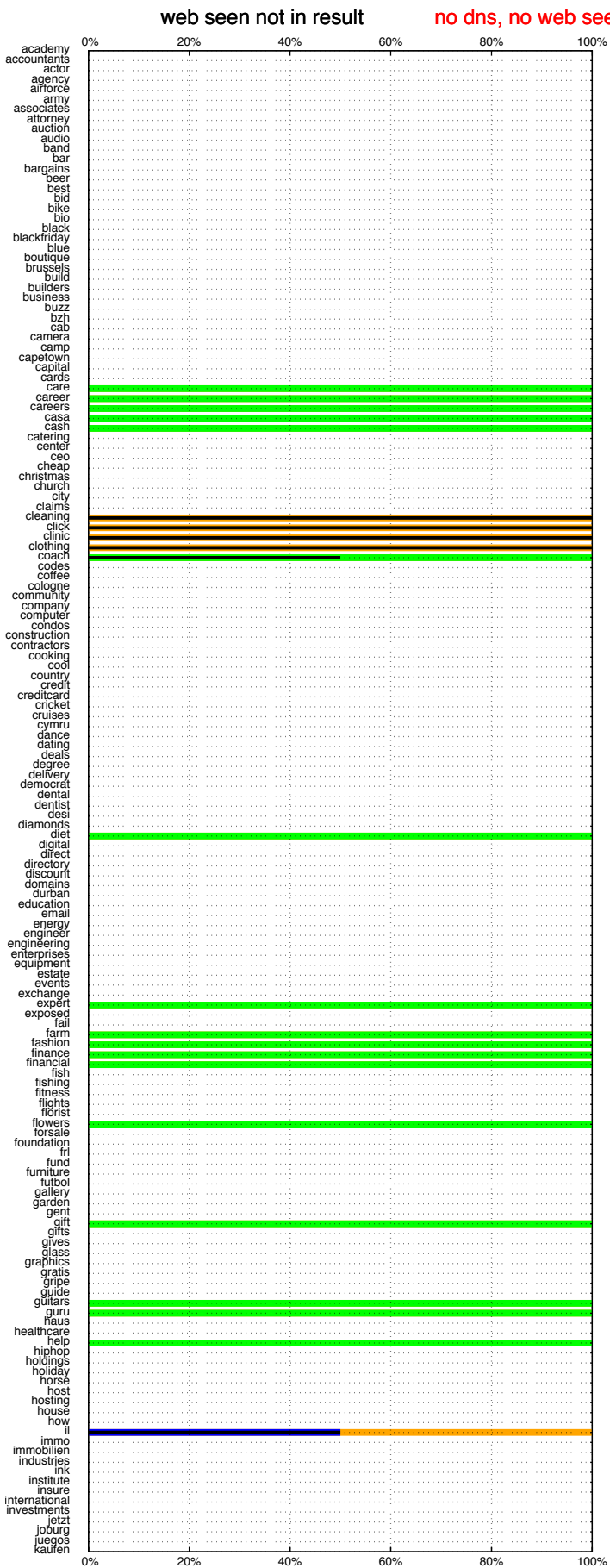
TR - Turkey - Samplecount: 3575005

TT - Trinidad nameTobago - Samplecount: 73172



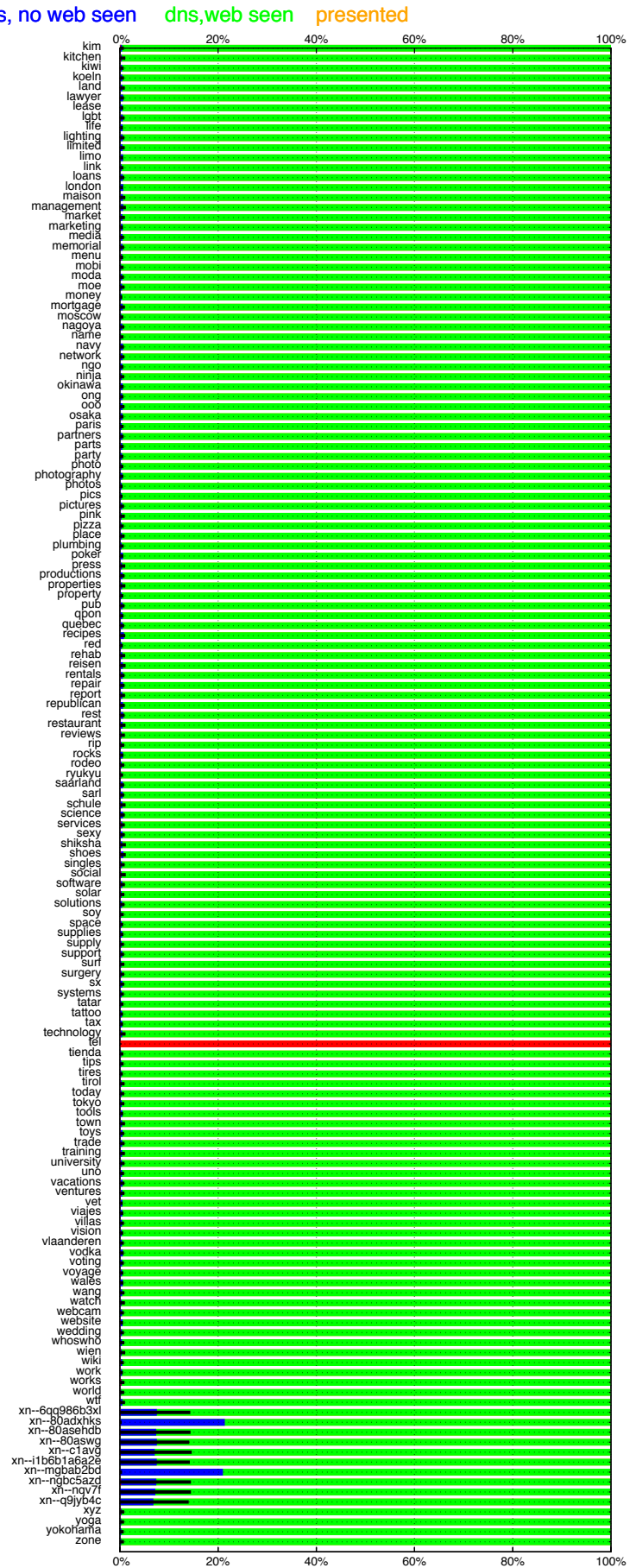
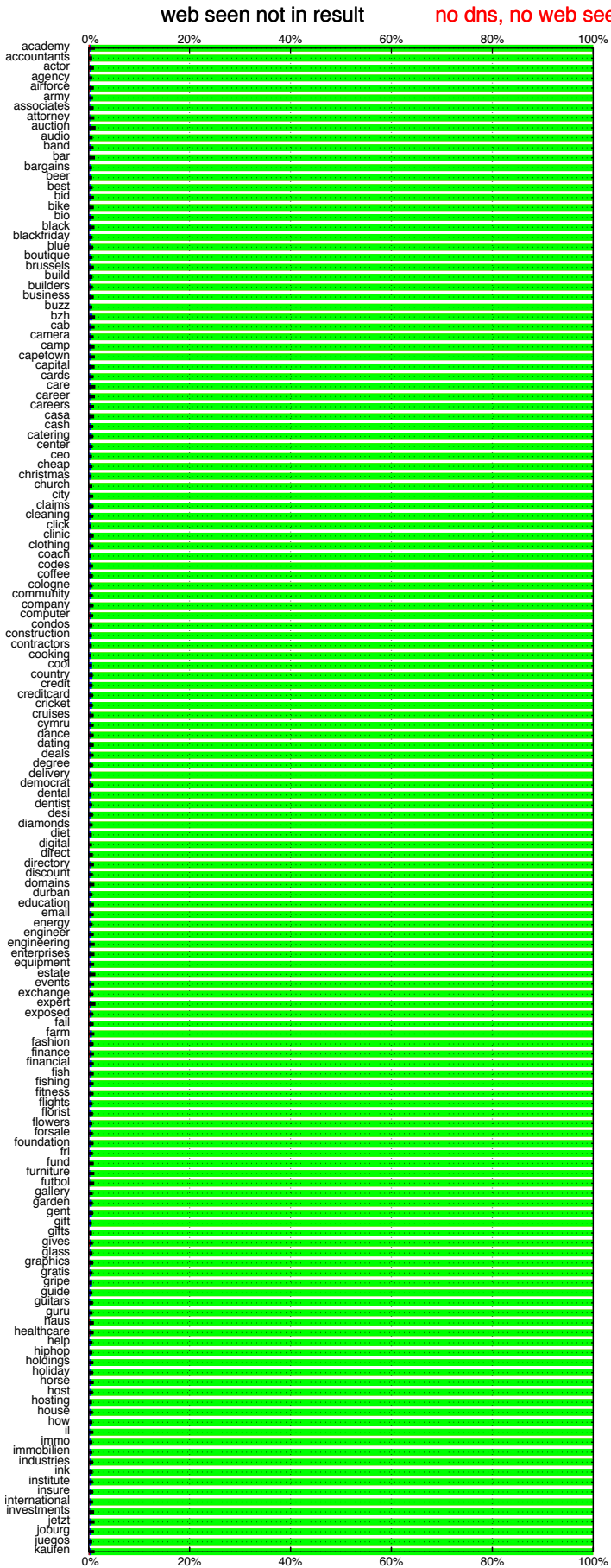
TT - Trinidad nameTobago - Samplecount: 73172

TV - Tuvalu - Samplecount: 33



TV - Tuvalu - Samplecount: 33

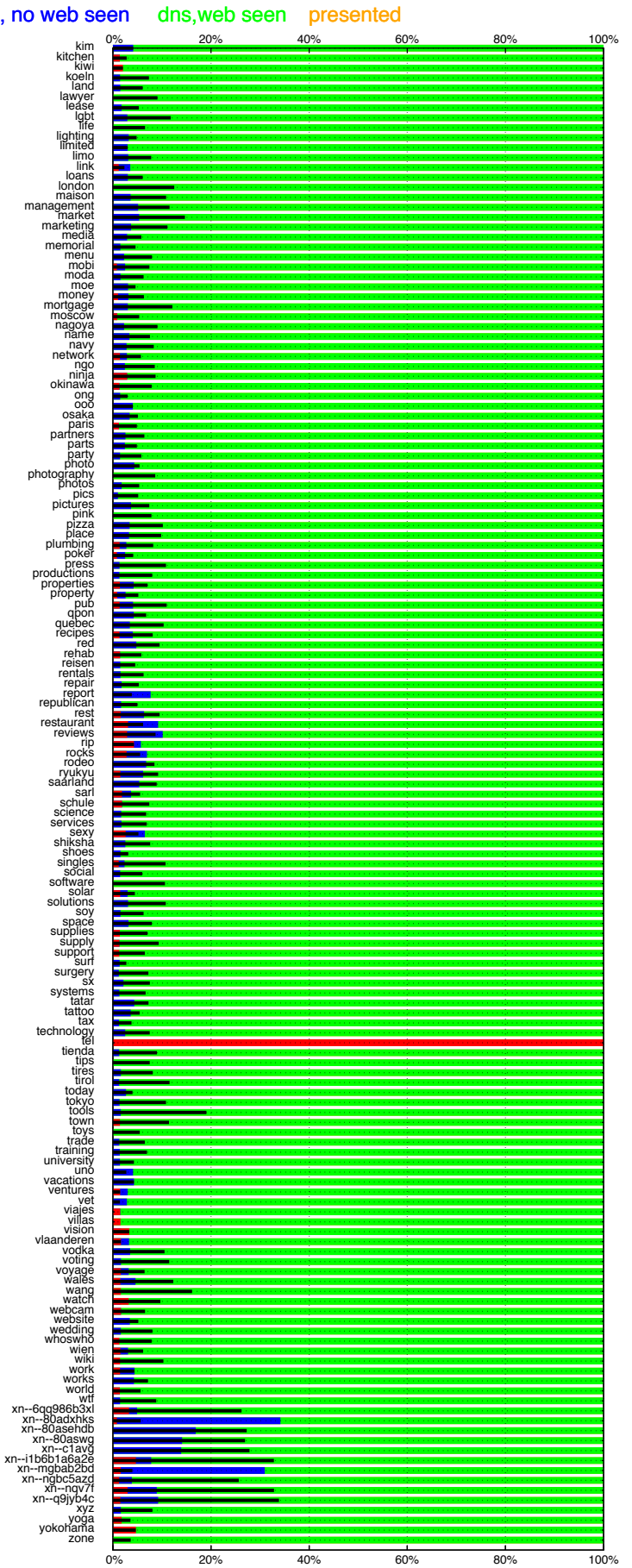
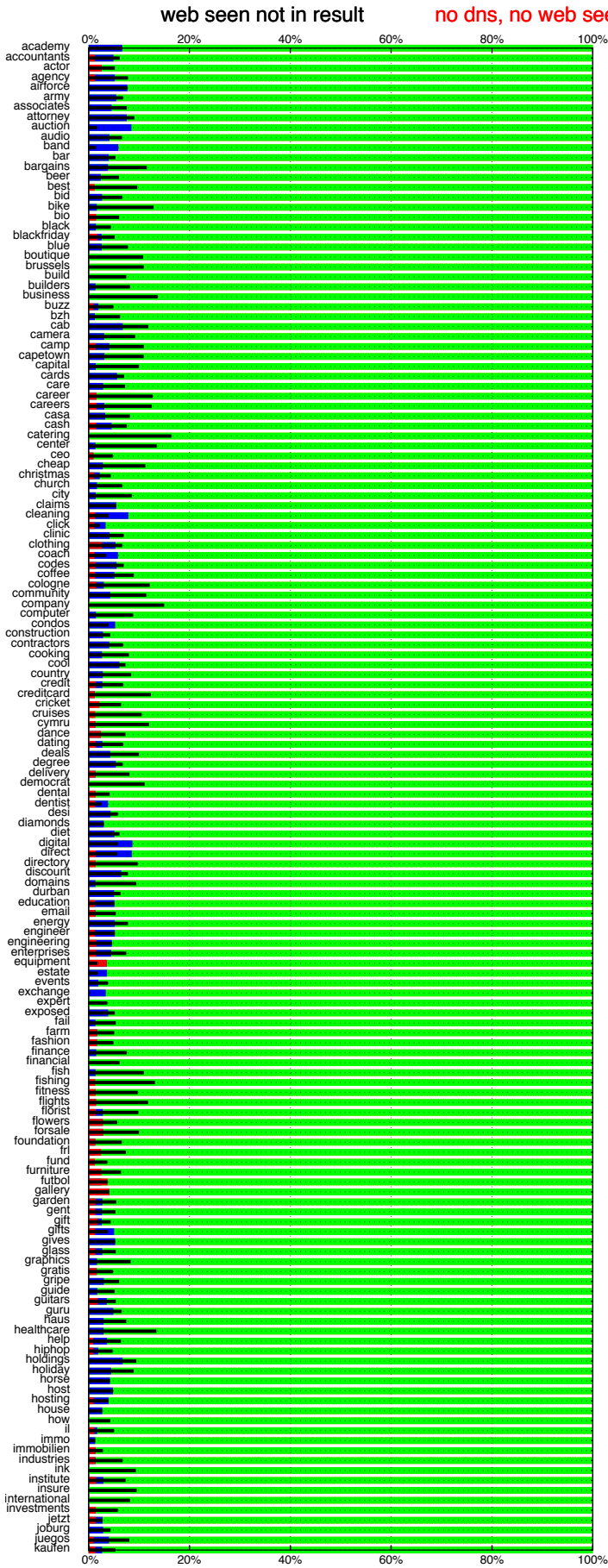
TW - Taiwan - Samplecount: 1213039



