

# 世界のband

地図上にplotしてみた

# Encyclopaedia - Metallum

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BANDS

- ALPHABETICAL
- COUNTRY
- GENRE

LABELS

- ALPHABETICAL
- COUNTRY

REVIEWS

R.I.P.

RANDOM BAND

USER RANKINGS

NEWS ARCHIVE

REPORTS

CONTRIBUTE / To do

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METALLUM

THE METAL  
ARCHIVES

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Band name

ADVANCED SEARCH

SUBMIT

HELP

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FAQ

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ADD-ONS

There are currently 110107 bands, 300115 registered users and 89493 reviews in Encyclopaedia Metallum. [More stats](#)

17th M-A Reviews Challenge: 20th - 26th Jun 2016 / 2016-06-20 08:53

Greetings, all! It's that time of the year again - time for our classic MA Virgin Reviews Challenge!

First hosted a decade ago, this challenge is a time-honored tradition among our reviewers here. Every winter and every summer reviewers are encouraged to spend a week writing and submitting as many quality reviews as possible... with the aim to focus on albums with no reviews so far (ie. virgin albums). Every day, the reviews submitted and accepted are tallied, so that participants can see how they compare with one another and whether or not, altogether, we've been able to surpass previous challenges' totals. There's no prizes or rewards except knowing that you've given a review to an album that didn't previously have one. There's also bragging rights for the most reviews, if that matters to you. Please read this thread for the rules and to discuss the challenge!

The challenge is currently running from today (June 20th) until 11:59PM EST on June 26th. Everyone is welcome to participate - all you have to do is submit reviews as usual.

Looking forward to your participation! \m/

-Derigin

Band research thread / 2016-04-21 11:03

Attention, band submitters!

Did one of your submissions get rejected for non-musical reasons and you find yourself unable to provide the needed information/evidence? Did you come across a potential addition, but are hesitant to submit because there's a crucial piece of info missing? Whatever the case, try posting in this useful thread on the forum dedicated to digging up music samples, proof of release and the like for

Latest additions:

BANDS

LABELS

ARTISTS

Hopeless

July 4, 01:49

Stone Grave

July 3, 18:03

Indica Blues

July 3, 17:54

Old Sun

July 3, 17:47

Conjurer

July 3, 17:38

Harrower

July 3, 17:27

Funerary Temple

July 3, 17:24

Onskt

July 3, 16:58

Sense of Ember

July 3, 16:15

Depredate

July 3, 14:54

more...

Latest updates:

BANDS

LABELS

ARTISTS

Human

July 4, 02:57

Camphora Monobromata

July 4, 02:57

Ritual Steel

July 4, 02:56

Stormchild

July 4, 02:56

Menam

July 4, 02:56

Cloud Rat

July 4, 02:54

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Best viewed  
without Internet Explorer  
in 1280 x 960 resolution  
or higher.

# Web scraping

- ◇ ウェブサイトから情報を抽出するコンピュータソフトウェア技術のこと。ウェブ・クローラーあるいはウェブ・スパイダーとも呼ばれる。通常このようなソフトウェアプログラムは低レベルのHTTPを実装することで、もしくはウェブブラウザを埋め込むことによって、WWWのコンテンツを取得する。(Wikipediaより)



The screenshot shows the PhantomJS website with a dark background. In the top left, there is a 'Fork me on GitHub' banner with the GitHub logo. The PhantomJS logo is in the top center. To the right, there are navigation links: SOURCE CODE, DOCUMENTATION, API, EXAMPLES, and FAQ. The main content area on the left features the text 'Full web stack' and 'No browser required' in large white font. Below this, a paragraph describes PhantomJS as a headless WebKit scriptable with a JavaScript API. At the bottom left, there is a green 'Download v2.1' button and a 'Get started' link. On the right, a code block displays a simple JavaScript example for opening a web page and logging the status.

Fork me on GitHub

PhantomJS

SOURCE CODE DOCUMENTATION API EXAMPLES FAQ

## Full web stack No browser required

PhantomJS is a headless WebKit scriptable with a JavaScript API. It has **fast** and **native** support for various web standards: DOM handling, CSS selector, JSON, Canvas, and SVG.

[Download v2.1](#) [Get started](#)

```
// Simple Javascript example

console.log('Loading a web page');
var page = require('webpage').create();
var url = 'http://phantomjs.org/';
page.open(url, function (status) {
    //Page is loaded!
    phantom.exit();
});
```

# Web scraping結果

CSV形式で出力。(109,665行)

**name, country, location, status, formed in, genre**

- ◇ "!T.O.O.H.!", "Czech Republic", "Prague", "Split-up", "1993", "Progressive Death Metal/Grindcore"
- ◇ "!ú1..", "Czech Republic", "Prague", "Split-up", "2002", "Death/Black Metal"
- ◇ "\$ilverdollar", "Sweden", "Nyköping", "Active", "1996", "Heavy/Power Metal"
- ◇ "\$uicide \$olution", "Singapore", "Tampines", "Active", "1998", "Heavy Metal"
- ◇ "' . . [l]ight am I' . . .", "Canada", "Cartier/Kitchener, Ontario", "Unknown", "1996", "Black Metal"
- ◇ "'Big Jim' Shively", "United States", "Nashville, Tennessee", "Active", "N/A", "Doom Metal/Psychedelic Rock"



# 国・地域から緯度・経度を取得

- ◇ Google Geocoding API  
取得したcountryとlocationから緯度・経度を取得
  - ◇ API使用回数と時間の関係で、countryのみ使用

# Geocoding API取得結果

CSV形式で出力。(149行)

**country, latitude, longitude**

- ◇ Afghanistan,33.93911,67.709953
- ◇ Aland Islands,60.178525,19.915611
- ◇ Albania,41.153332,20.168331
- ◇ Algeria,28.033886,1.659626
- ◇ Andorra,42.506285,1.521801
- ◇ Angola,-11.202692,17.873887

