世界のband

地図上にplotしてみた

Encyclopaedia - Metallum

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）

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"

- "!úl..","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
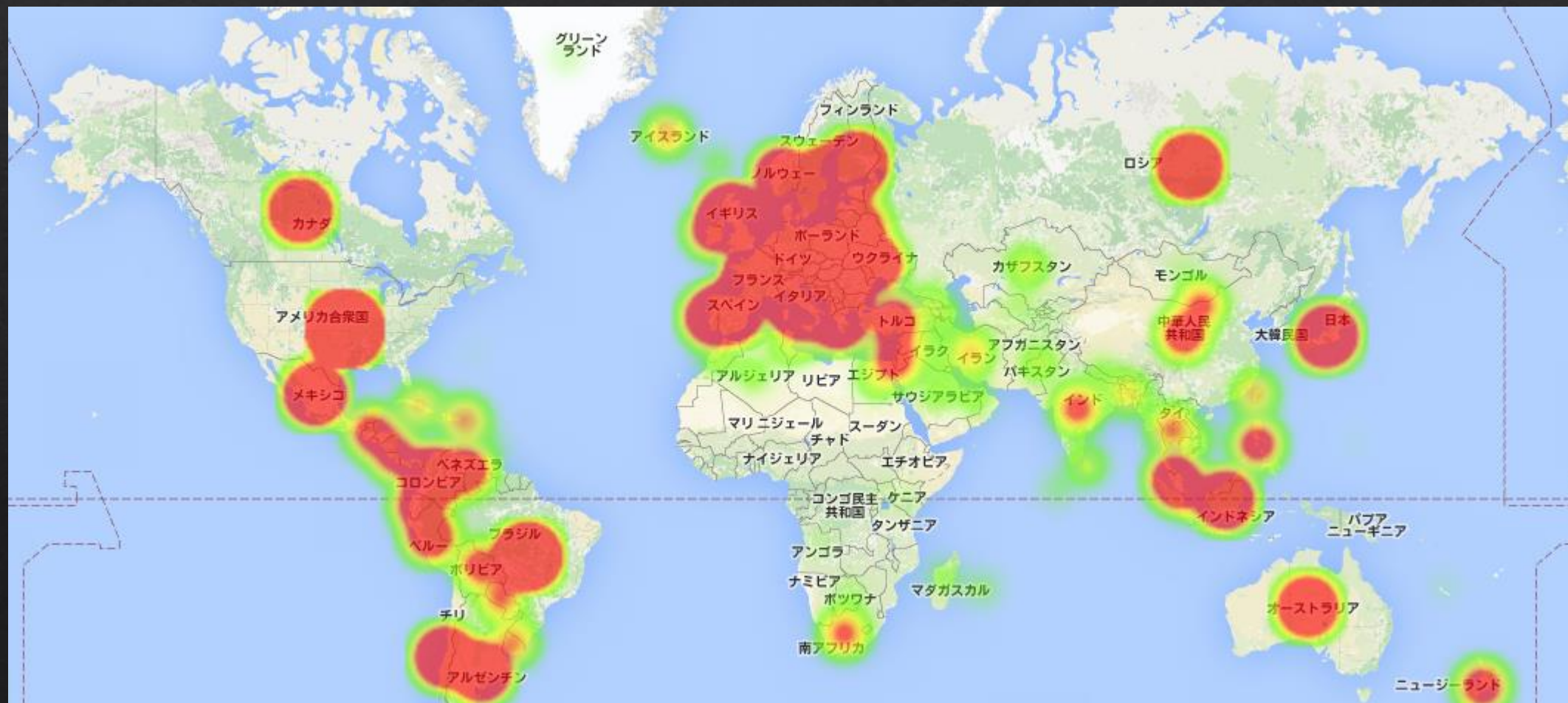- Andorra,42.506285,1.521801
- Angola,-11.202692,17.873887