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

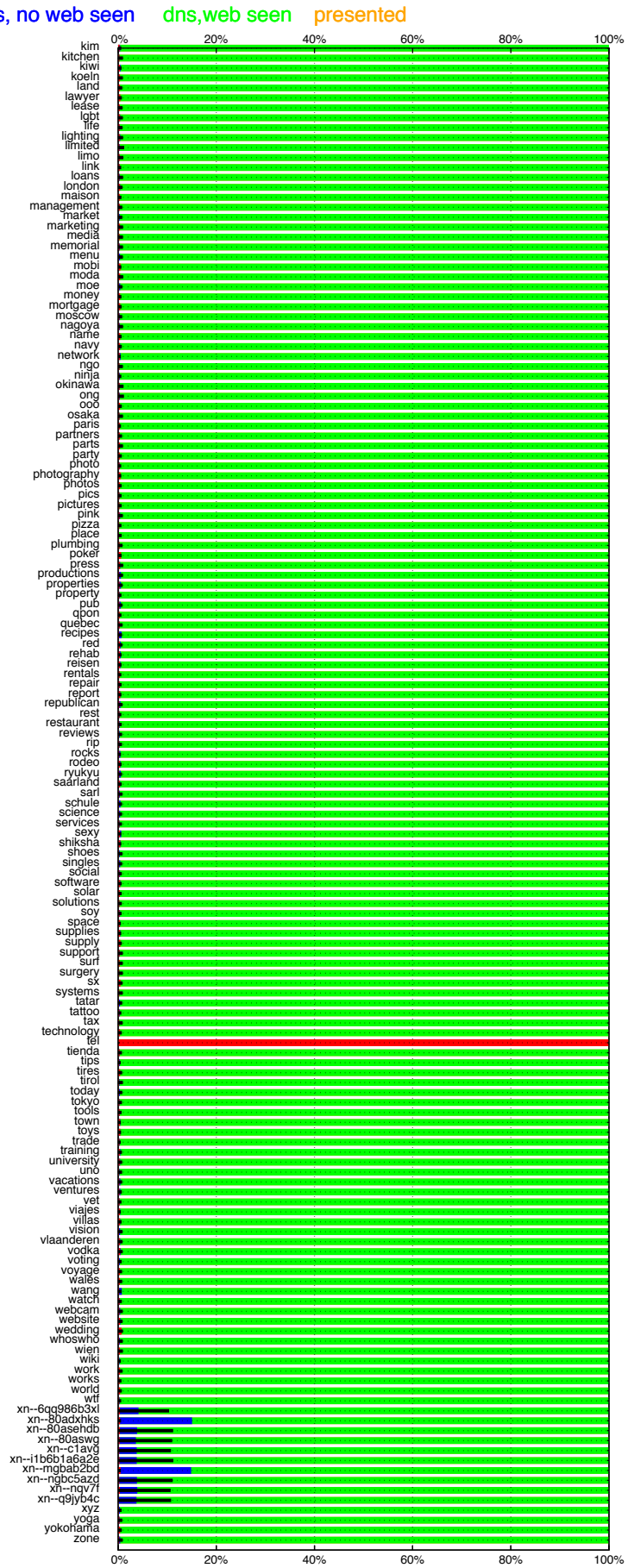
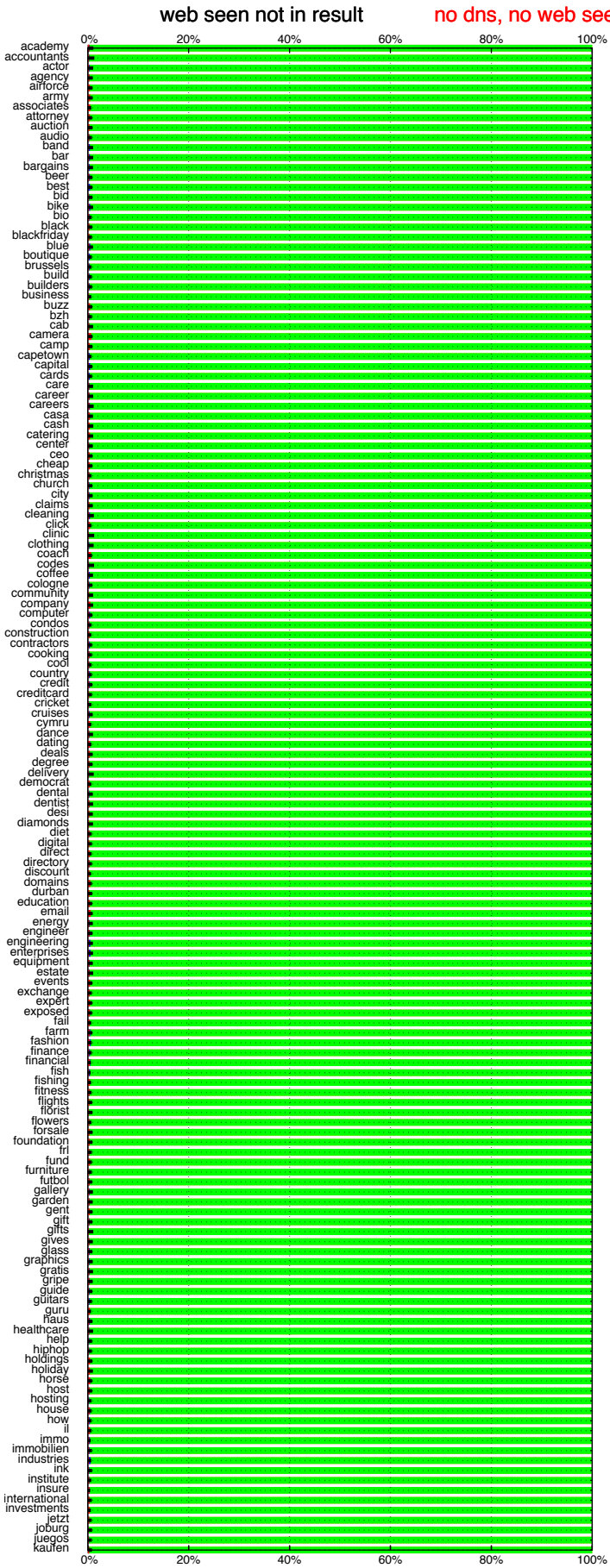
TW - Taiwan - Samplecount: 1213039

TZ - Tanzania - Samplecount: 20879



TZ - Tanzania - Samplecount: 20879

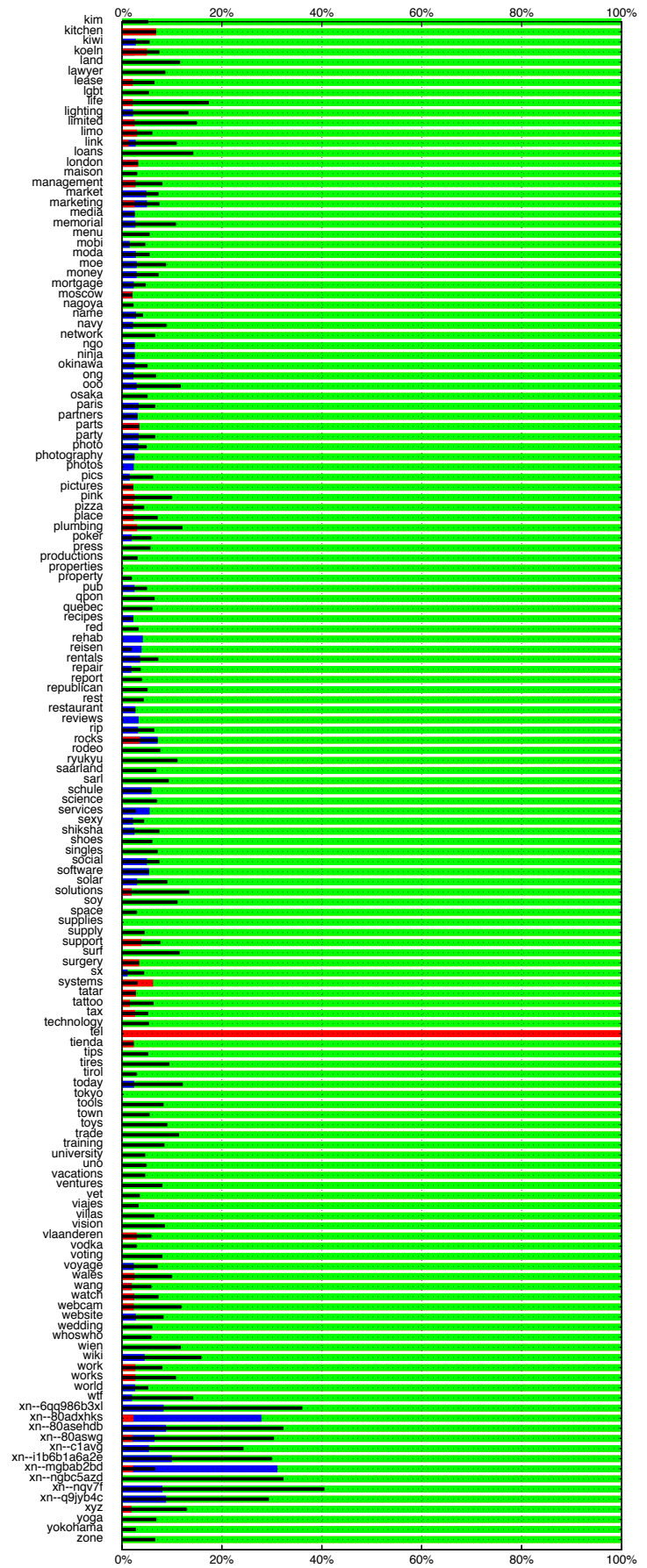
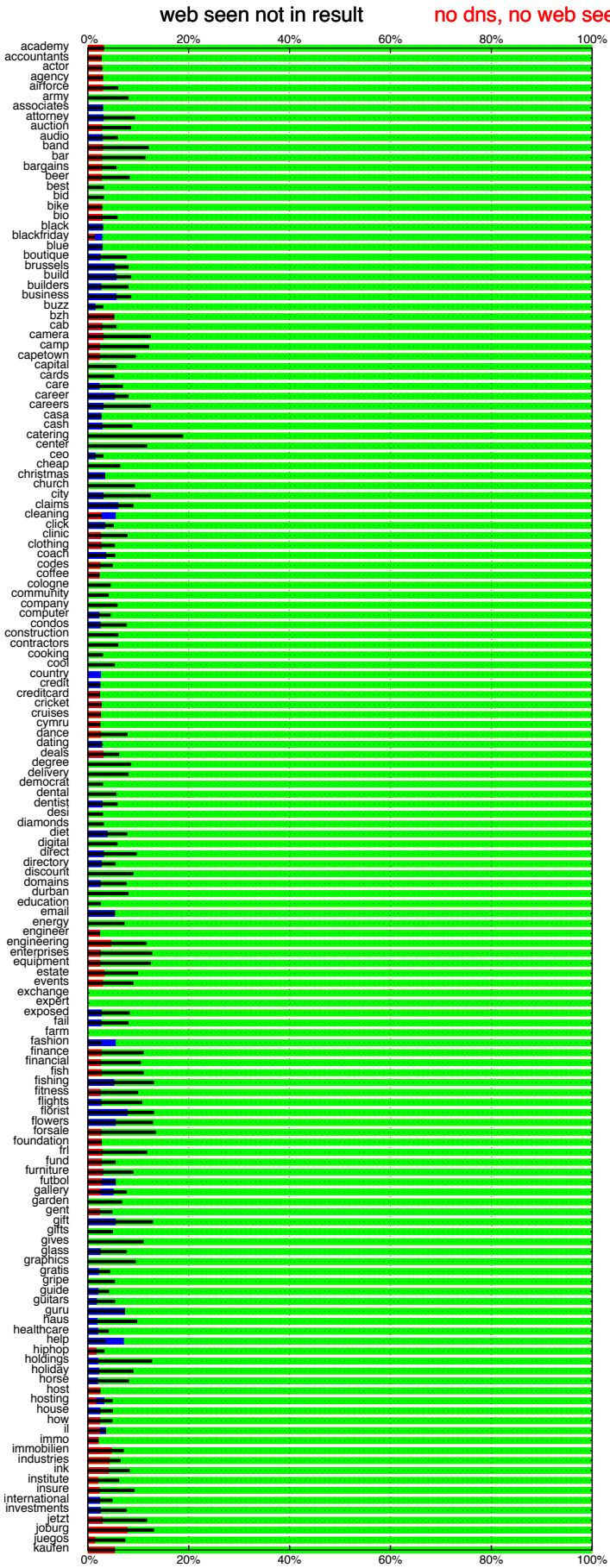
UA - Ukraine - Samplecount: 1449818



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

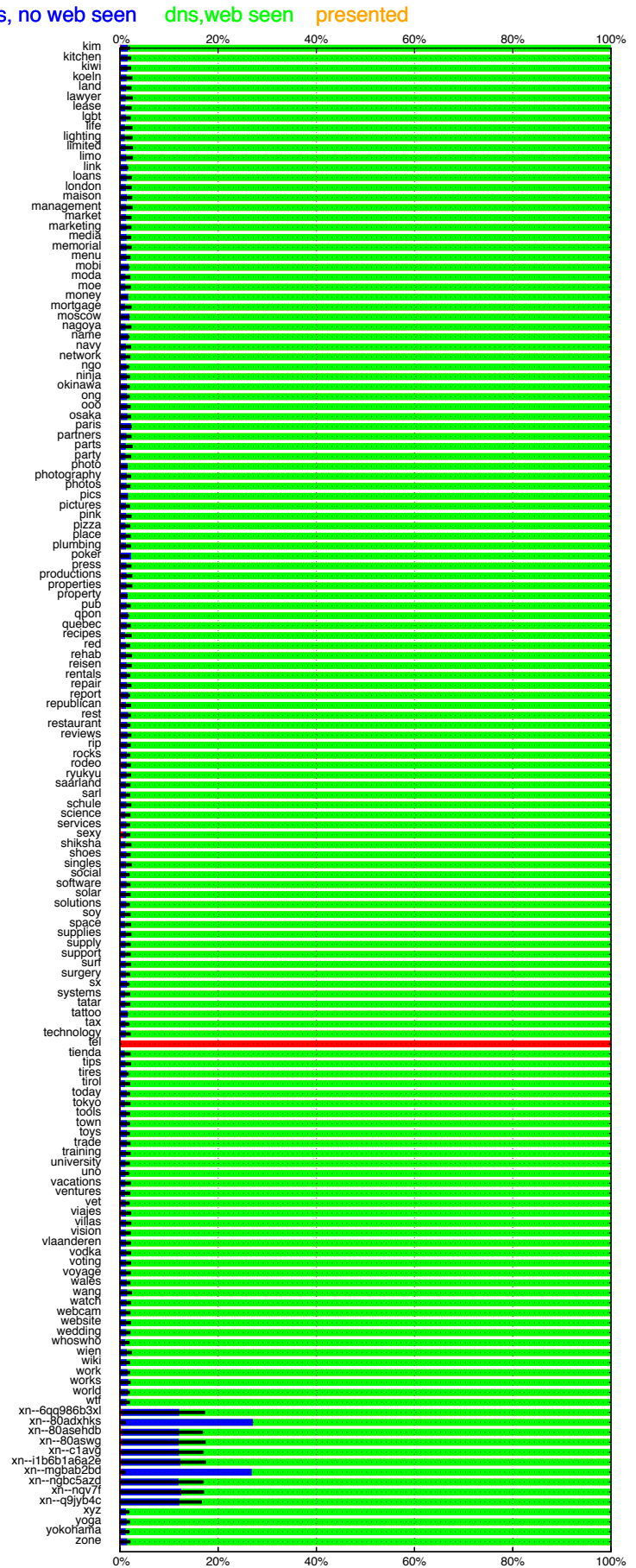
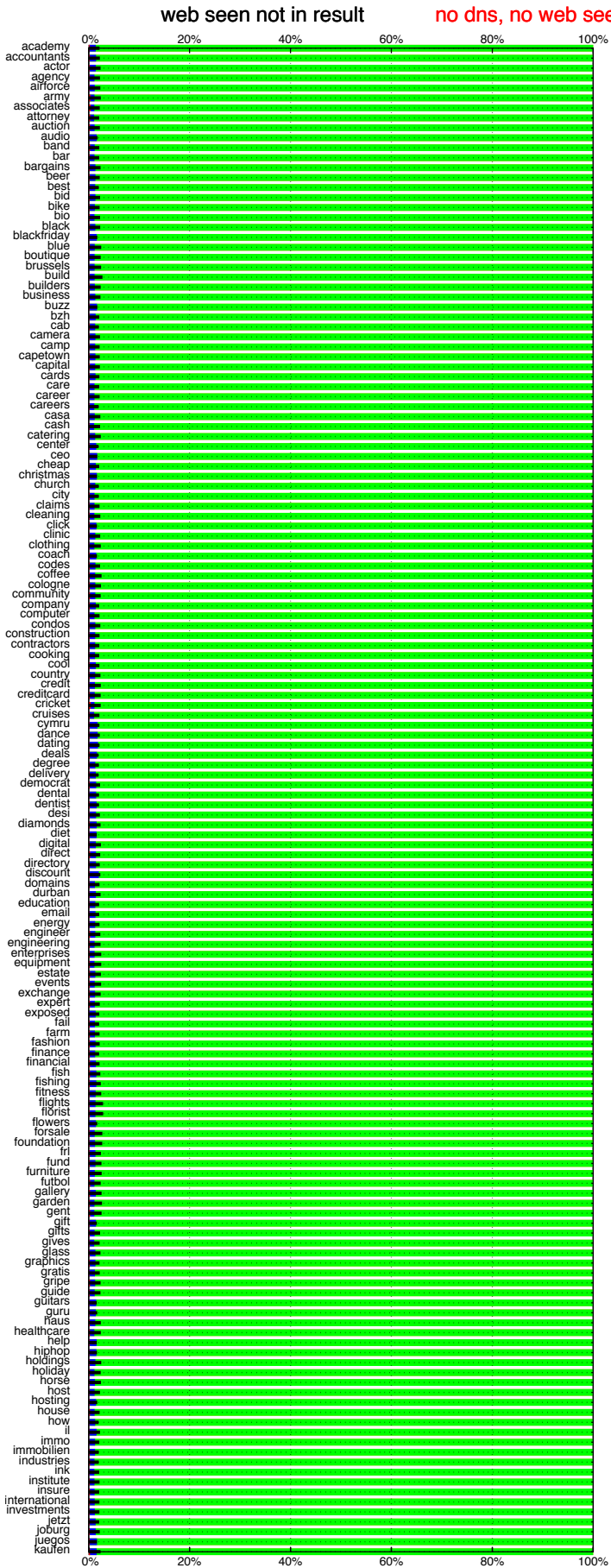
UA - Ukraine - Samplecount: 1449818