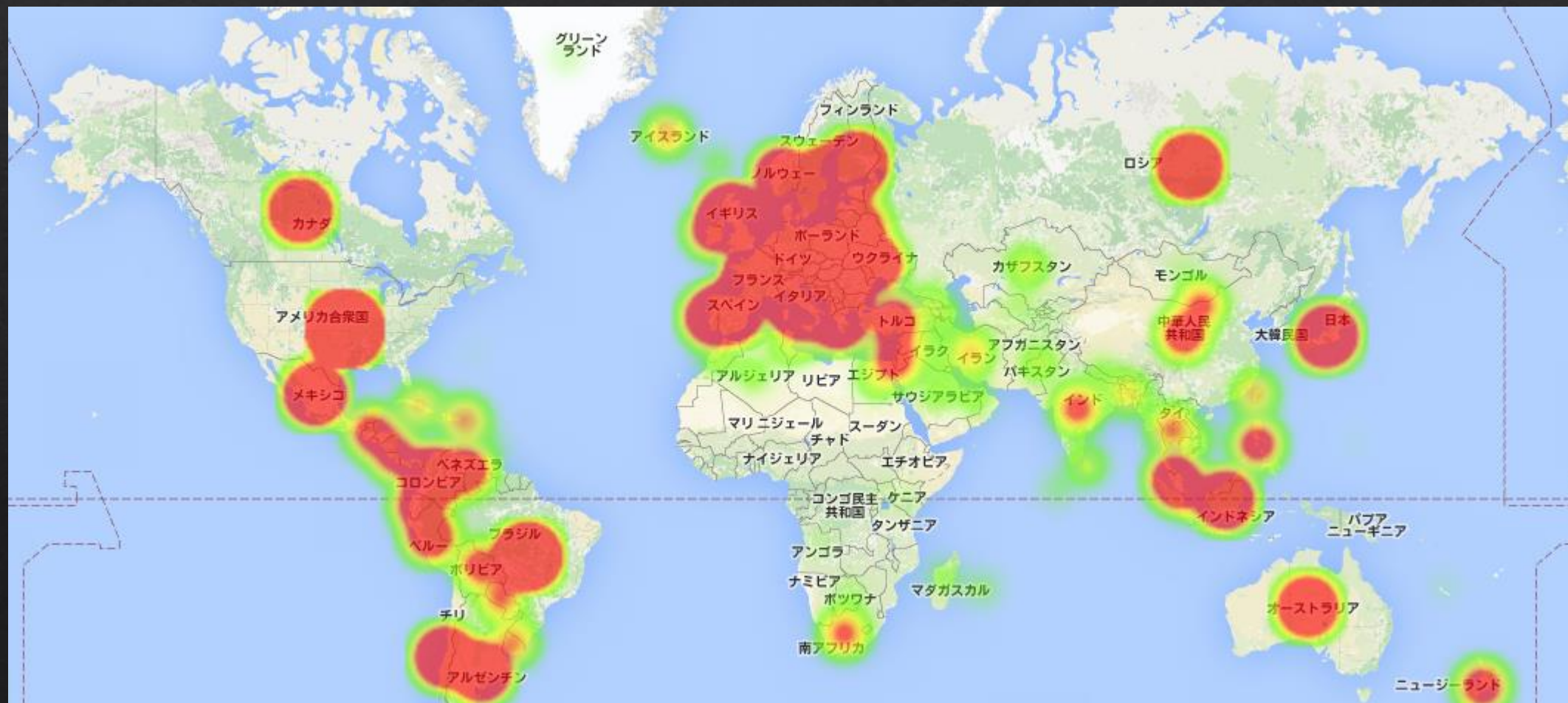
## 2つをマージ

**name, country, location, status, formed in, genre, latitude, longitude**

- ◇ "!T.O.O.H.!", "Czech Republic", "Prague", "Split-up", "1993", "Progressive Death Metal/Grindcore“, ” 49.817492“, ” 15.472962”
- ◇ "!úl..", "Czech Republic", "Prague", "Split-up", "2002", "Death/Black Metal", ” 49.817492“, ” 15.472962”
- ◇ "\$ilverdollar", "Sweden", "Nyköping", "Active", "1996", "Heavy/Power Metal“, ” 60.128161“, ” 18.643501”
- ◇ "\$uicide \$olution", "Singapore", "Tampines", "Active", "1998", "Heavy Metal“, ” 1.352083“, ” 103.819836”
- ◇ "' . . . [l]ight am I' . . .", "Canada", "Cartier/Kitchener, Ontario", "Unknown", "1996", "Black Metal“, ” 56.130366“, ” -106.346771”
- ◇ "'Big Jim' Shively", "United States", "Nashville, Tennessee", "Active", "N/A", "Doom Metal/Psychedelic Rock“, ” 37.09024“, ” -95.712891”