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"
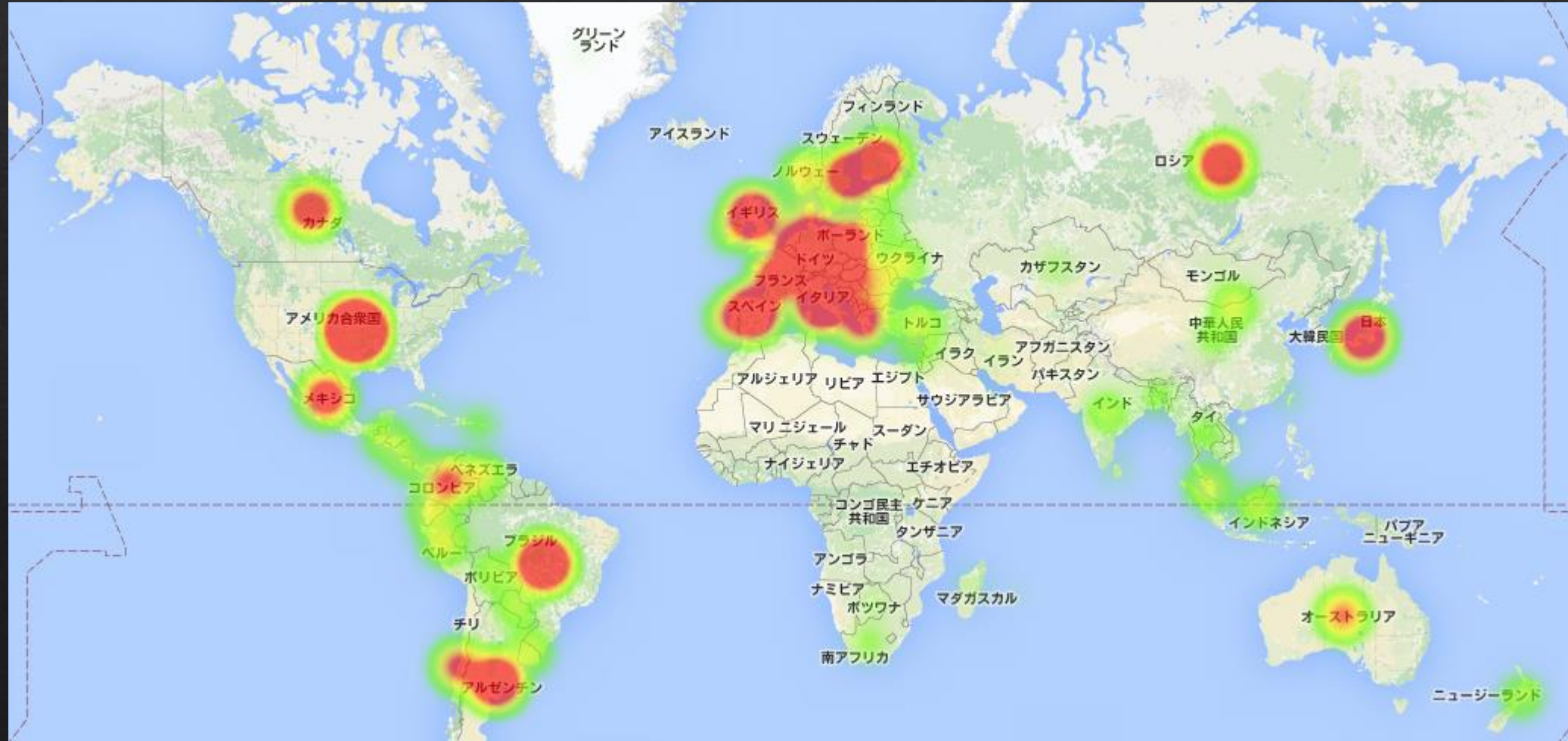