UG - Uganda - Samplecount: 11280



UG - Uganda - Samplecount: 11280

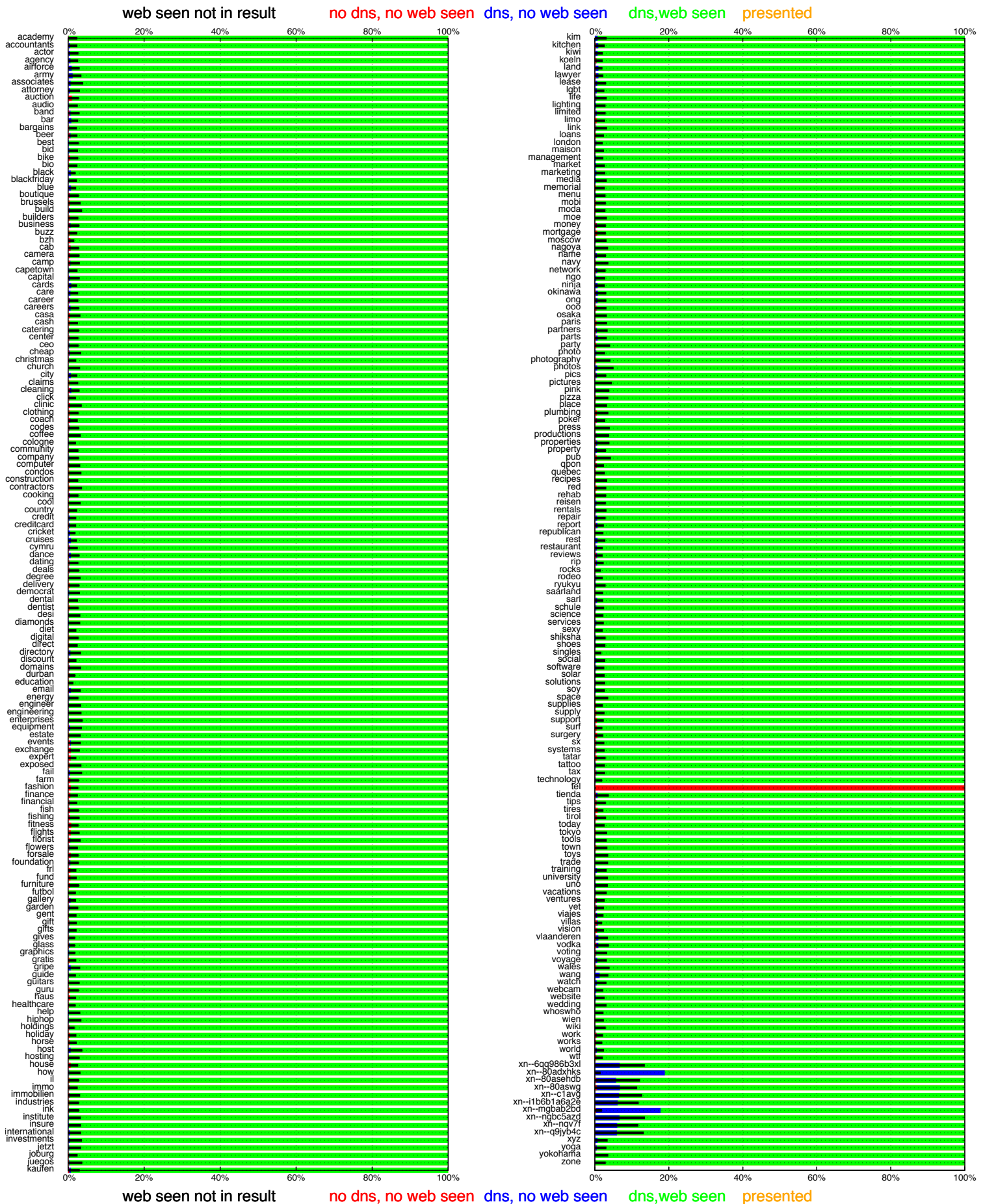
US - United States - Samplecount: 2836413



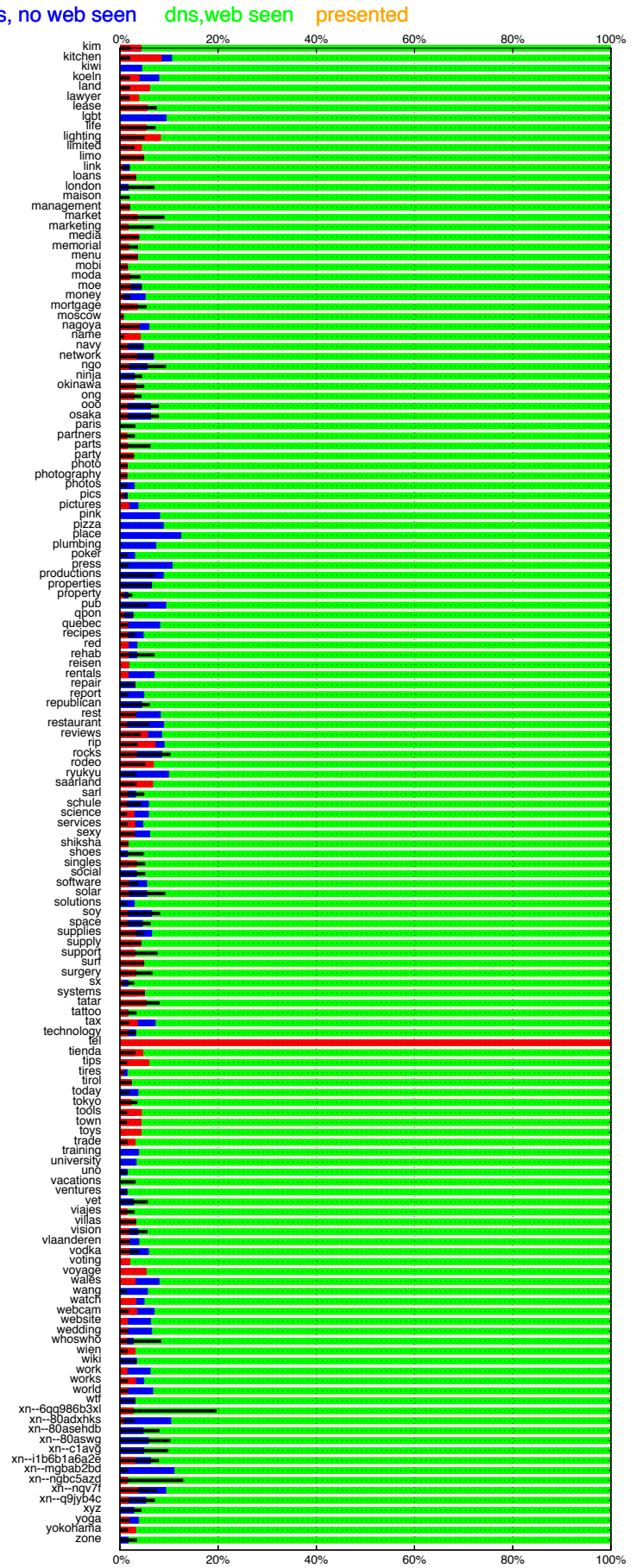
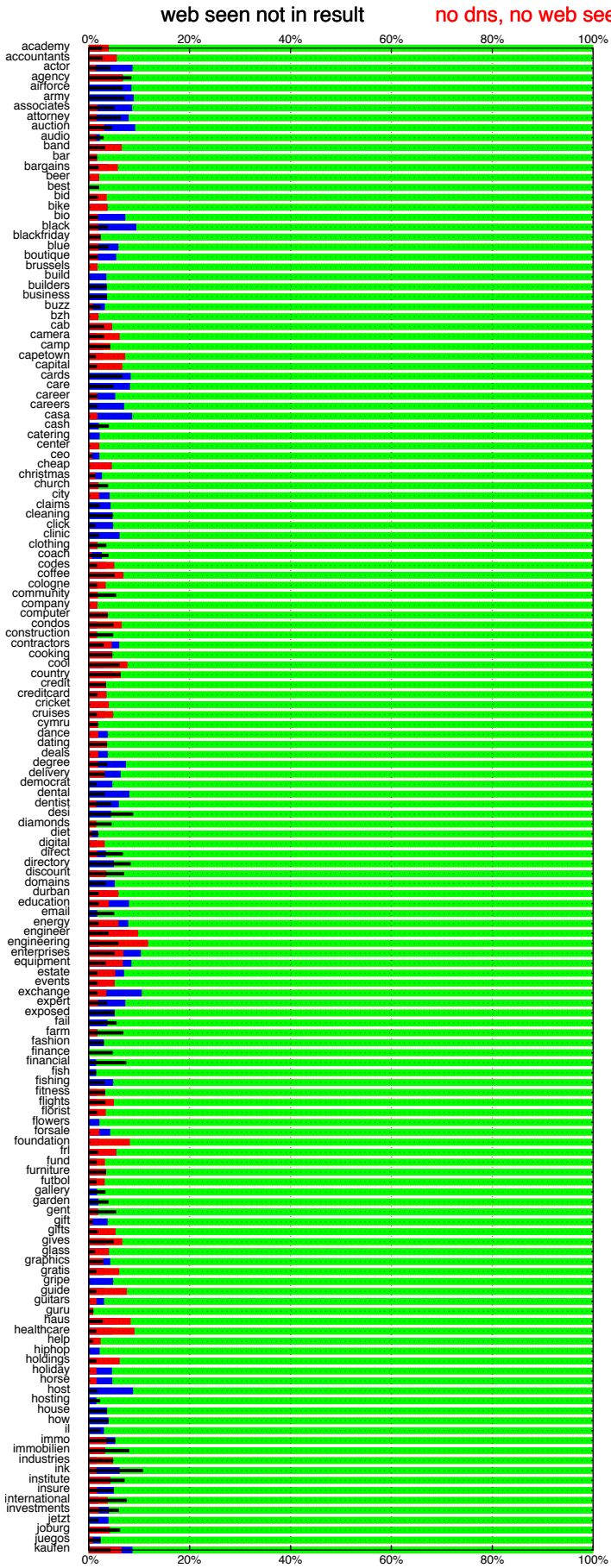
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US - United States - Samplecount: 2836413

UY - Uruguay - Samplecount: 330702

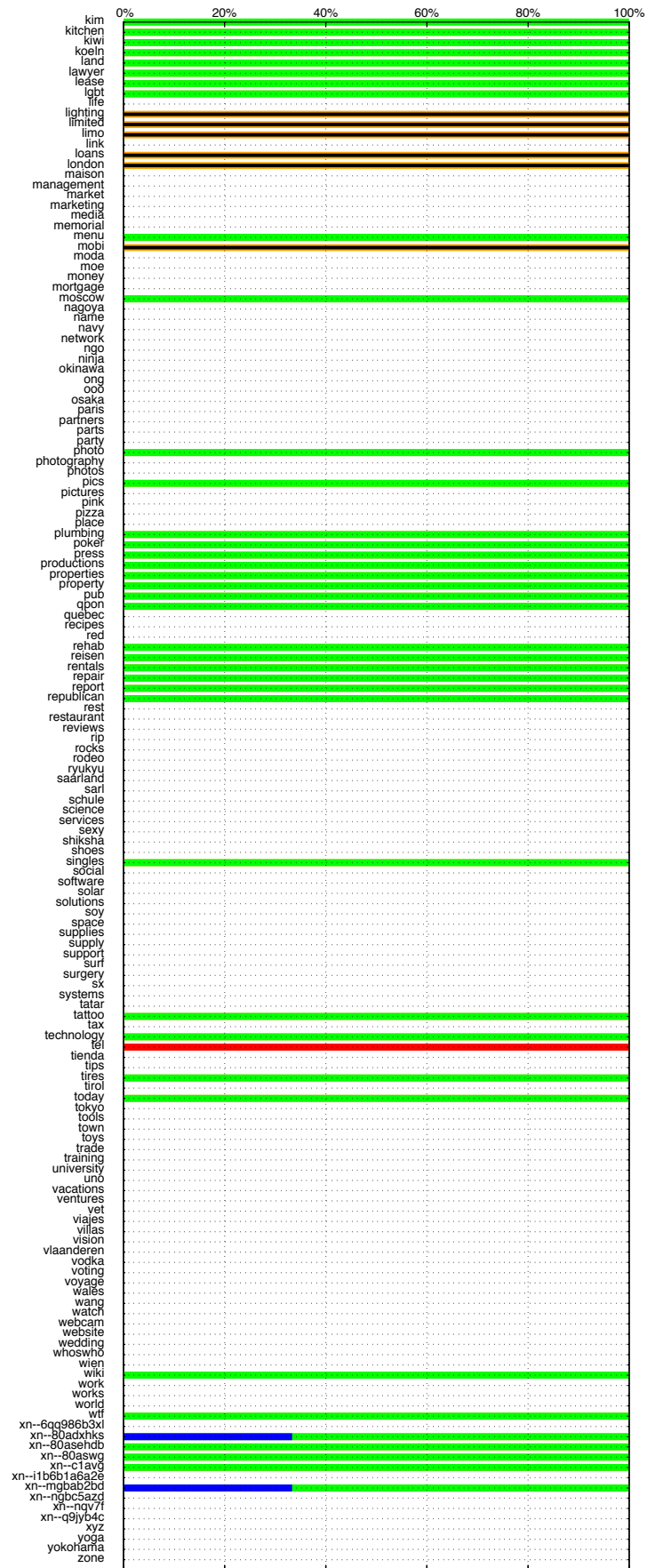
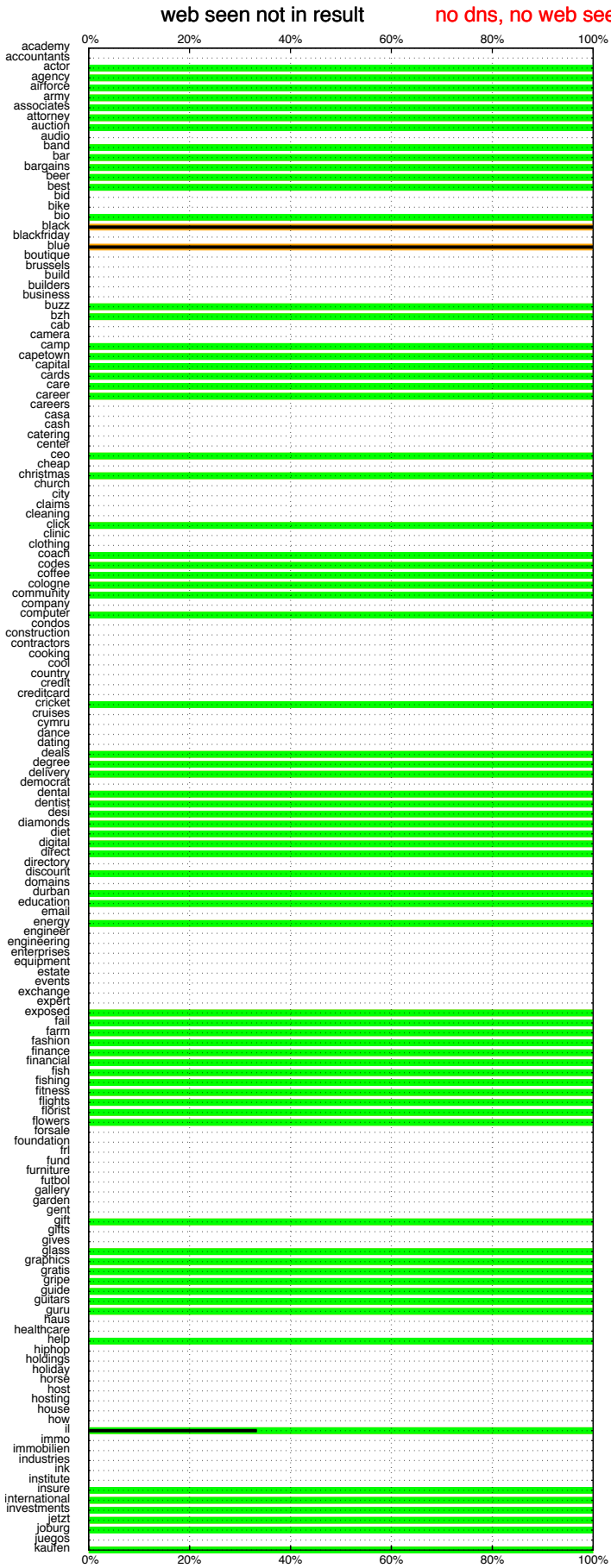