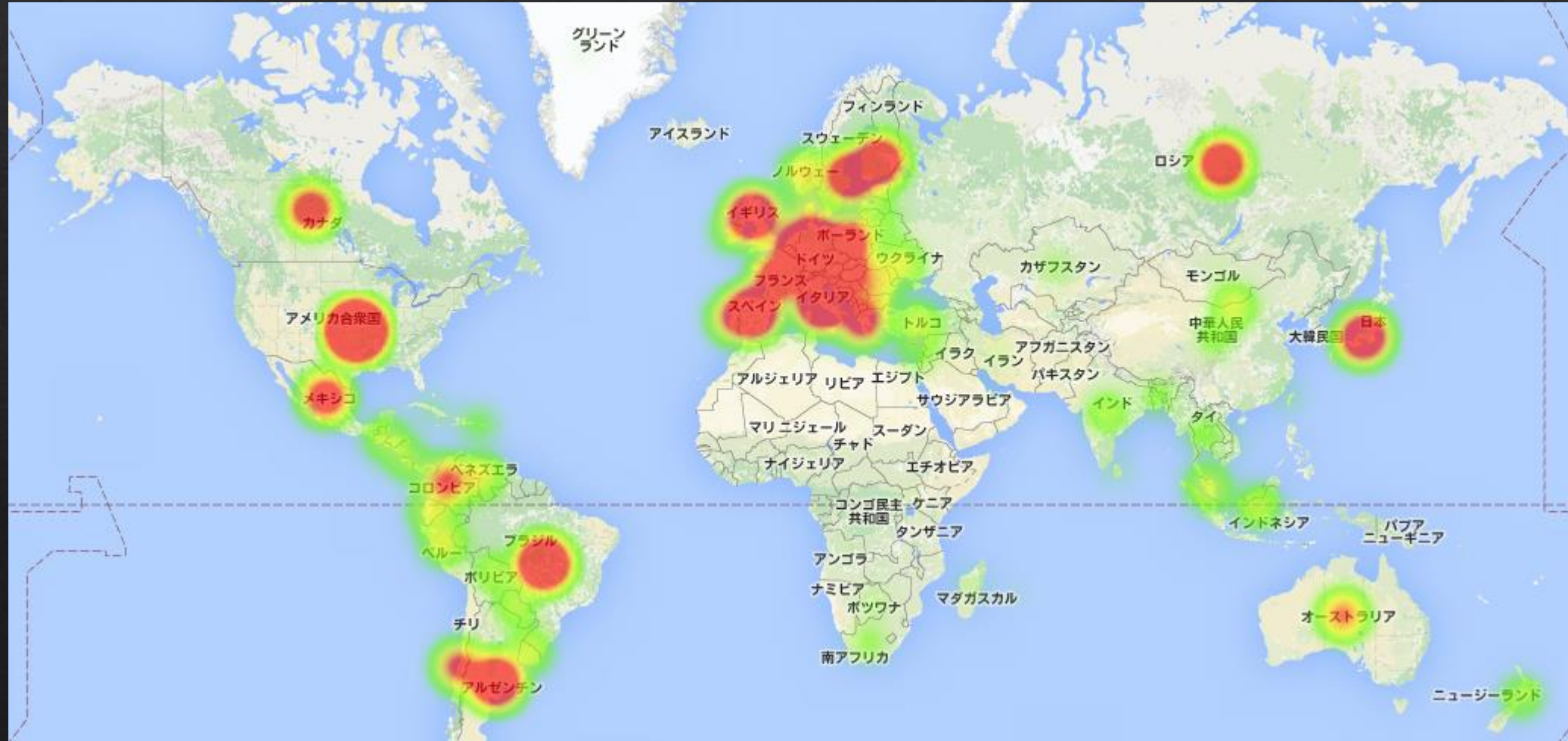


# 地図上にplot

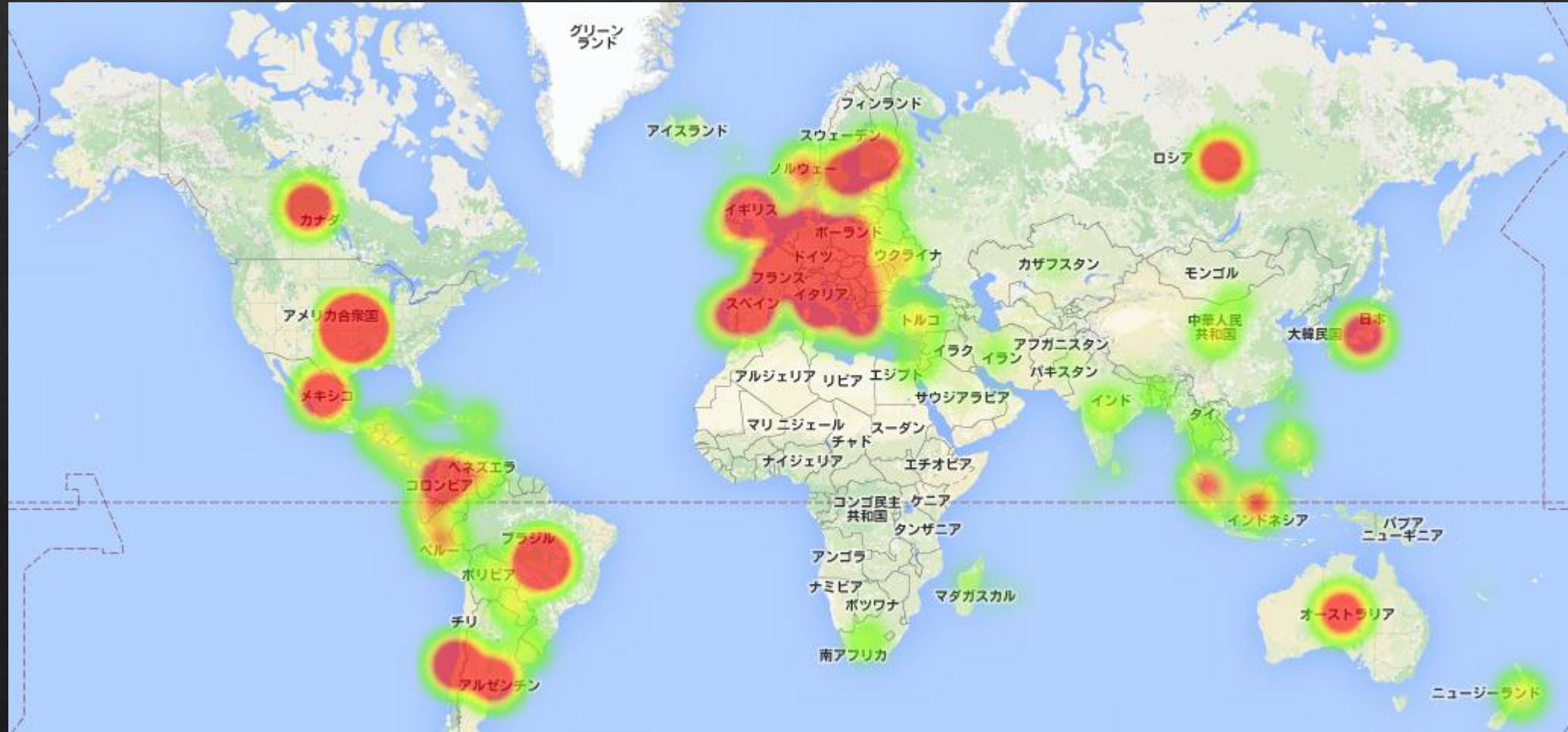




# Genre – Heavy Metal