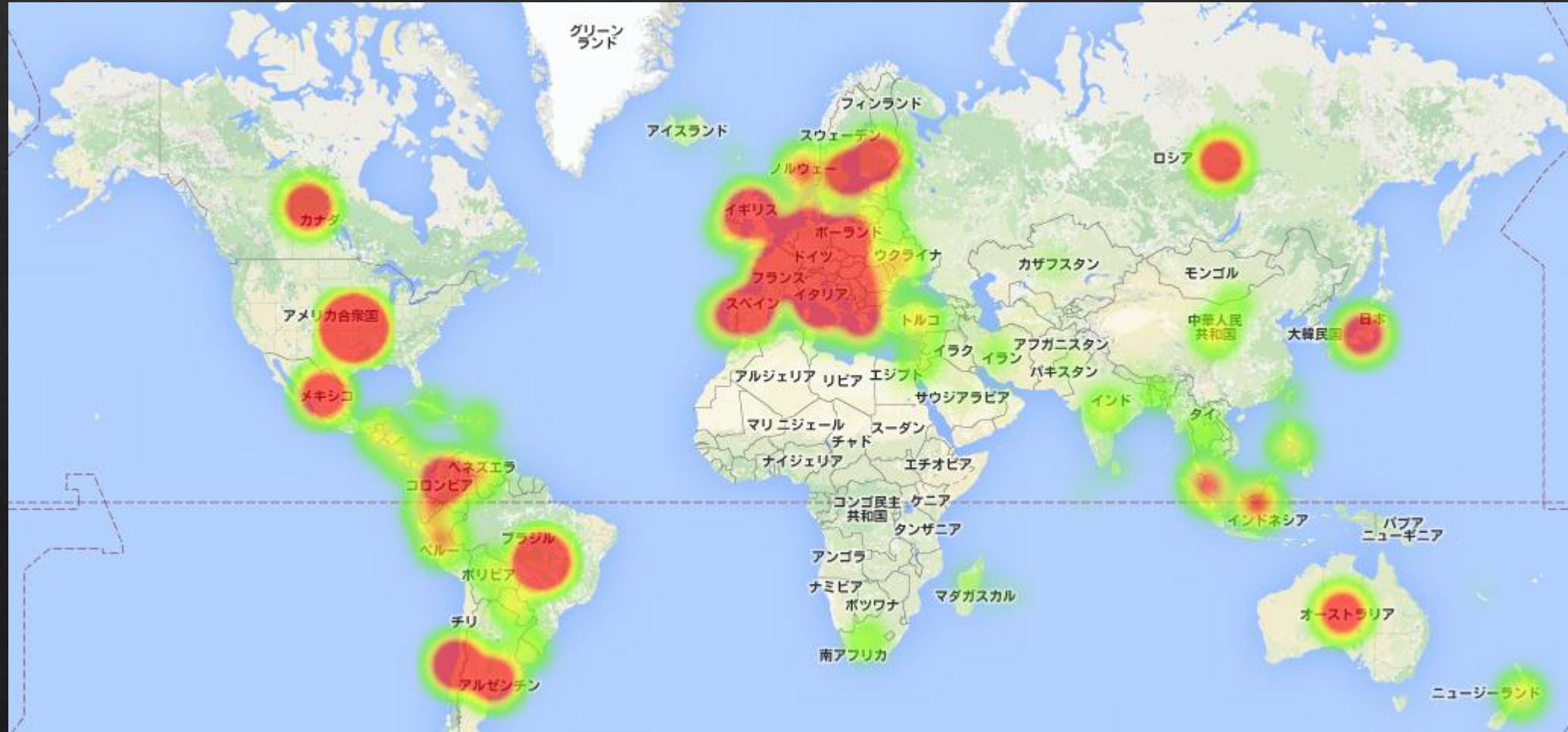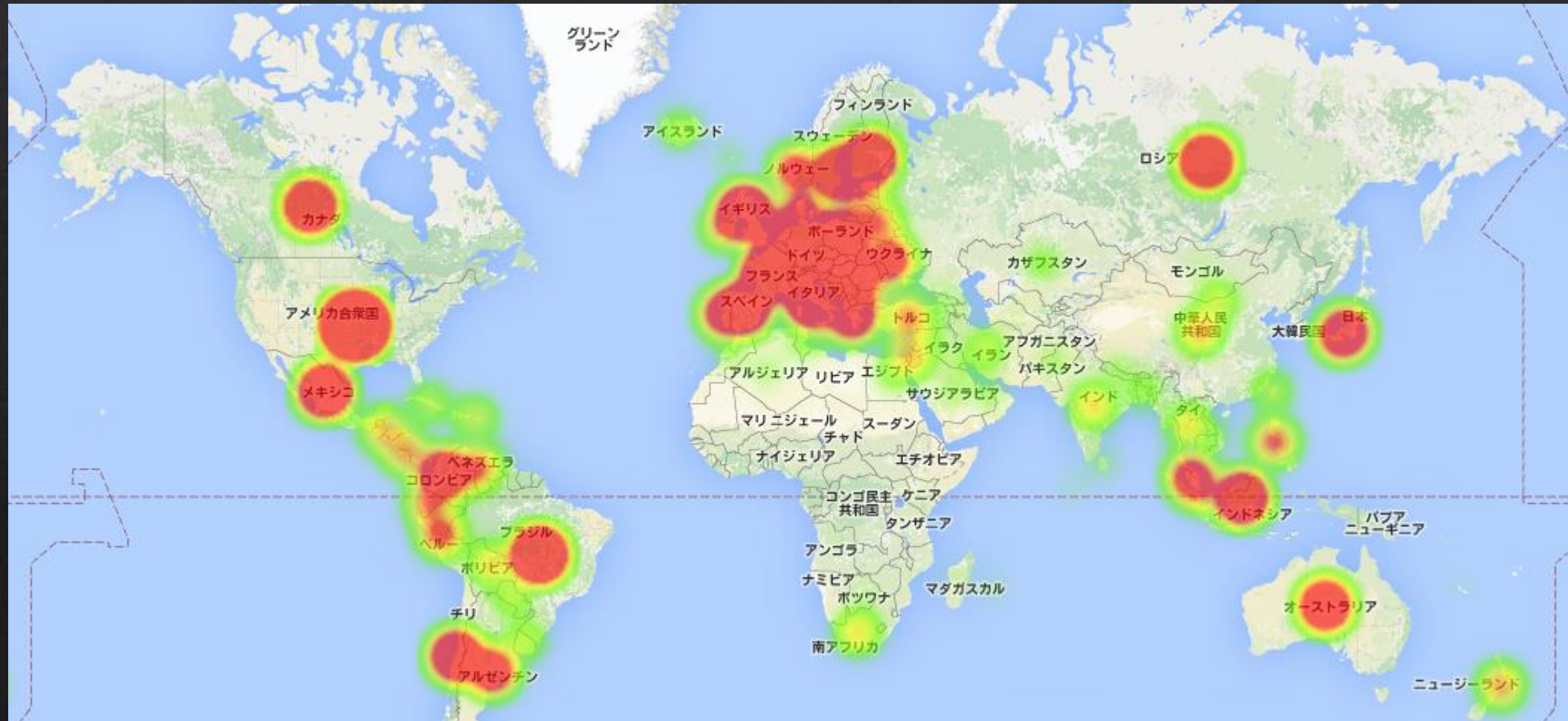