UZ - Uzbekistan - Samplecount: 19695



UZ - Uzbekistan - Samplecount: 19695

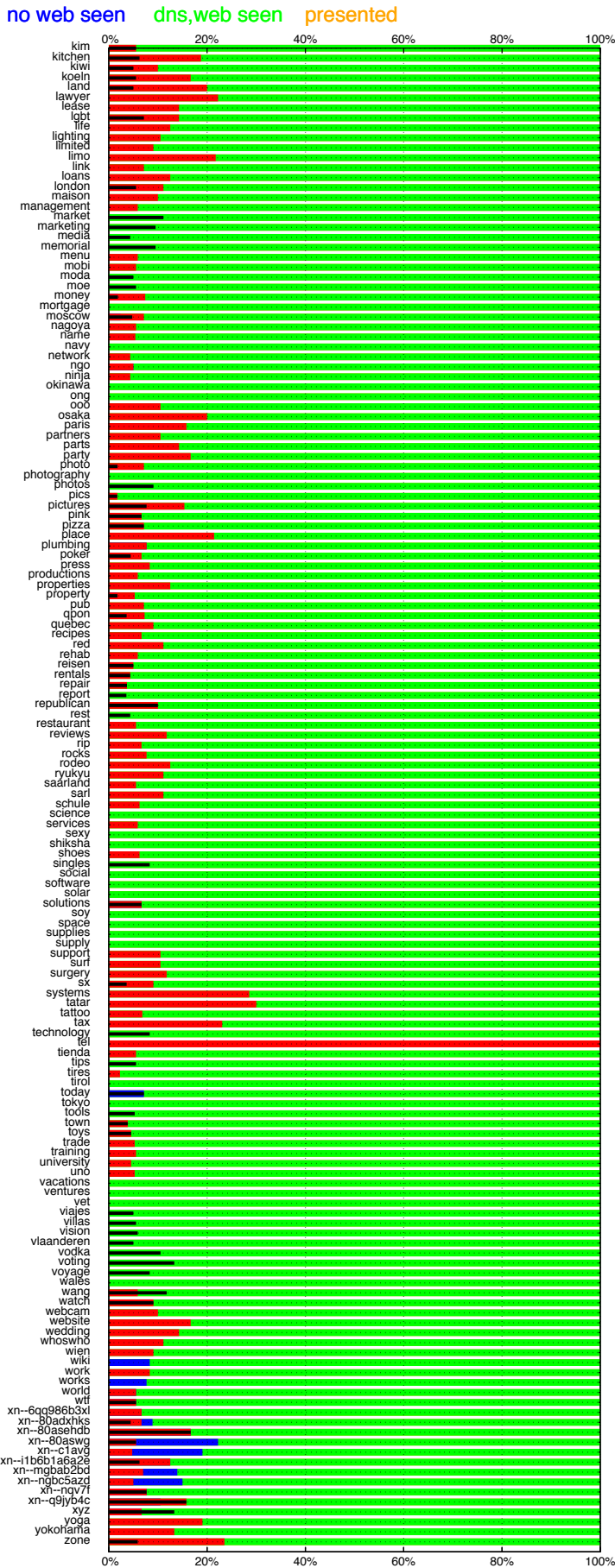
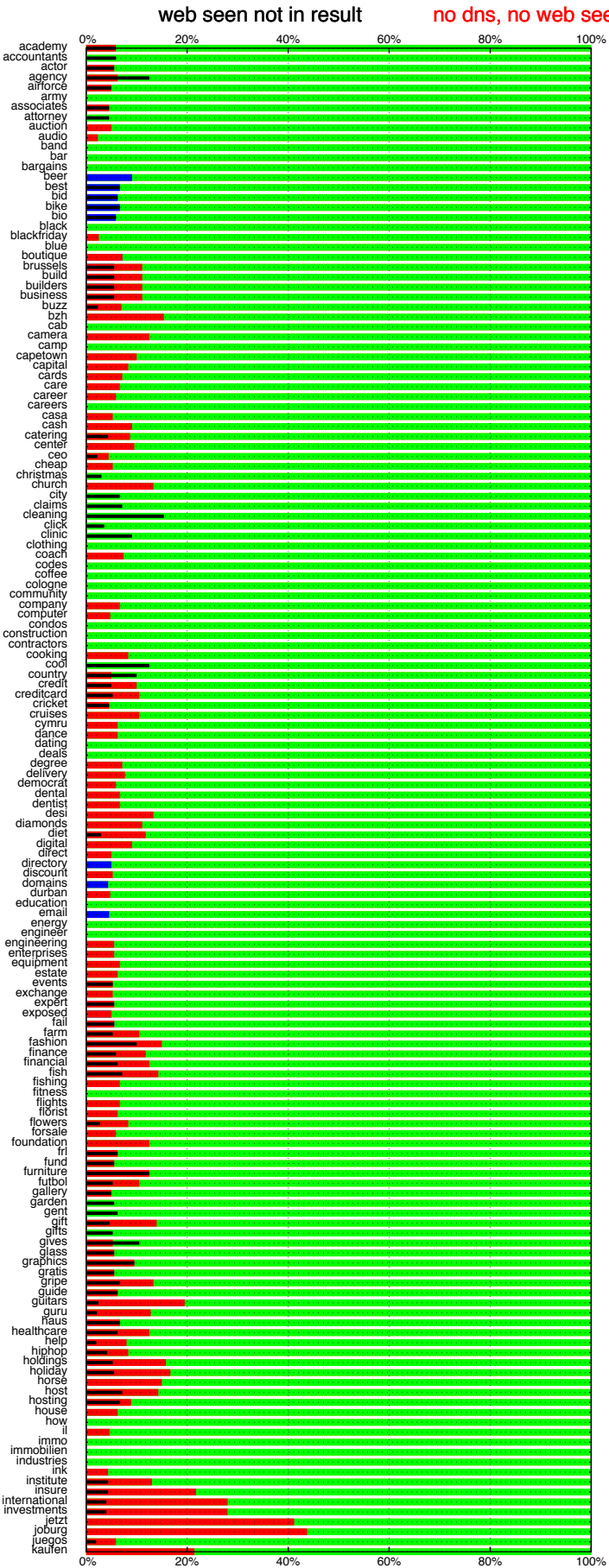
VA - Vatican City - Samplecount: 141



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

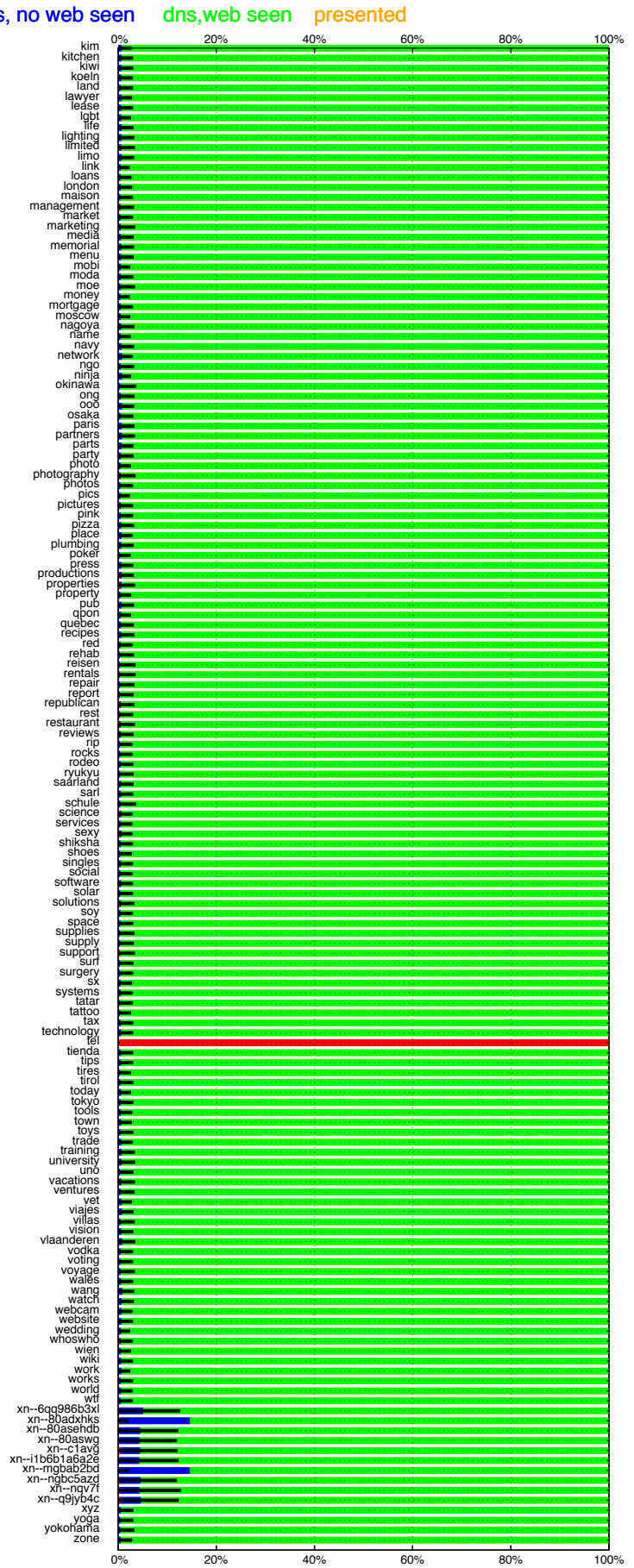
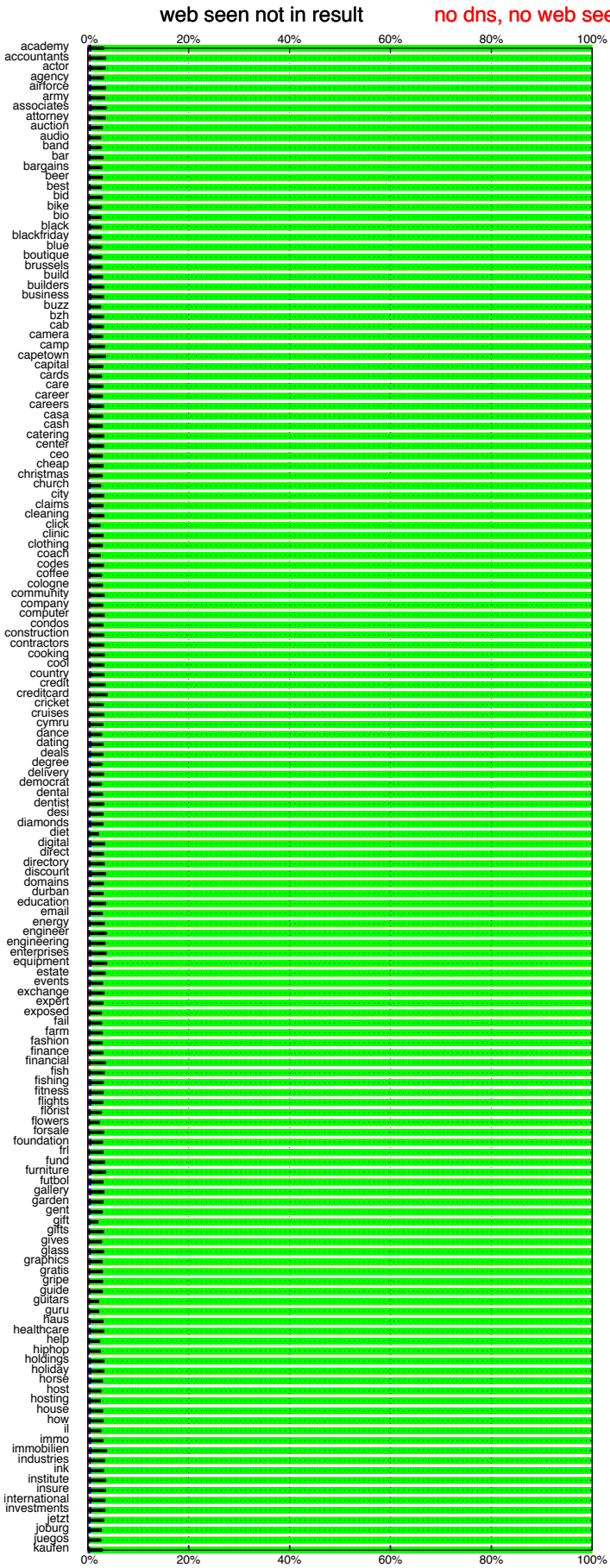
VA - Vatican City - Samplecount: 141

VC - St Vincent - Samplecount: 5915



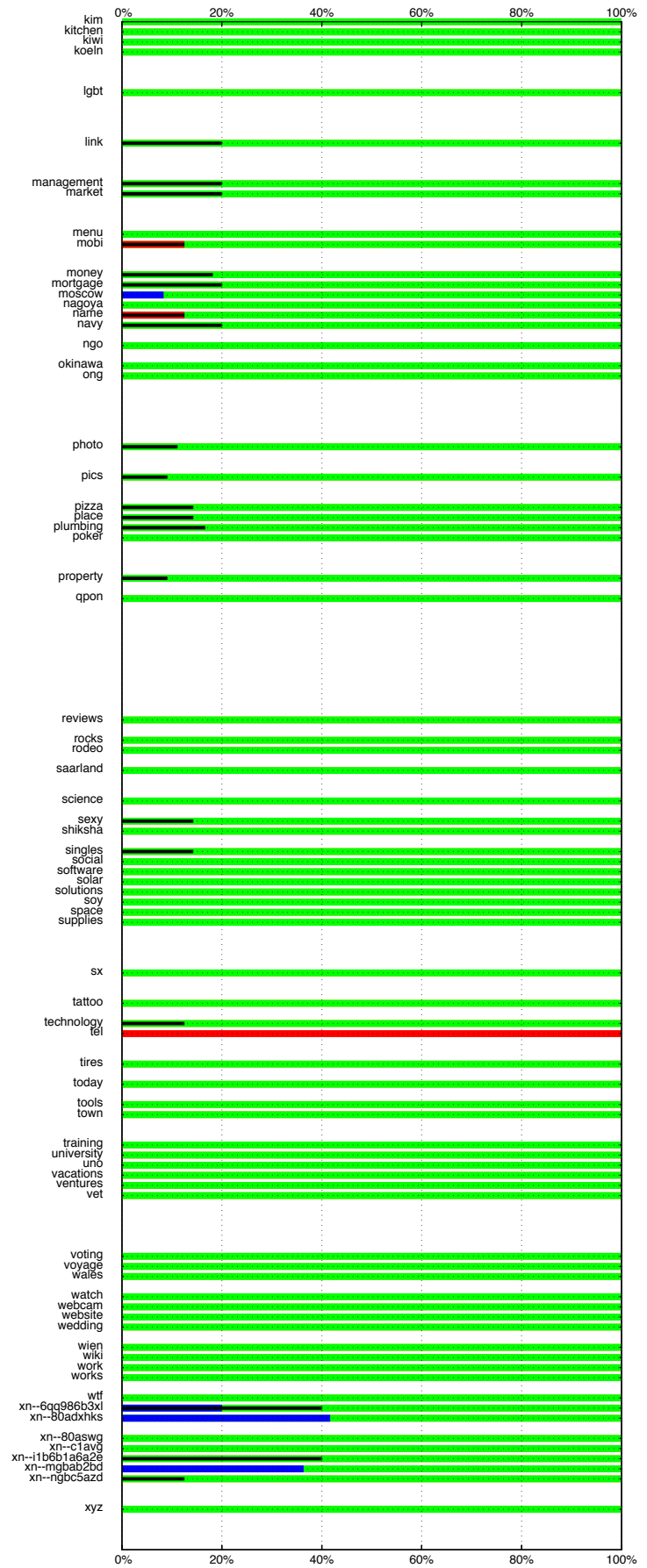
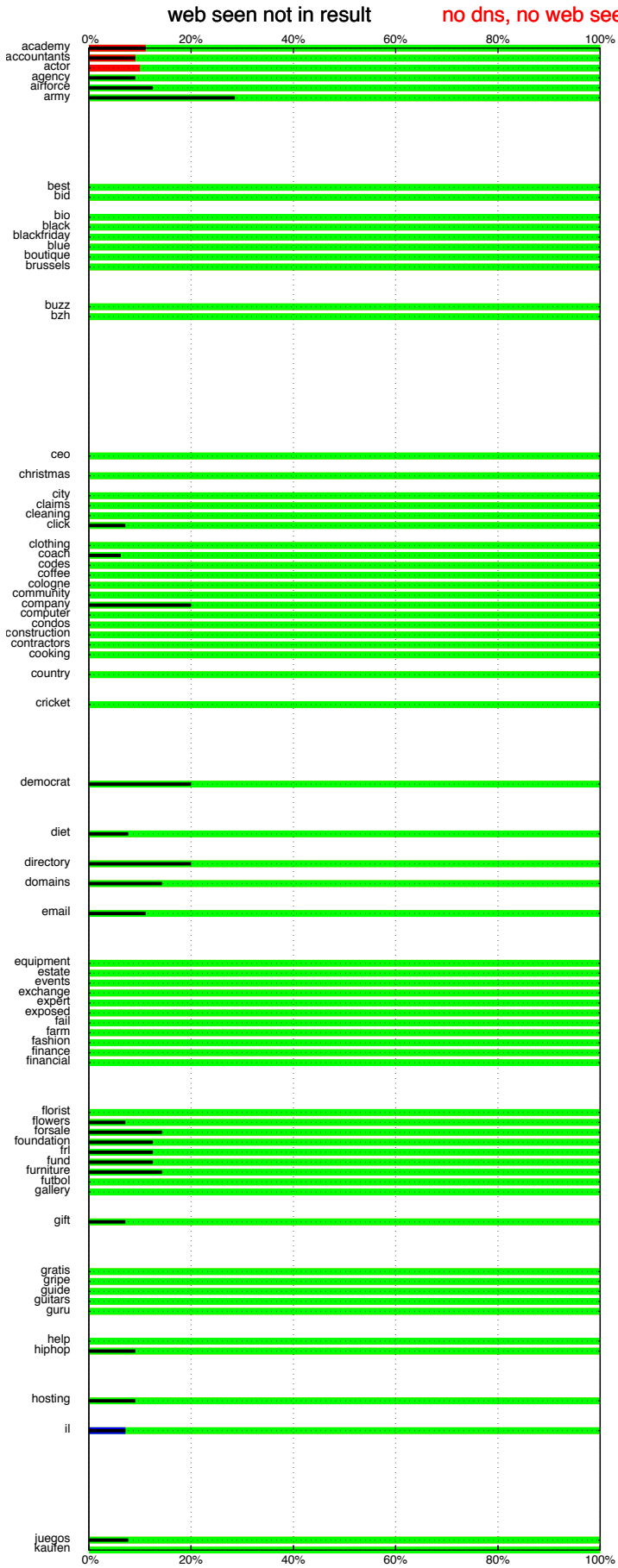
VC - St Vincent - Samplecount: 5915