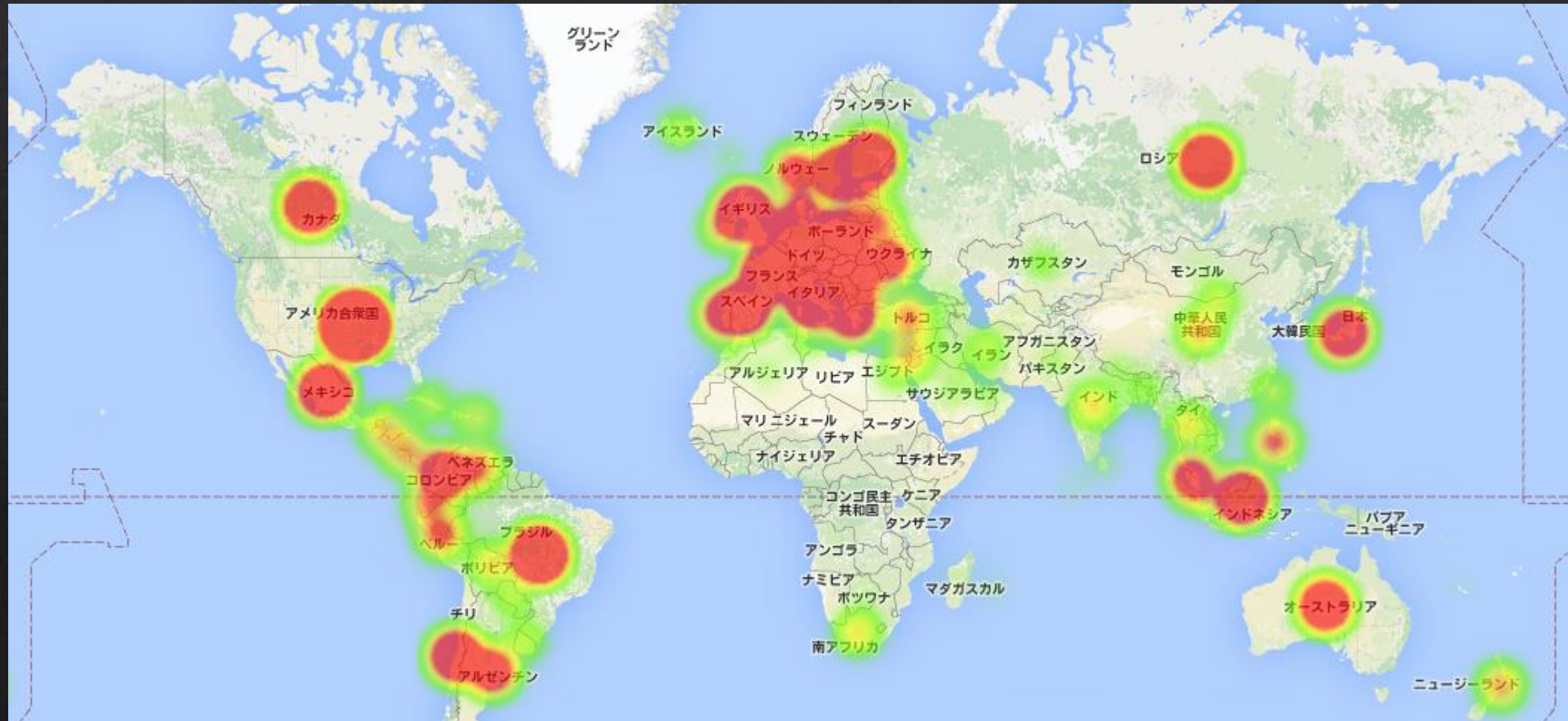


# Genre – Thrash Metal



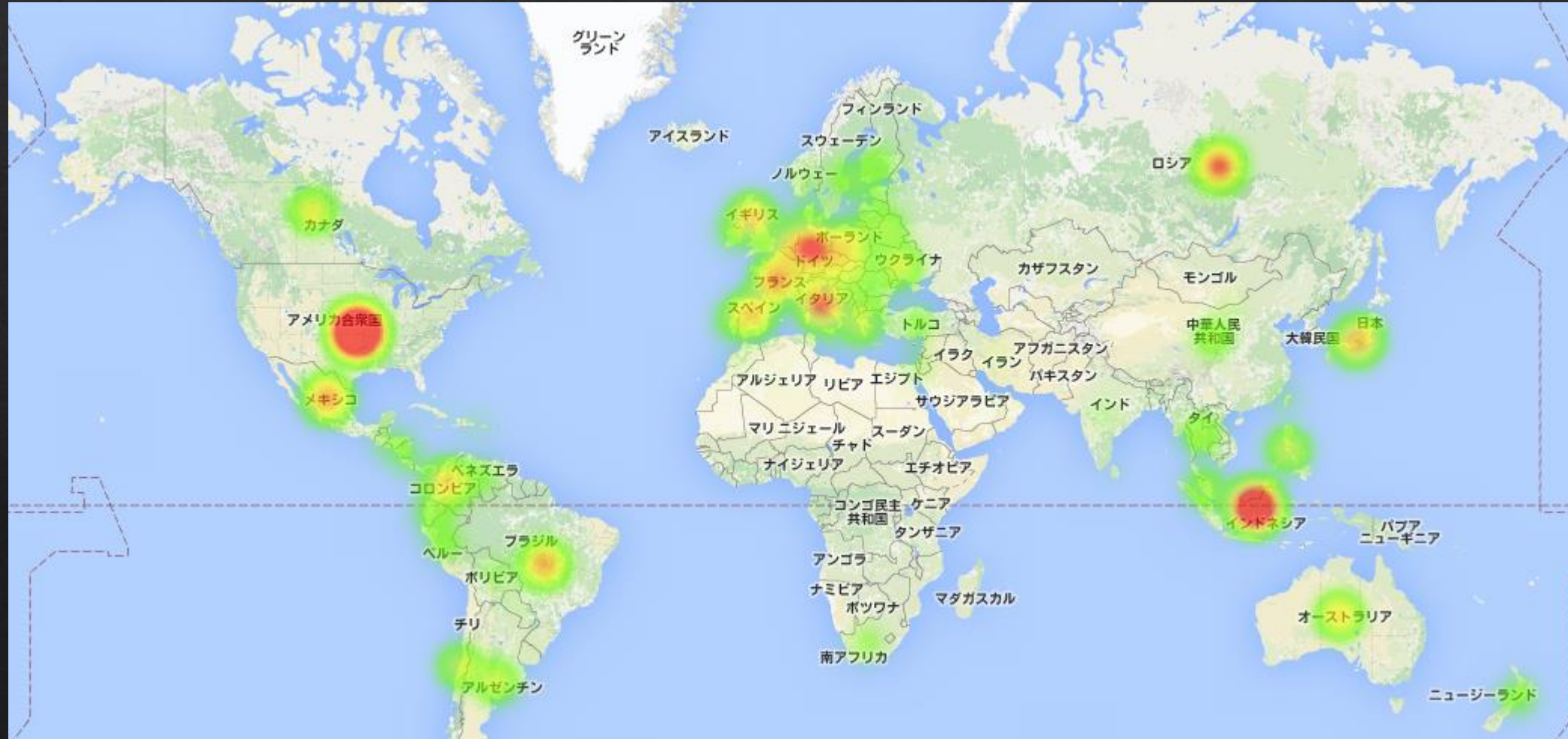


# Genre – Death Metal