VE - Venezuela - Samplecount: 2091768



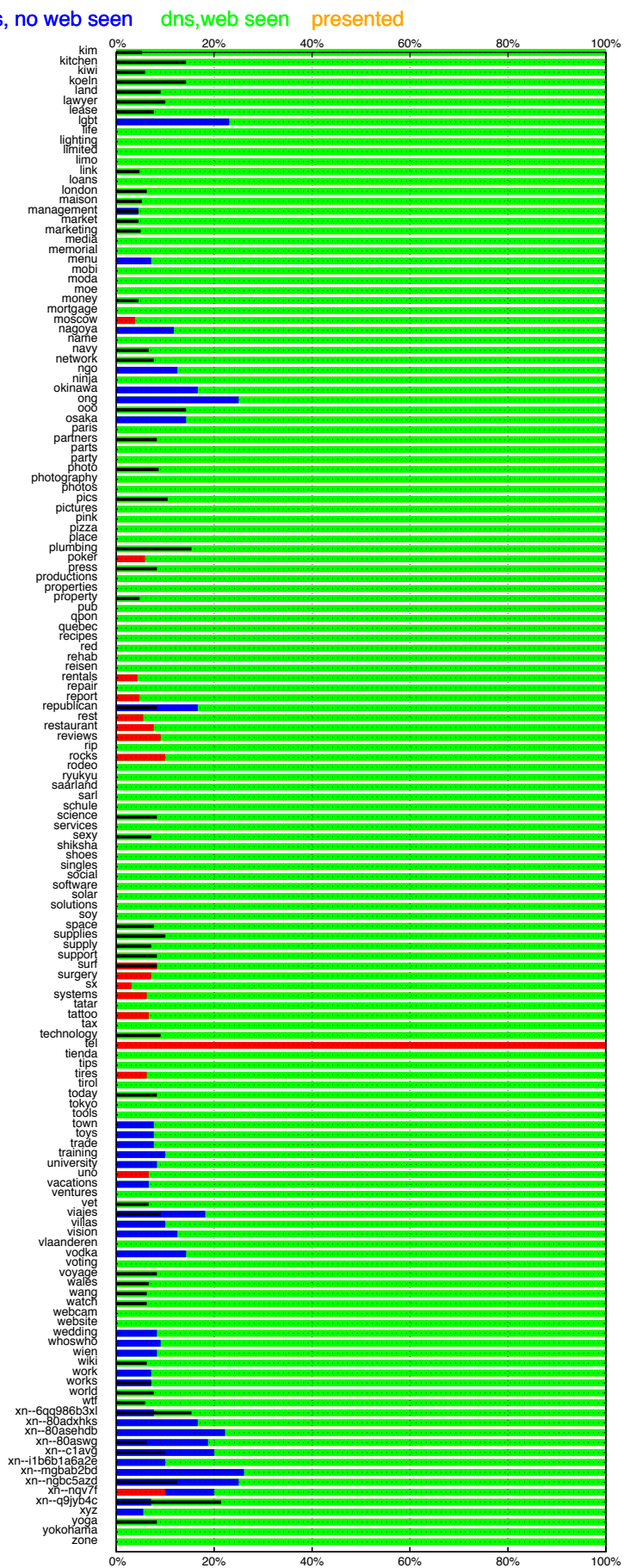
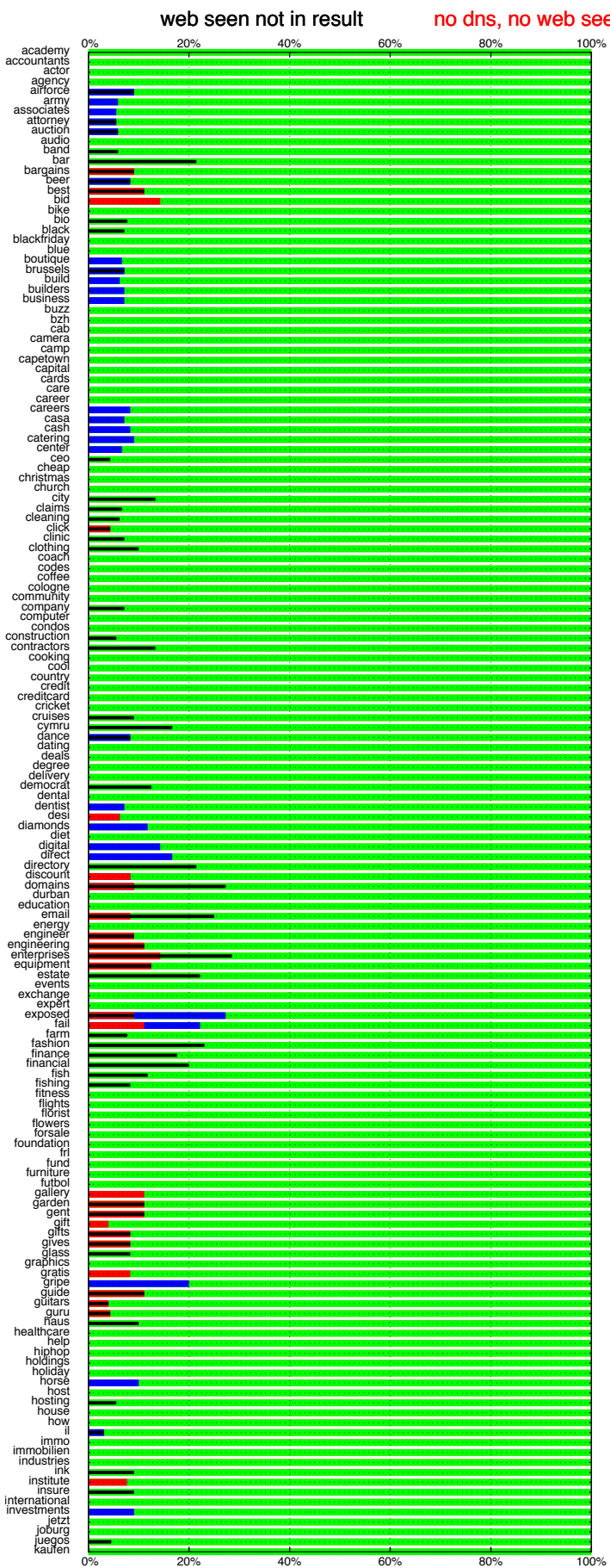
VE - Venezuela - Samplecount: 2091768

VG - Virgin Islands (UK) - Samplecount: 1474



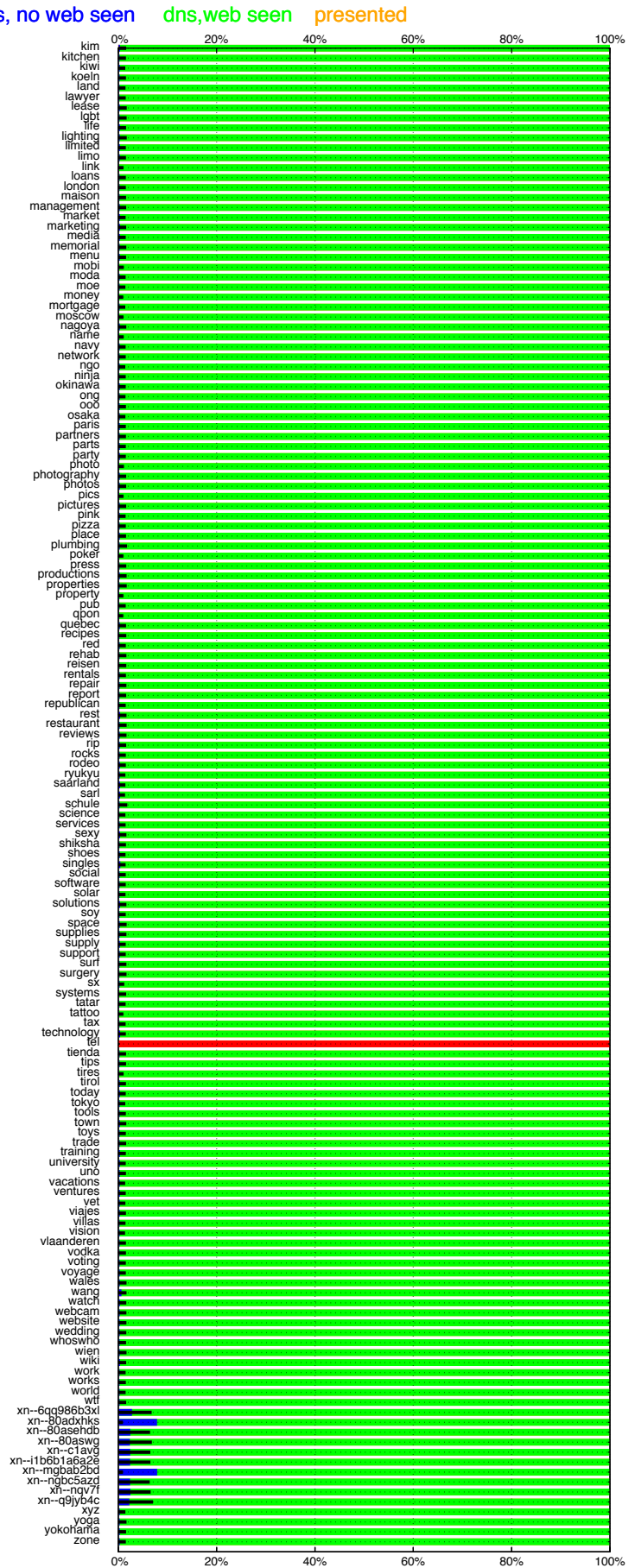
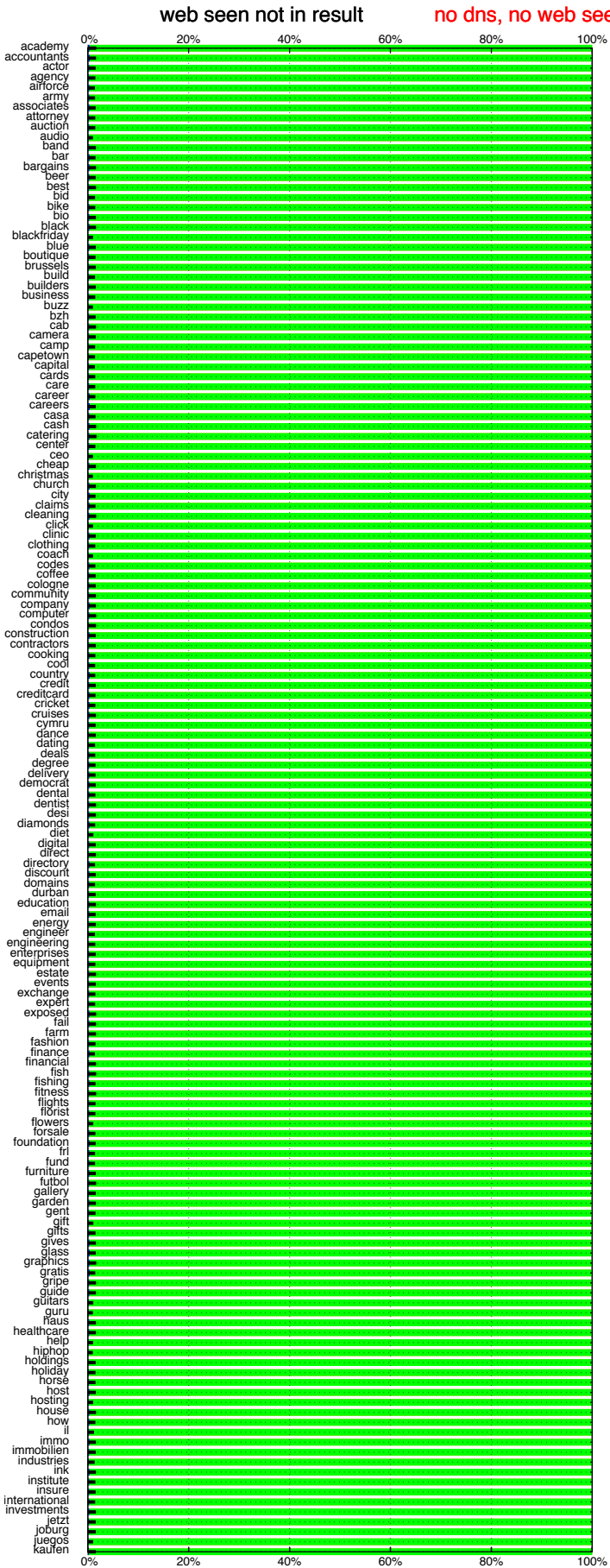
VG - Virgin Islands (UK) - Samplecount: 1474