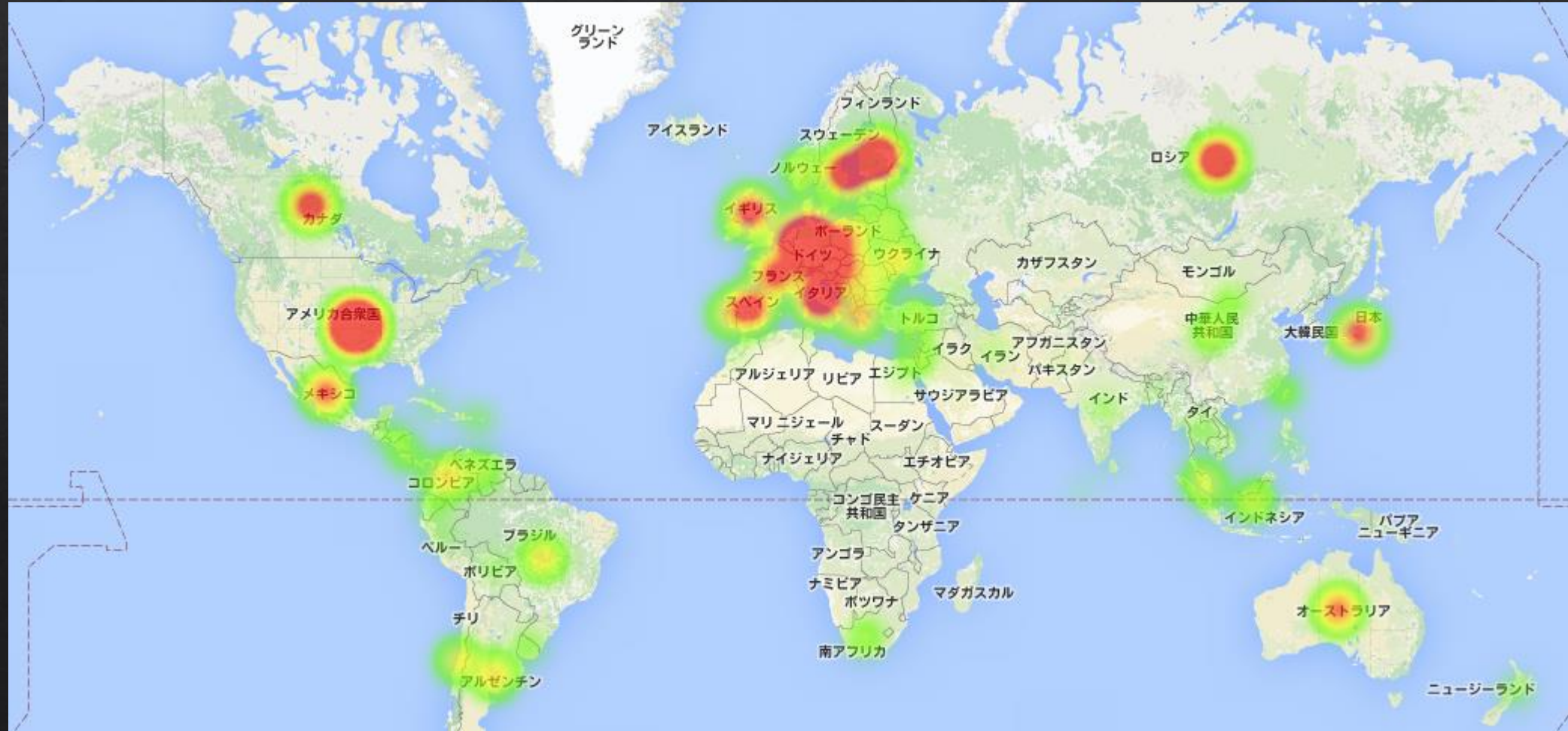




# Genre – Brutal Death Metal

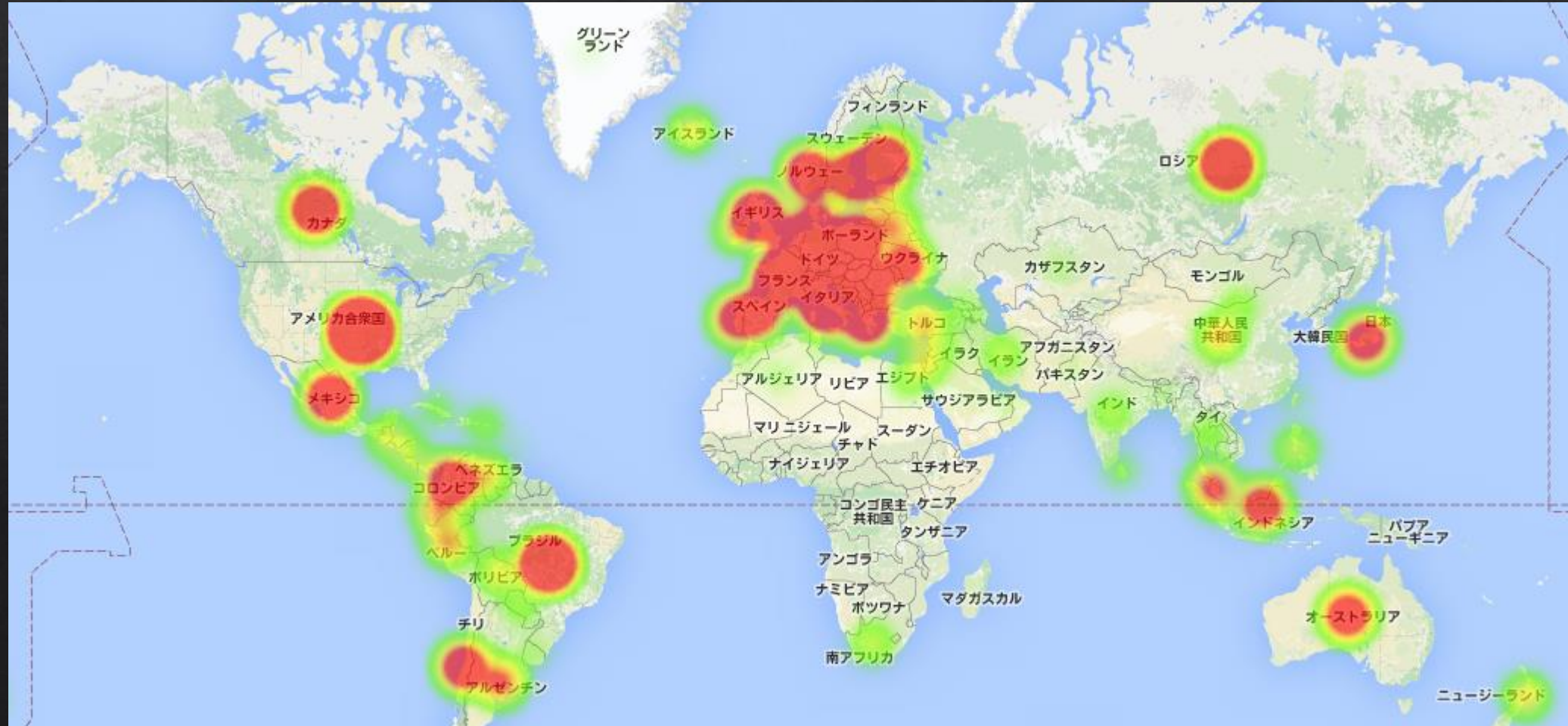


# Genre – Melodic Death Metal



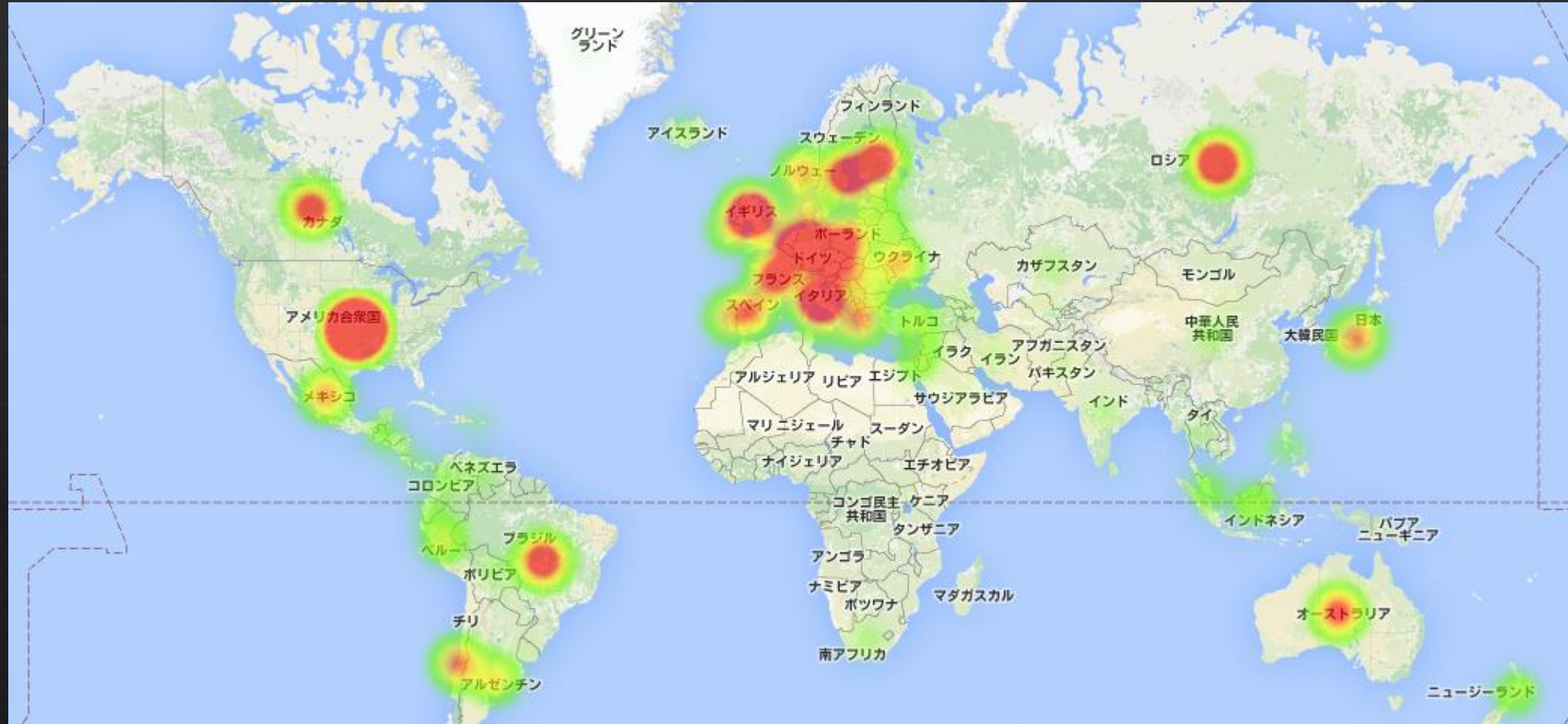


# Genre – Black Metal

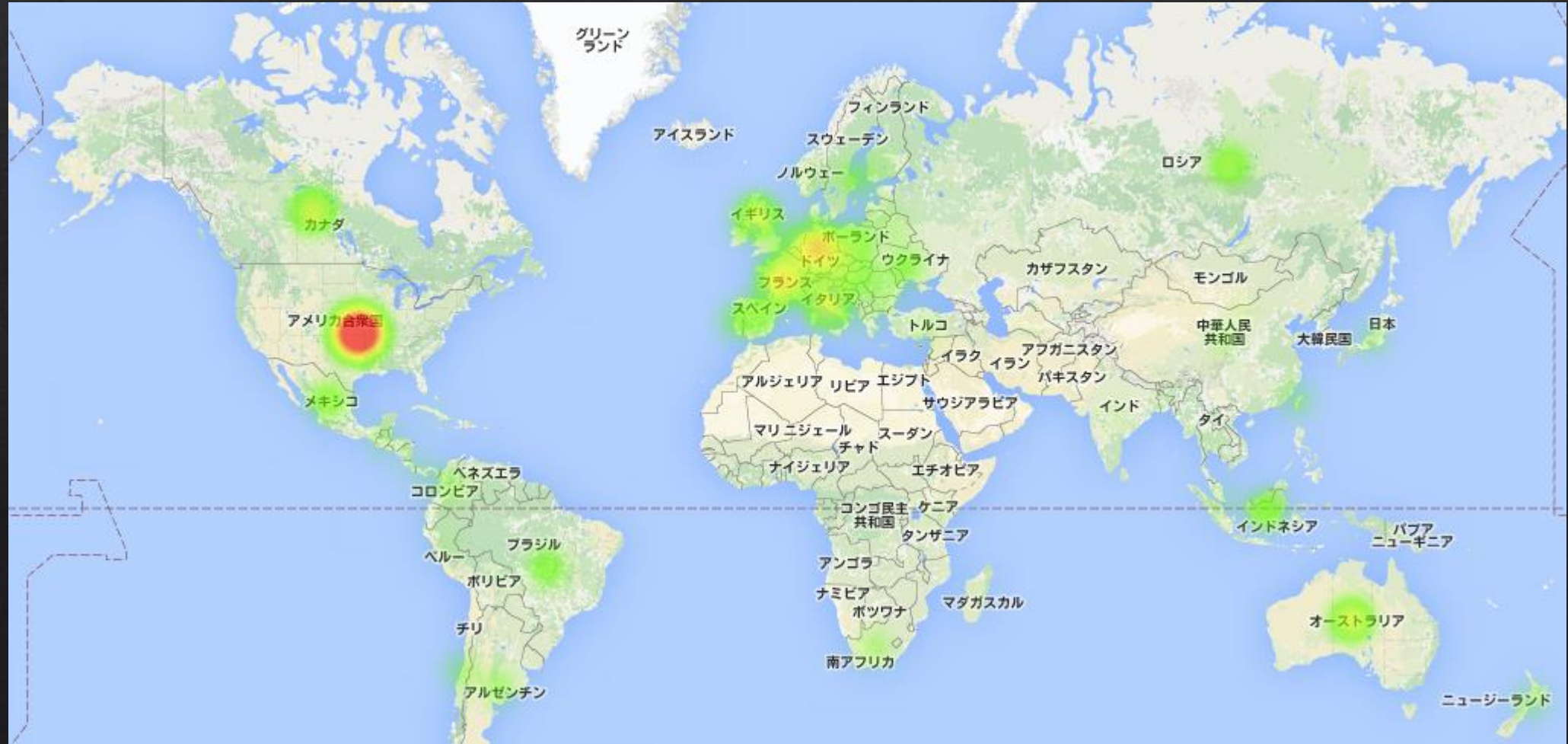