VI - Virgin Islands (US) - Samplecount: 4008



VI - Virgin Islands (US) - Samplecount: 4008

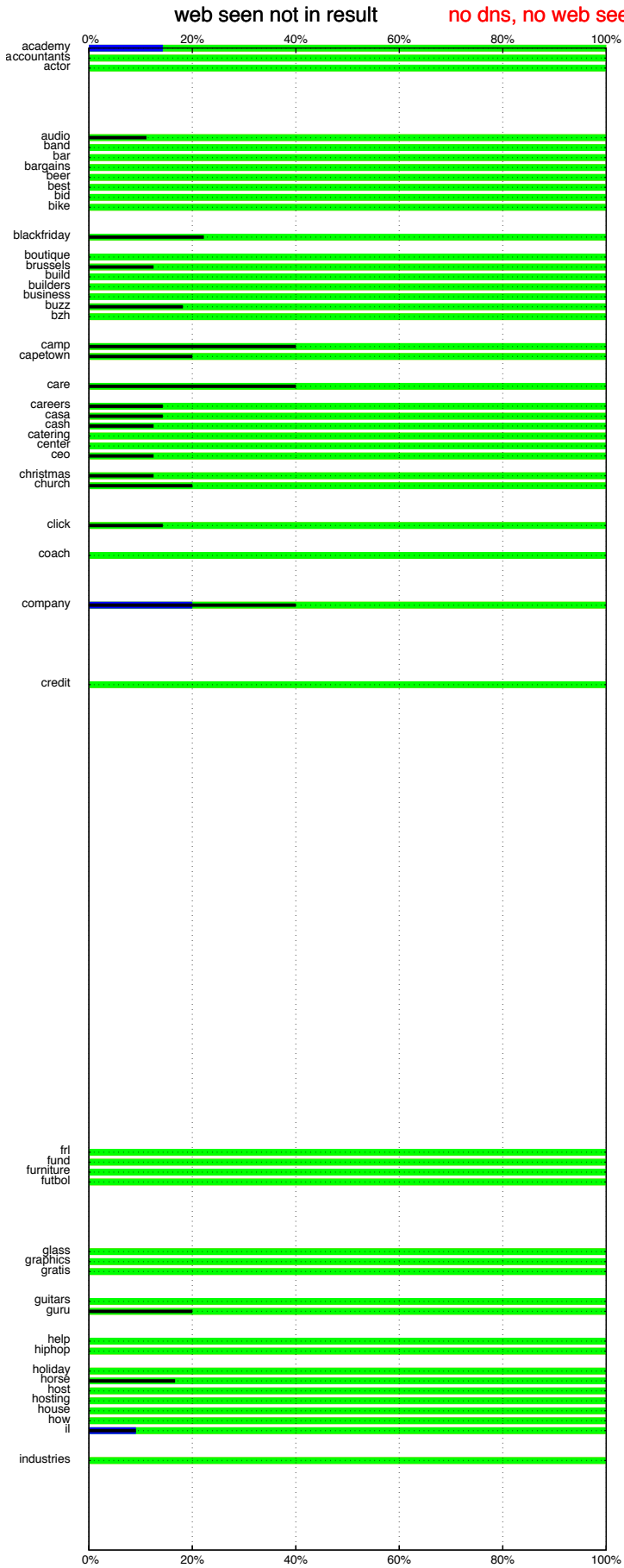
VN - Vietnam - Samplecount: 7770443



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VN - Vietnam - Samplecount: 7770443

VU - Vanuatu - Samplecount: 1160



web seen not in result

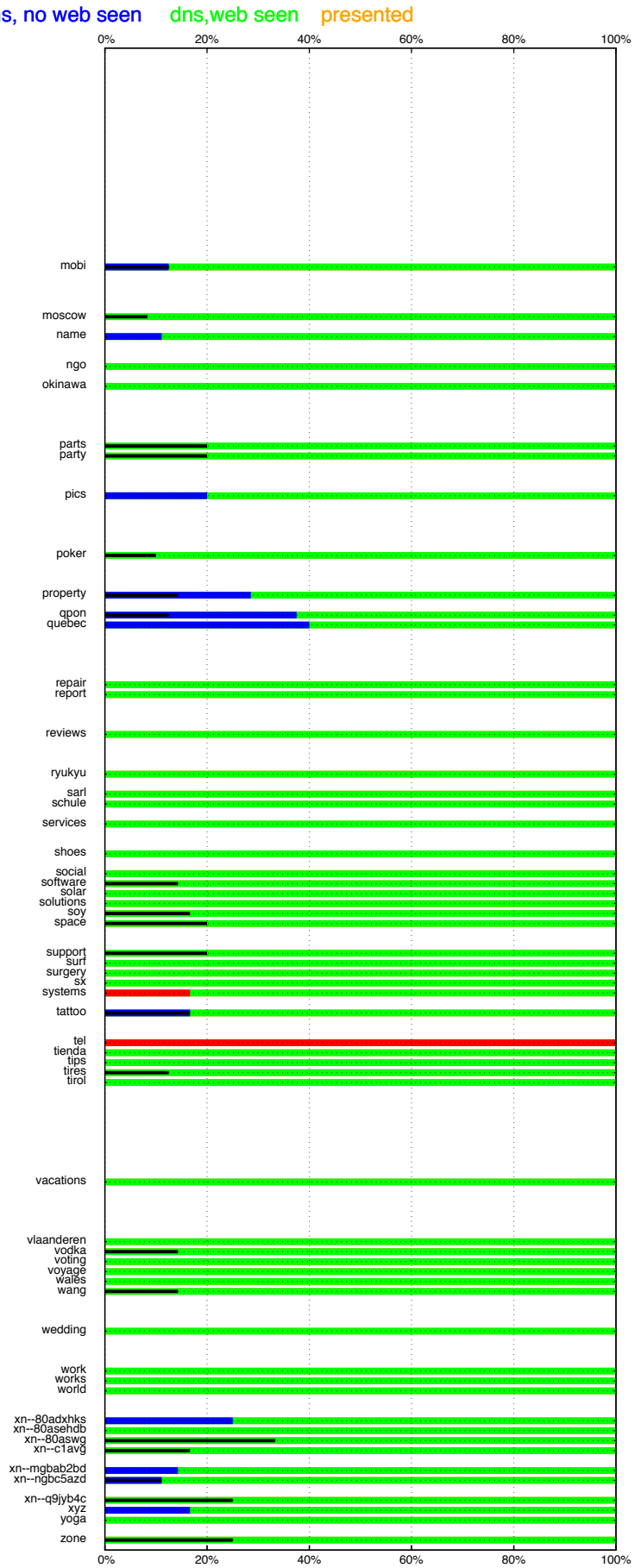
no dns, no web seen

dns, no web seen

dns,web seen

presented

VU - Vanuatu - Samplecount: 1160



web seen not in result

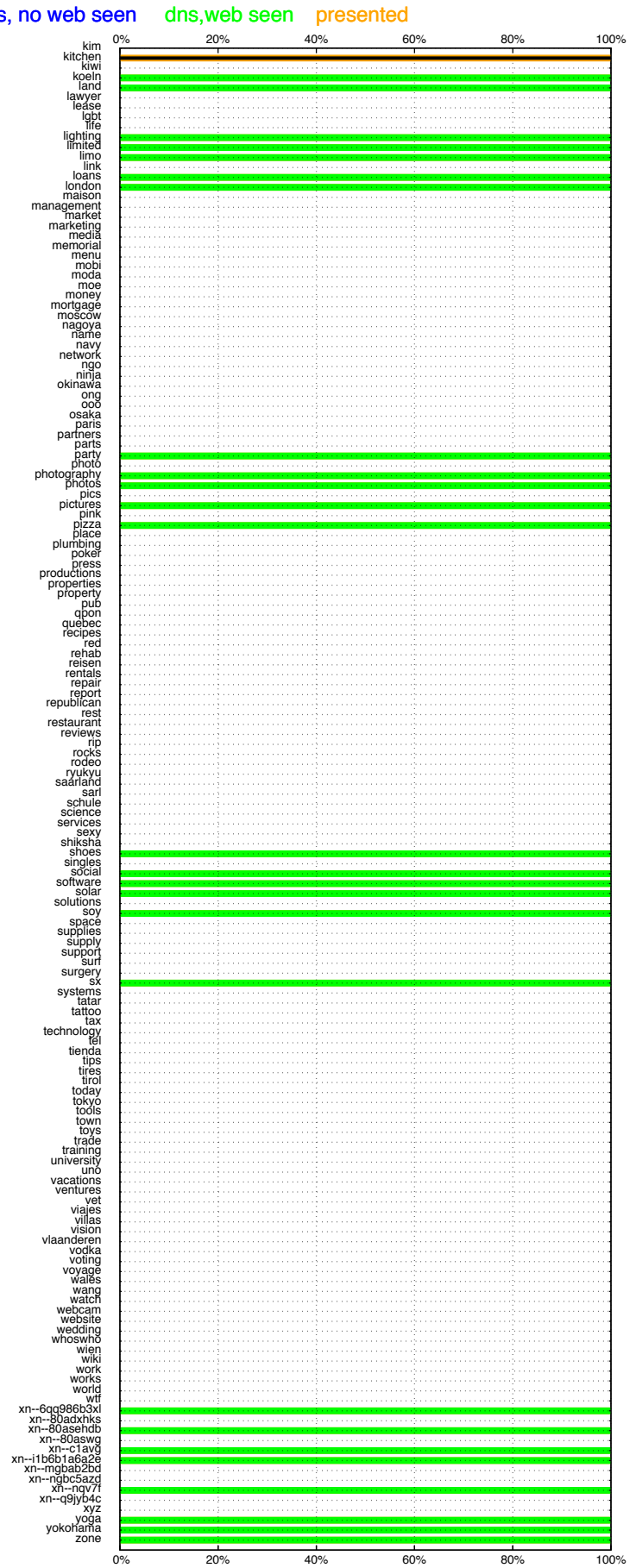
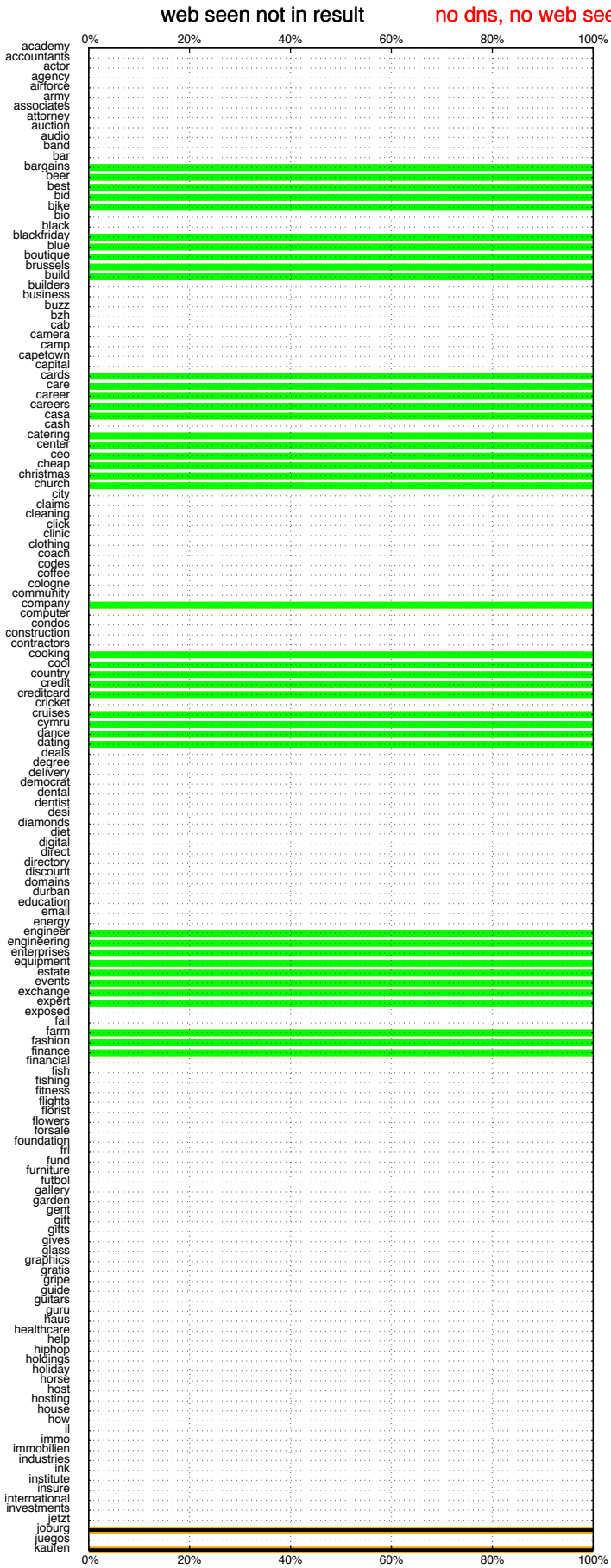
no dns, no web seen

dns, no web seen

dns,web seen

presented

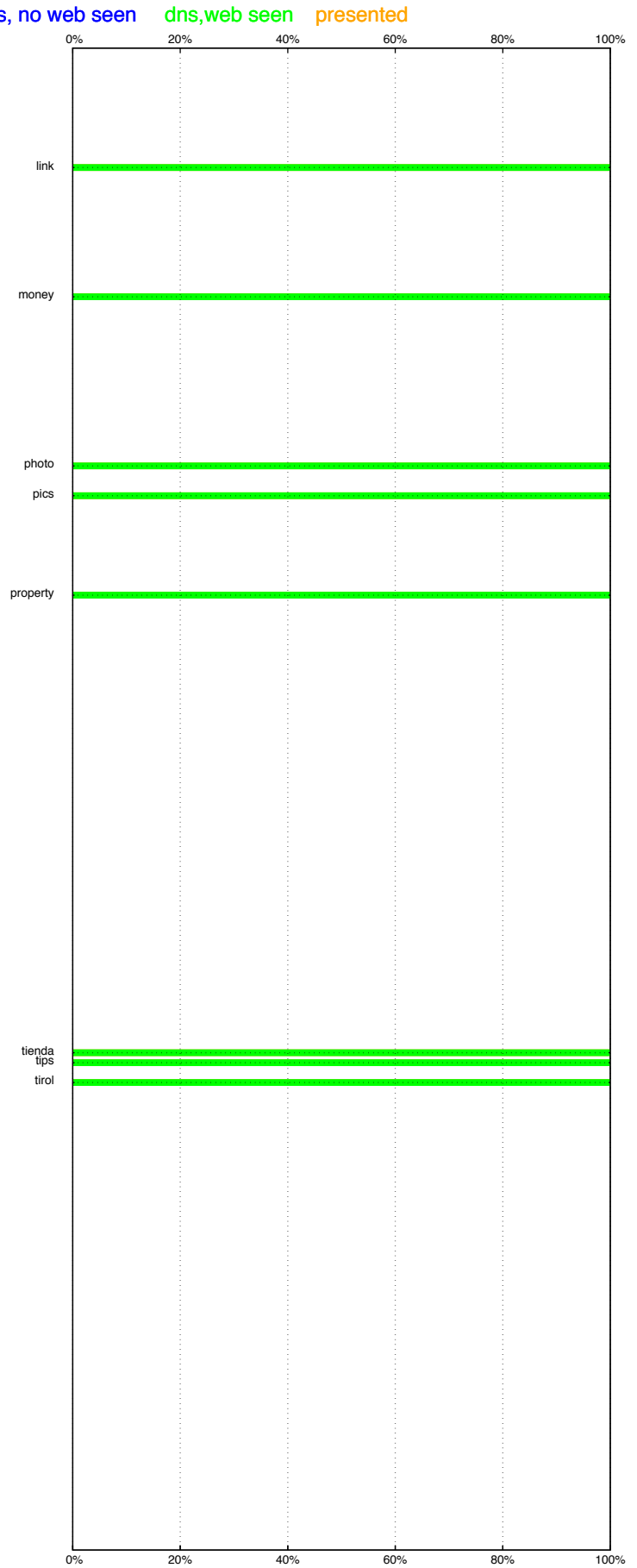
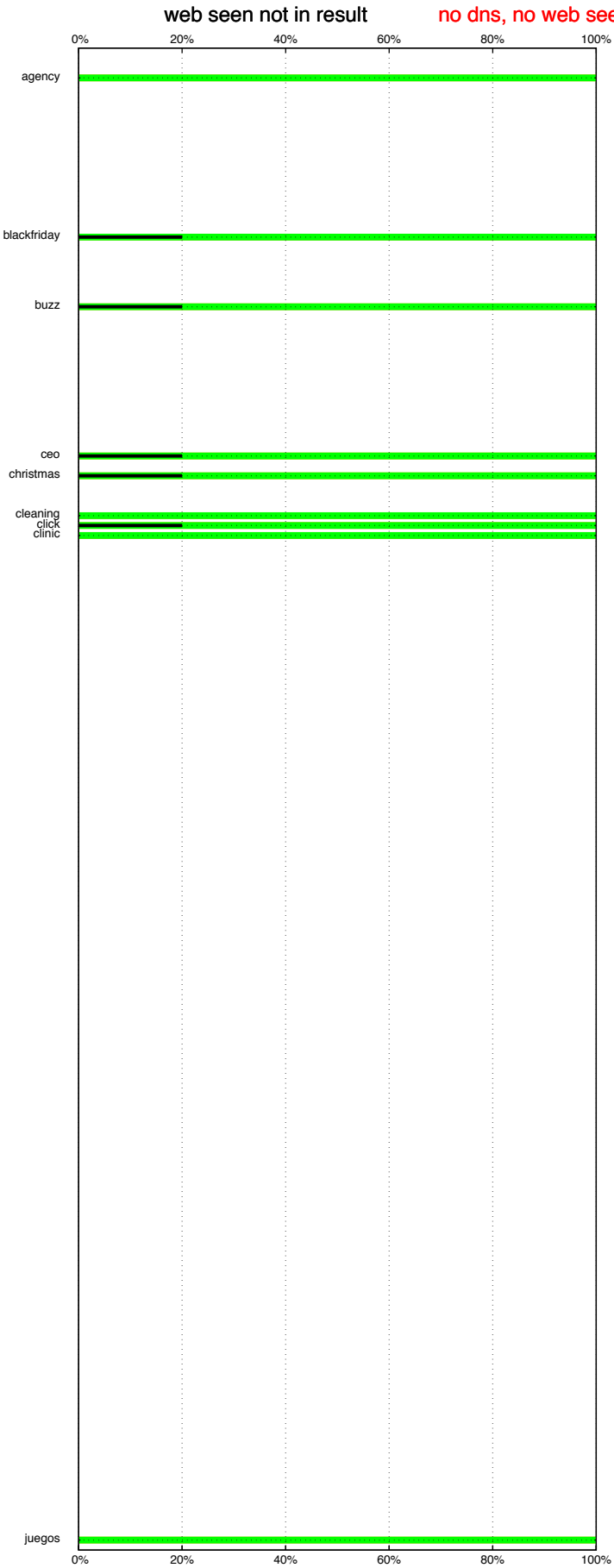
WF - Wallis nameFutuna - Samplecount: 77