# Genre – Doom Metal

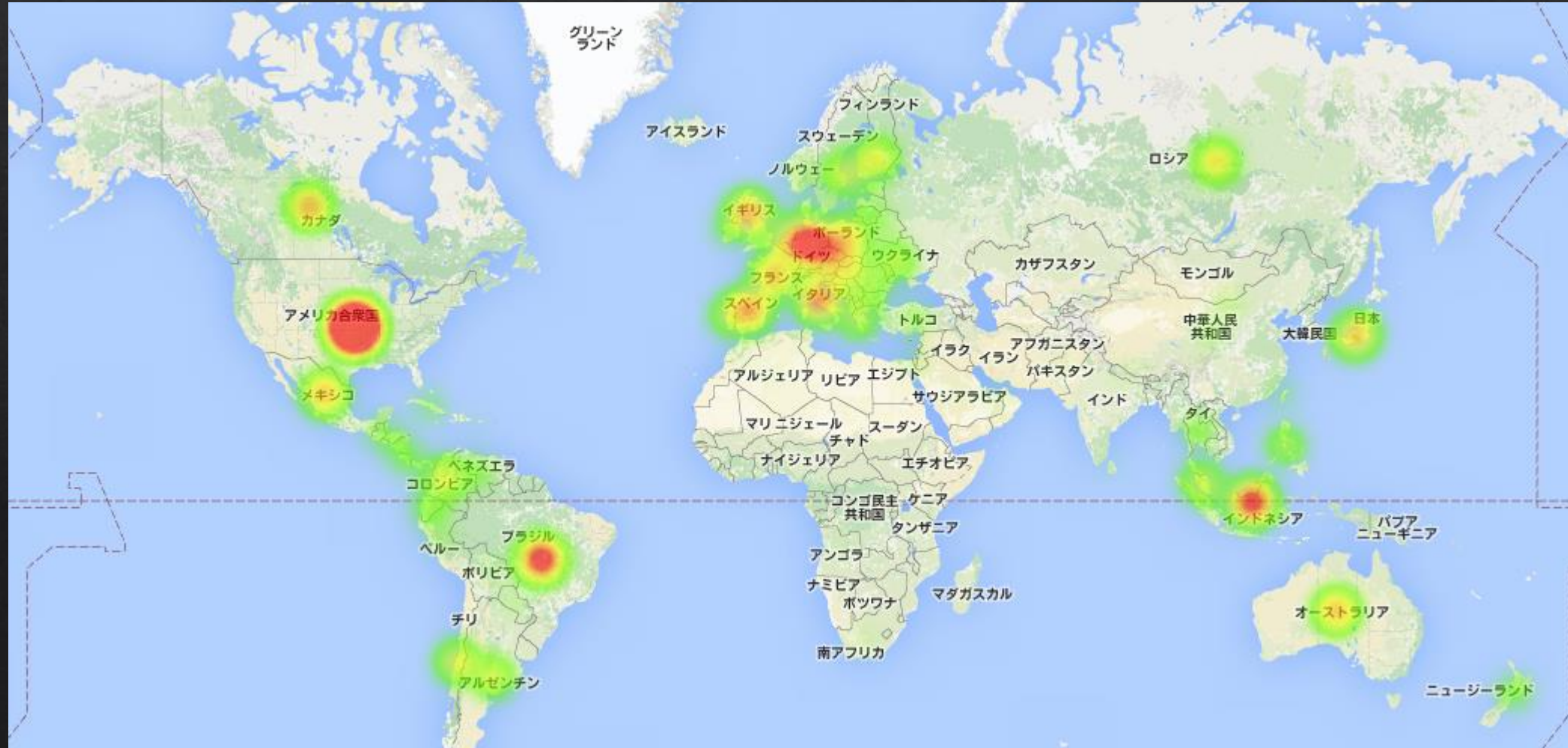


# Genre – Deathcore



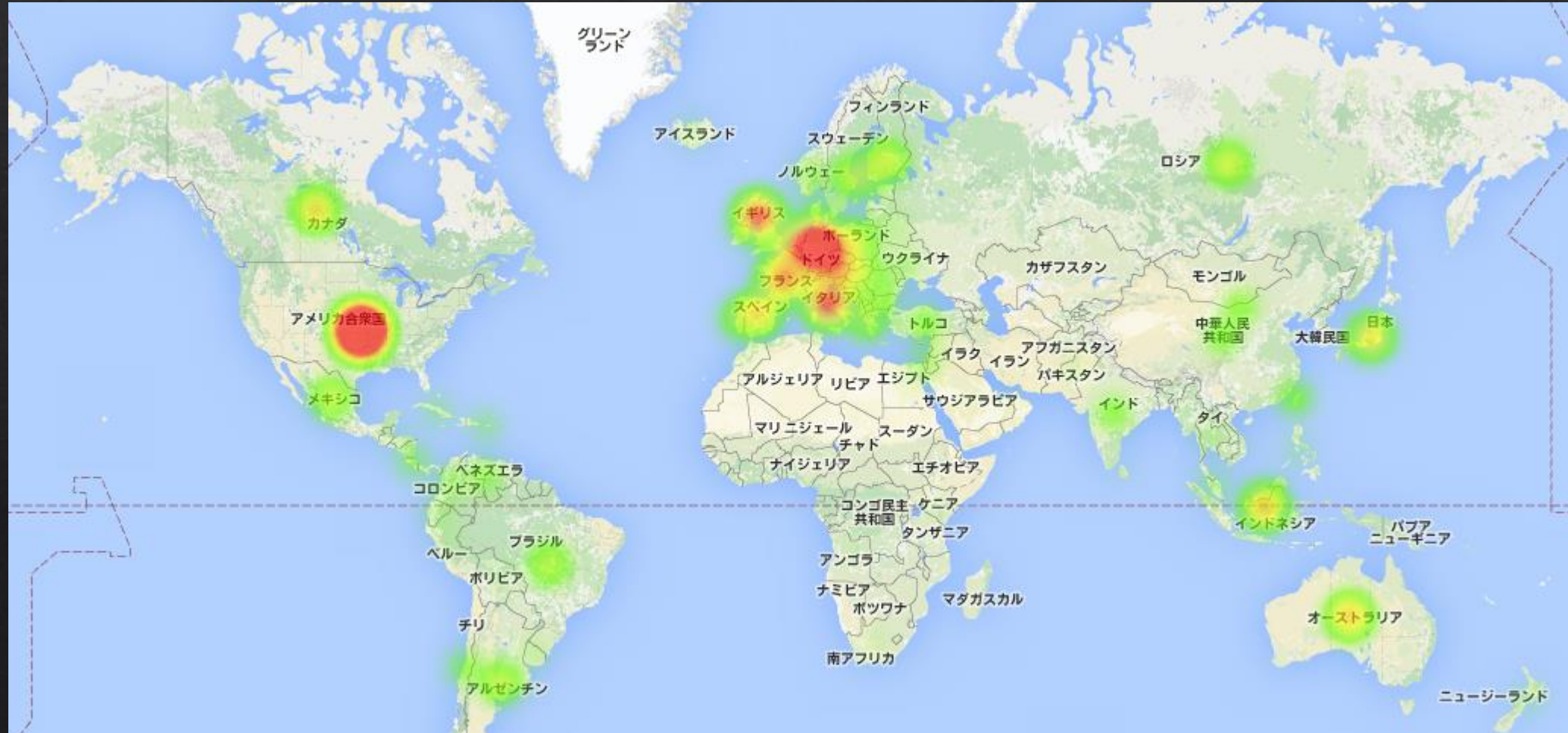


# Genre – Grindcore

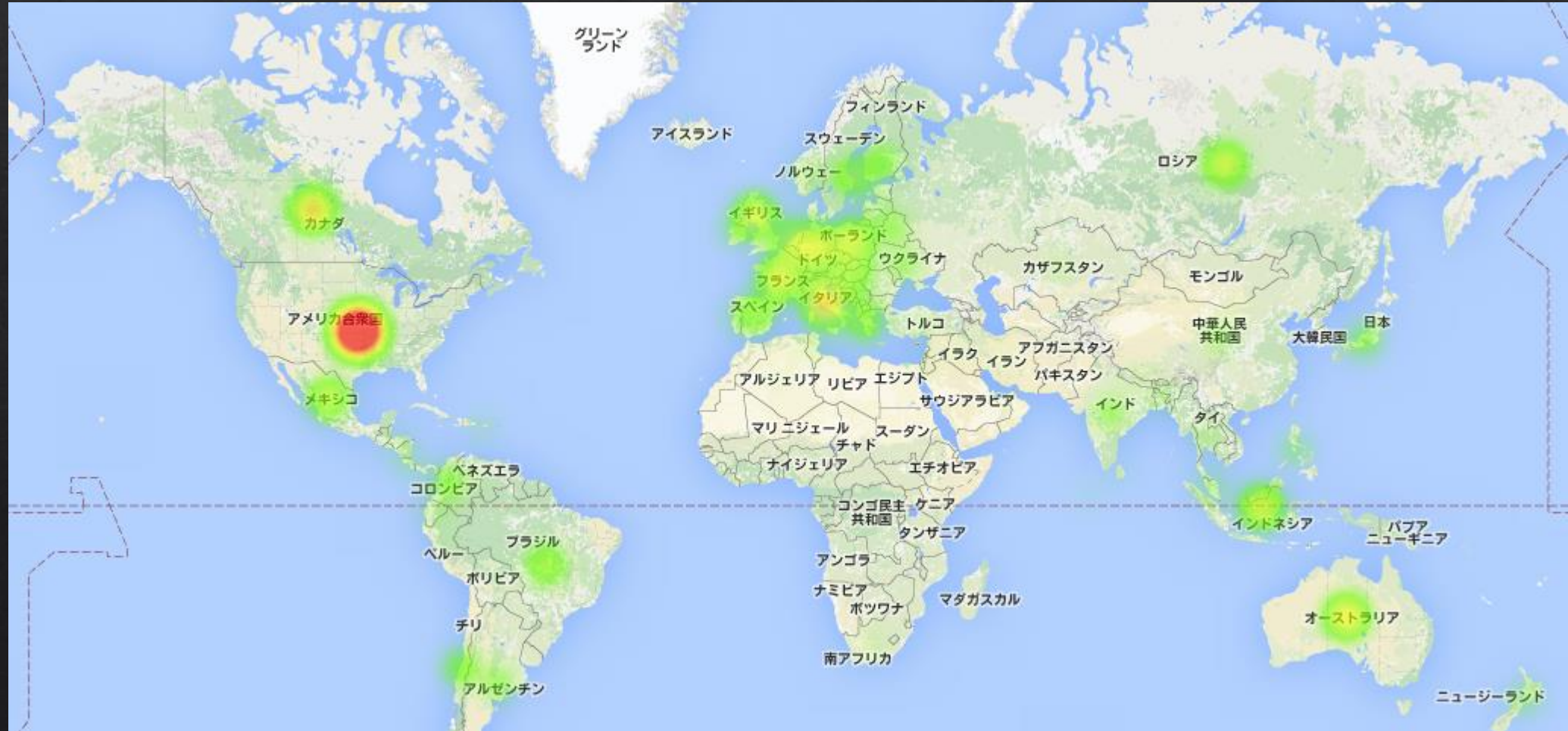




# Genre – Metalcore



# Genre – Technical \*\*\*



# End

◇ Locationでplotすると違う見え方になるかも