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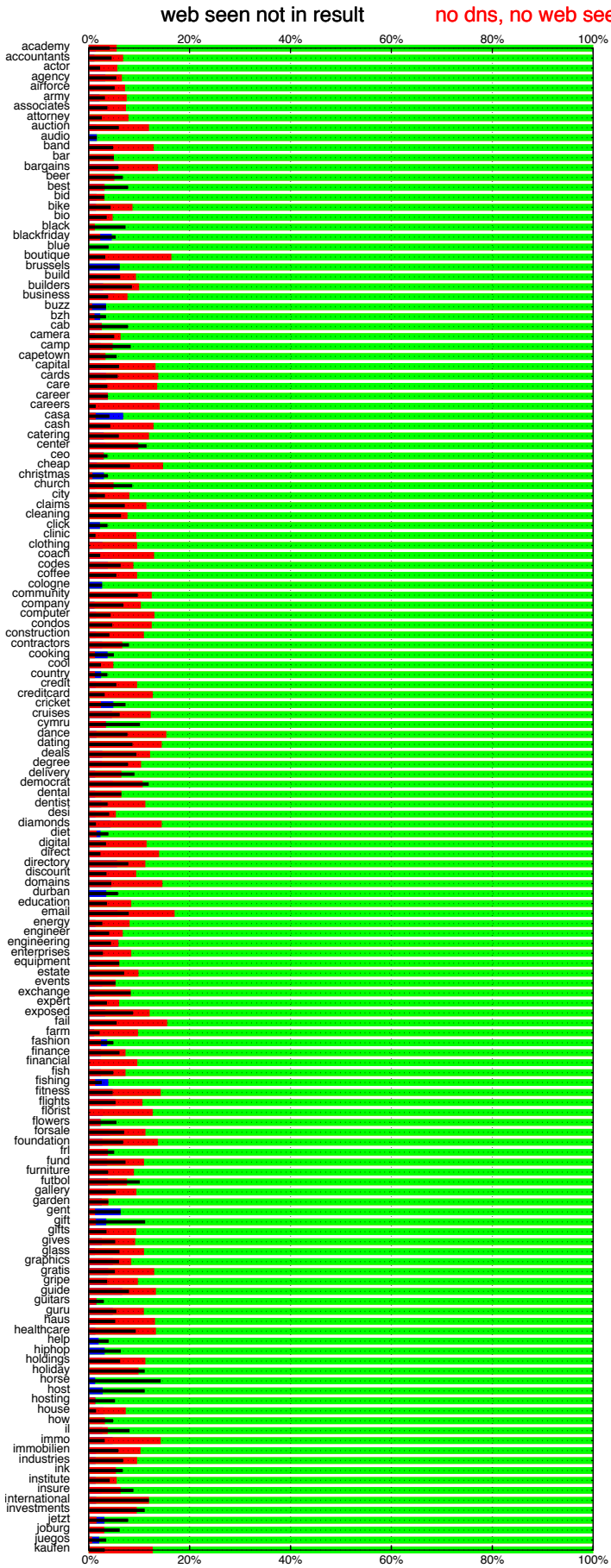
WF - Wallis nameFutuna - Samplecount: 77

WS - Samoa (western) - Samplecount: 463



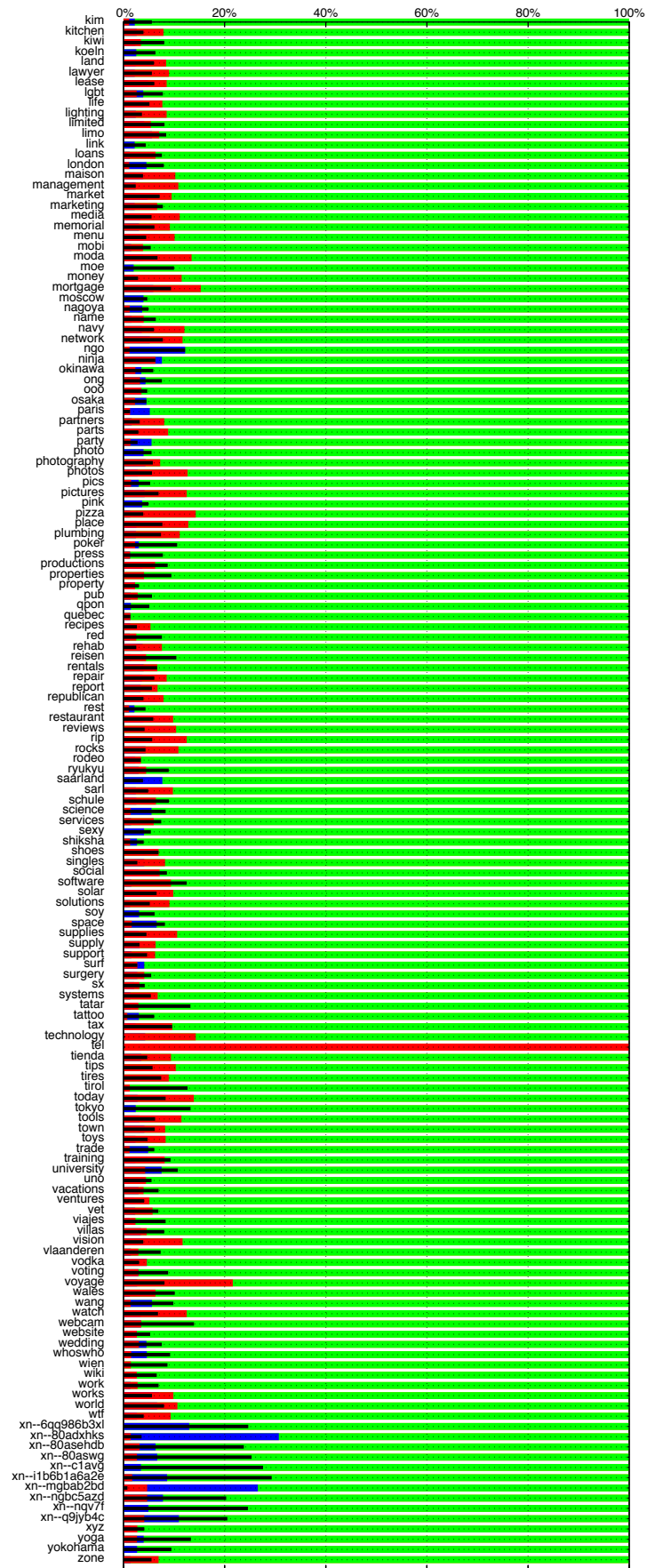
WS - Samoa (western) - Samplecount: 463

YE - Yemen - Samplecount: 23767



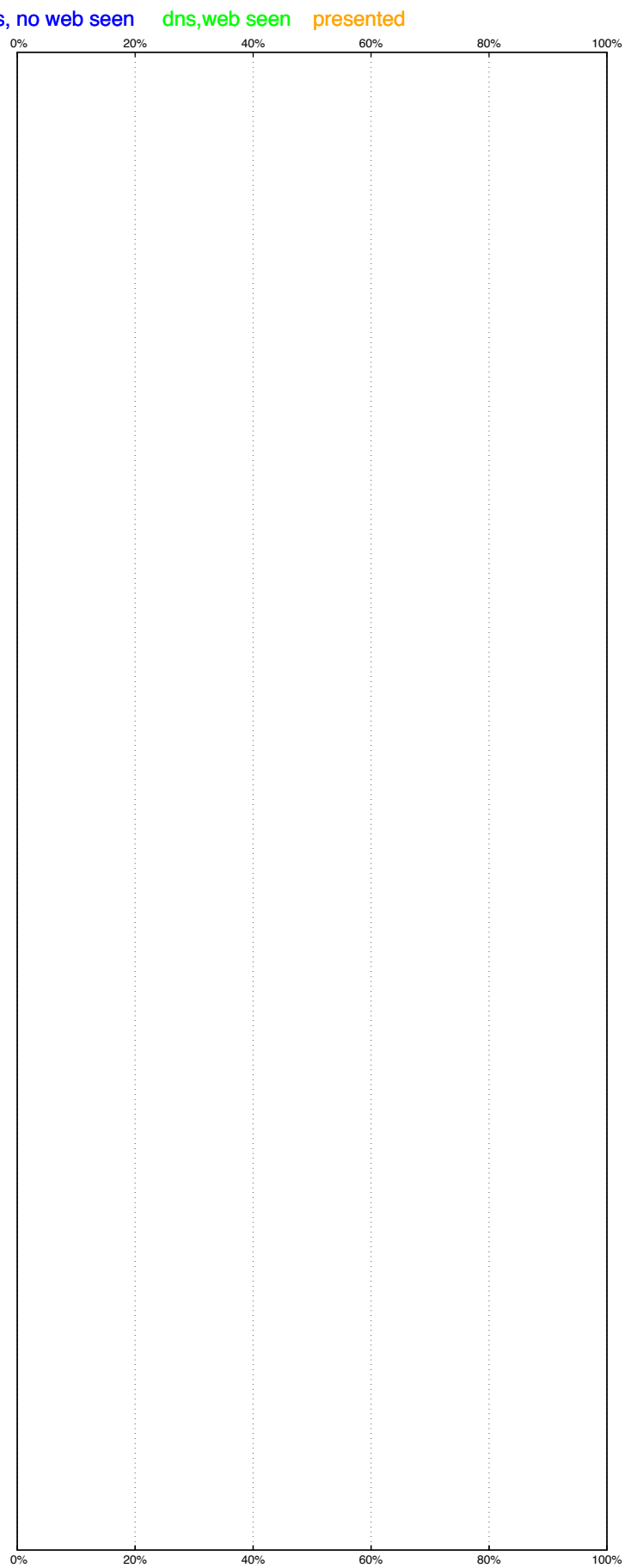
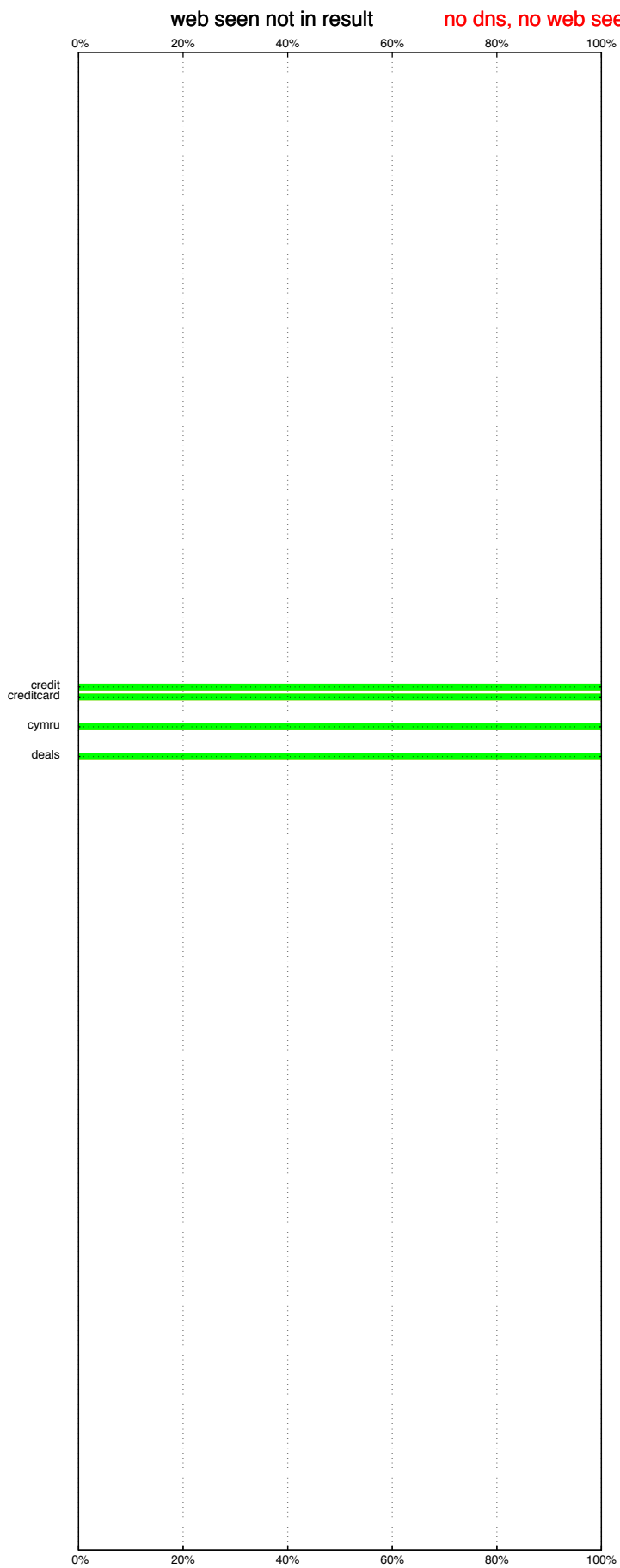
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

YE - Yemen - Samplecount: 23767



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

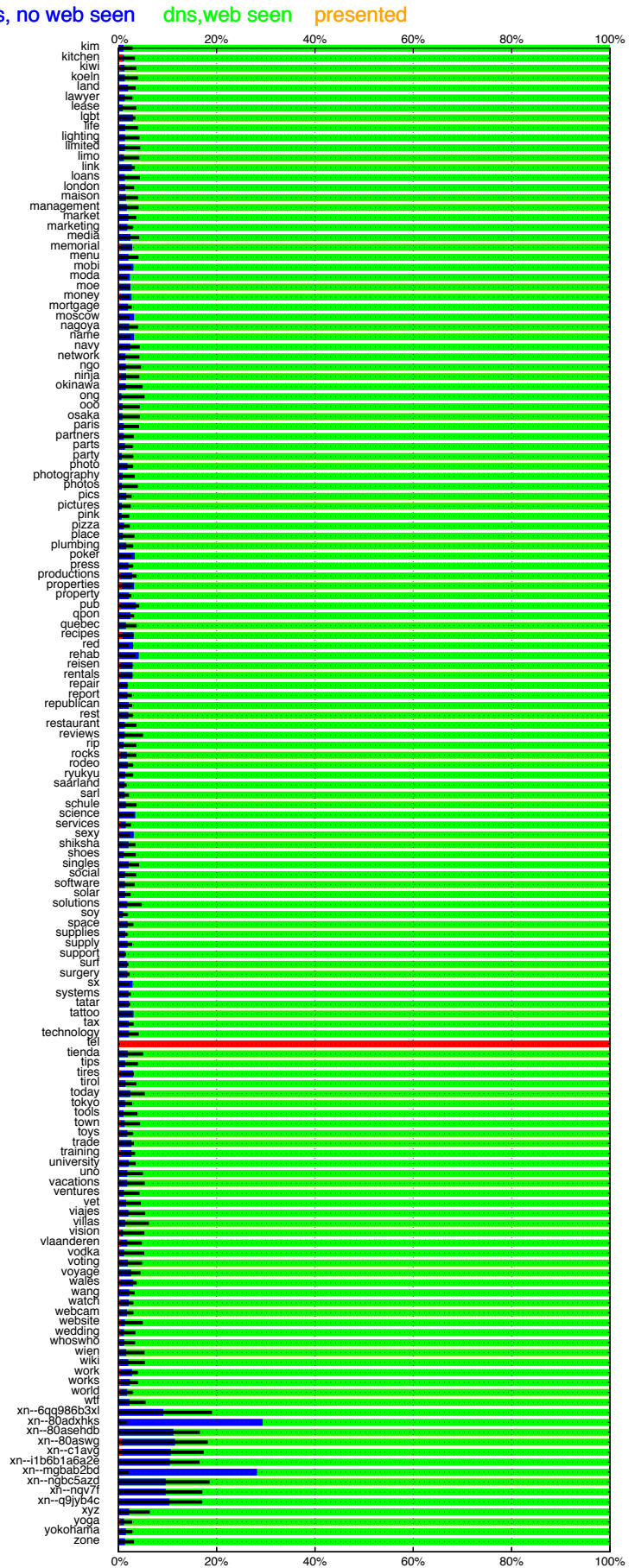
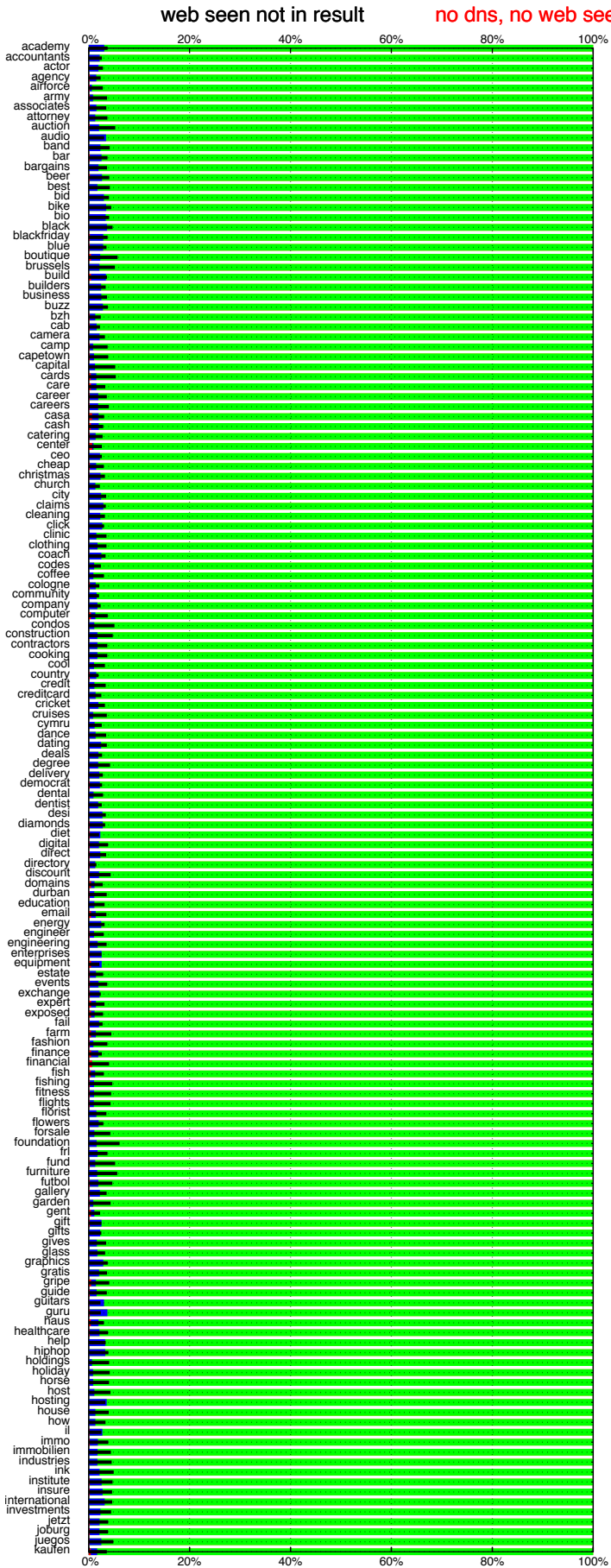
YT - Mayotte - Samplecount: 439



web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

YT - Mayotte - Samplecount: 439

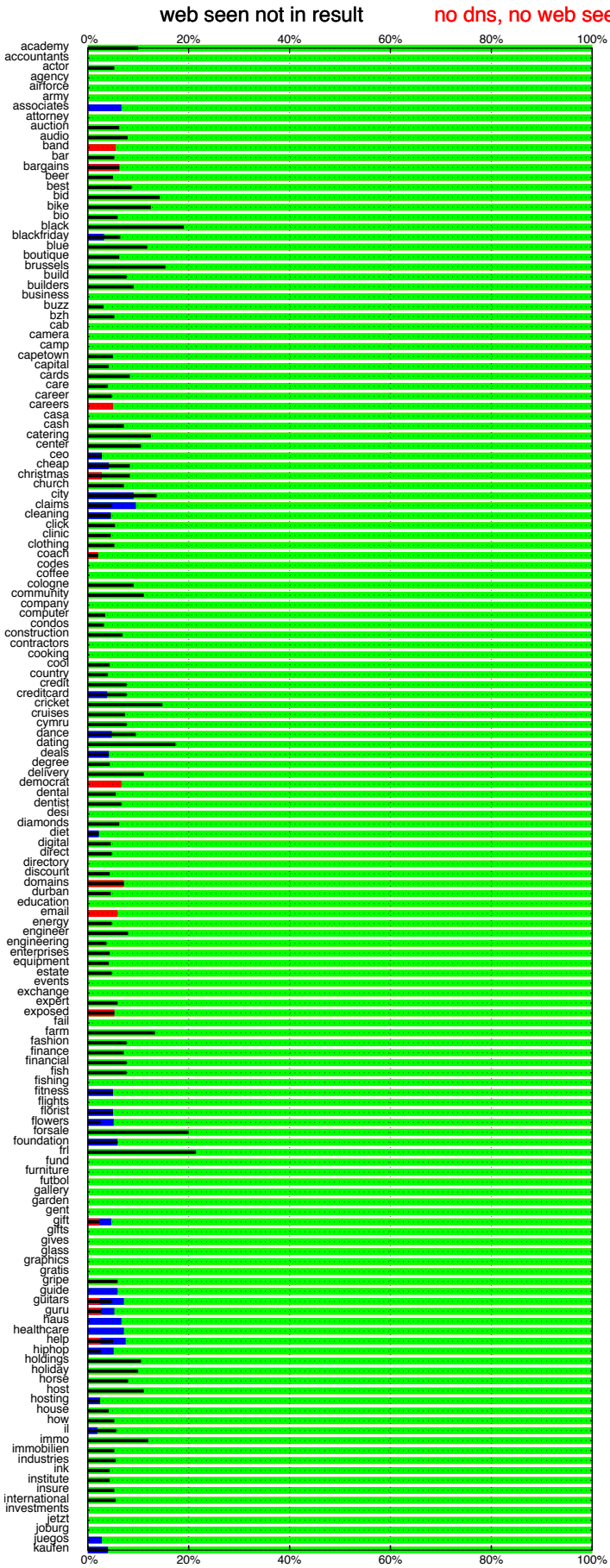
ZA - South Africa - Samplecount: 141051



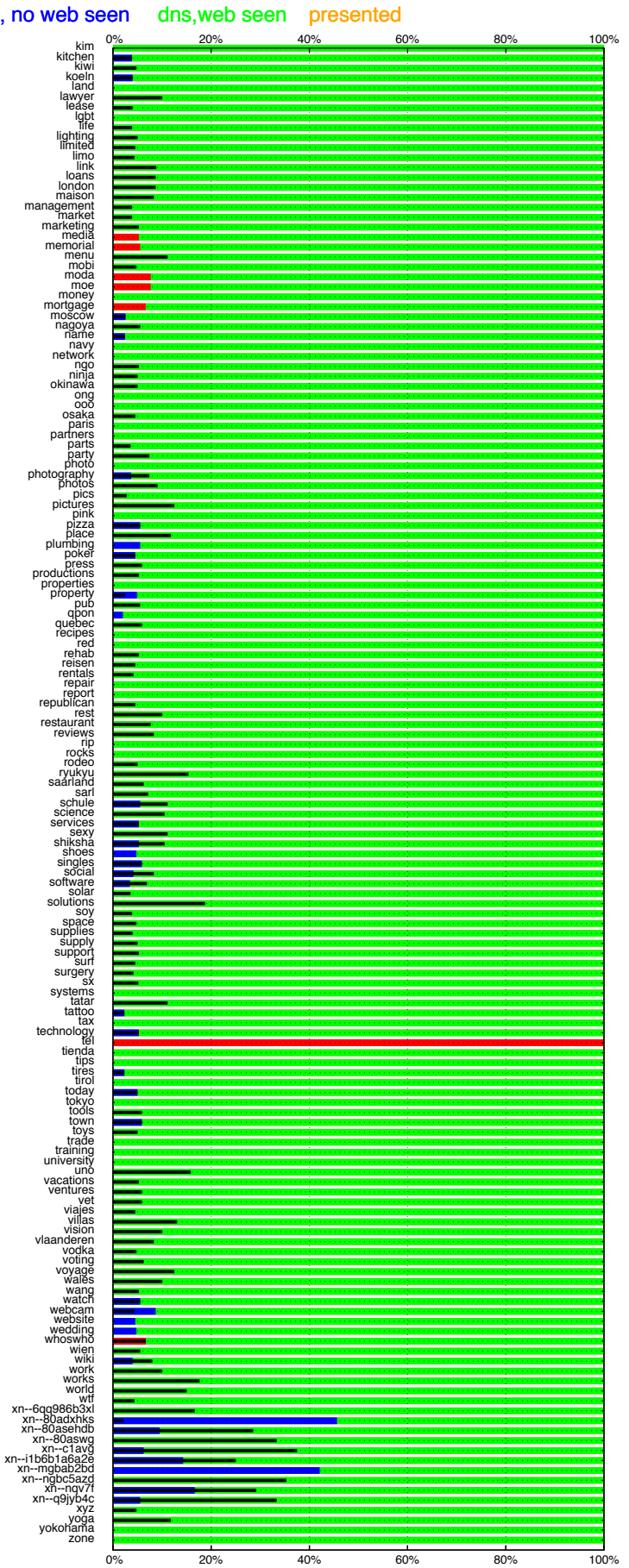
web seen not in result no dns, no web seen dns, no web seen dns,web seen presented

ZA - South Africa - Samplecount: 141051

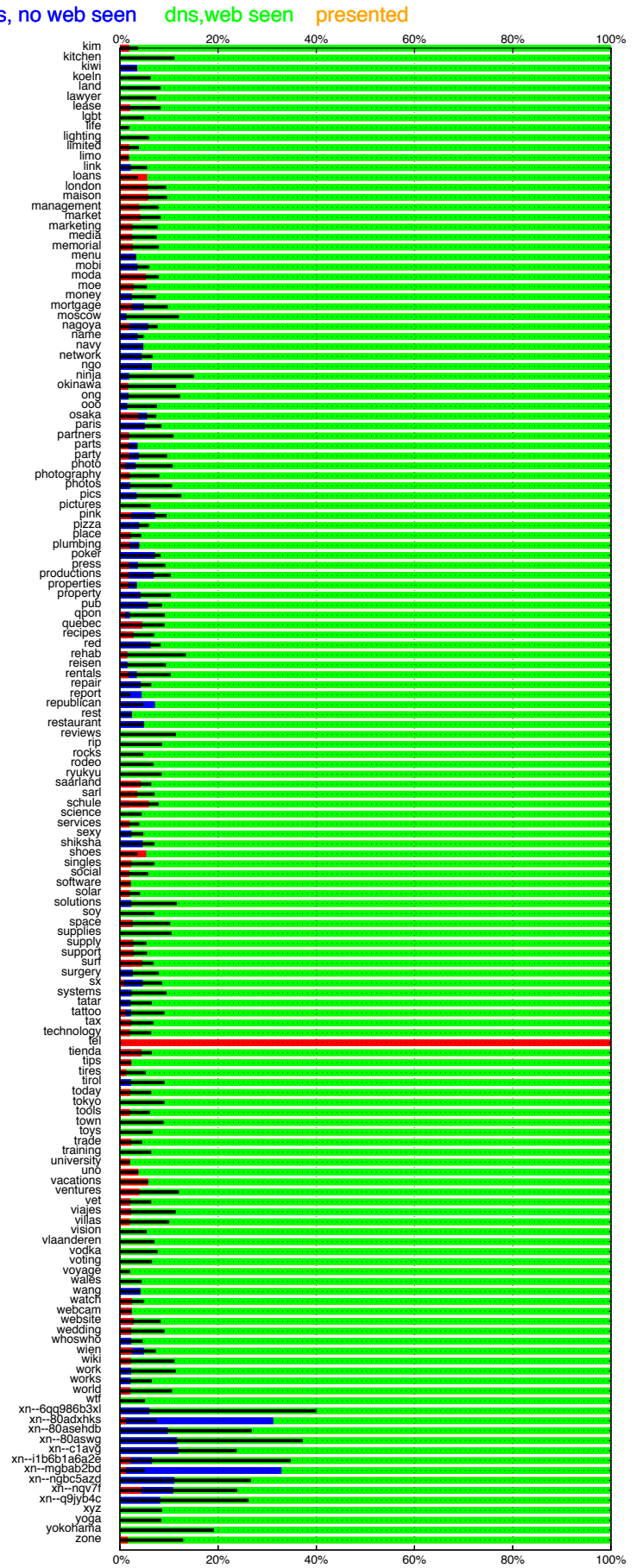
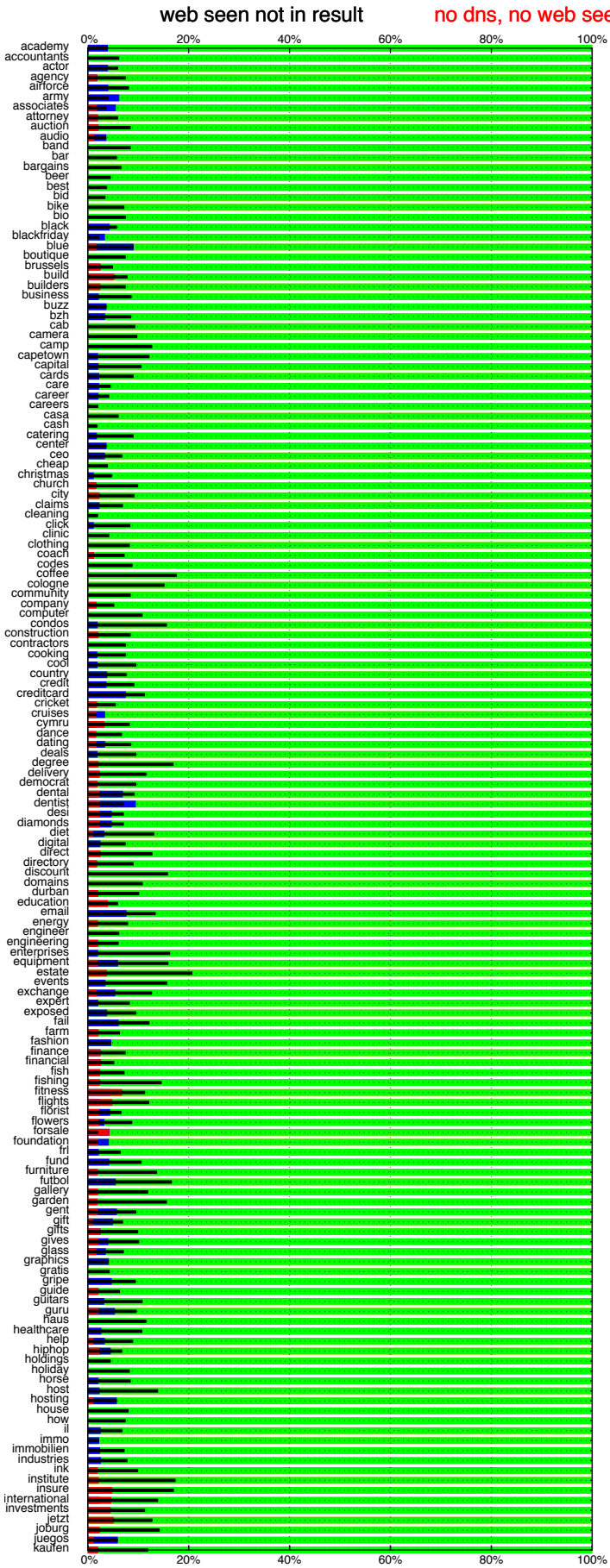
ZM - Zambia - Samplecount: 6317



ZM - Zambia - Samplecount: 6317



ZW - Zimbabwe - Samplecount: 14587



ZW - Zimbabwe - Samplecount: 14587