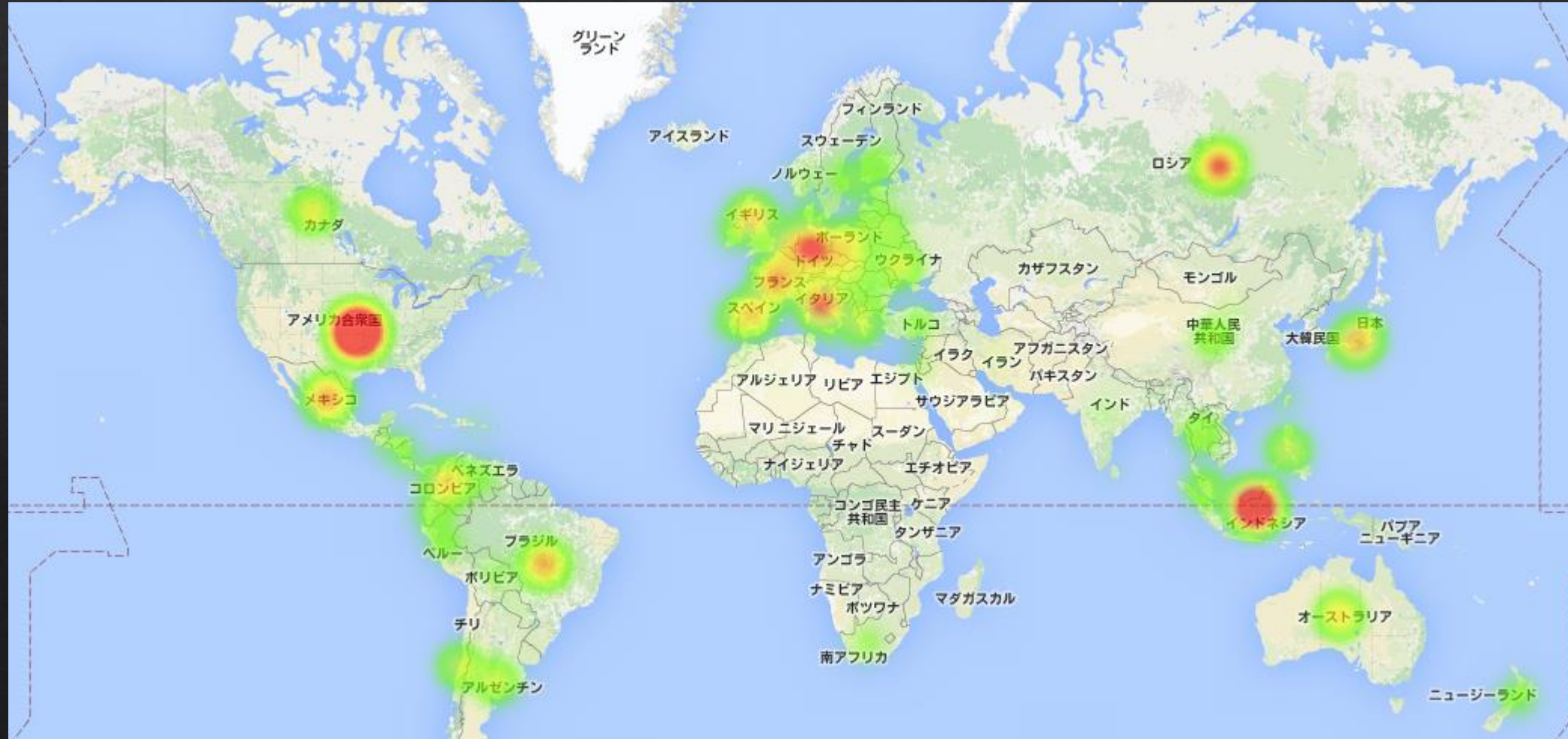
地図上にplot

Genre – Heavy Metal

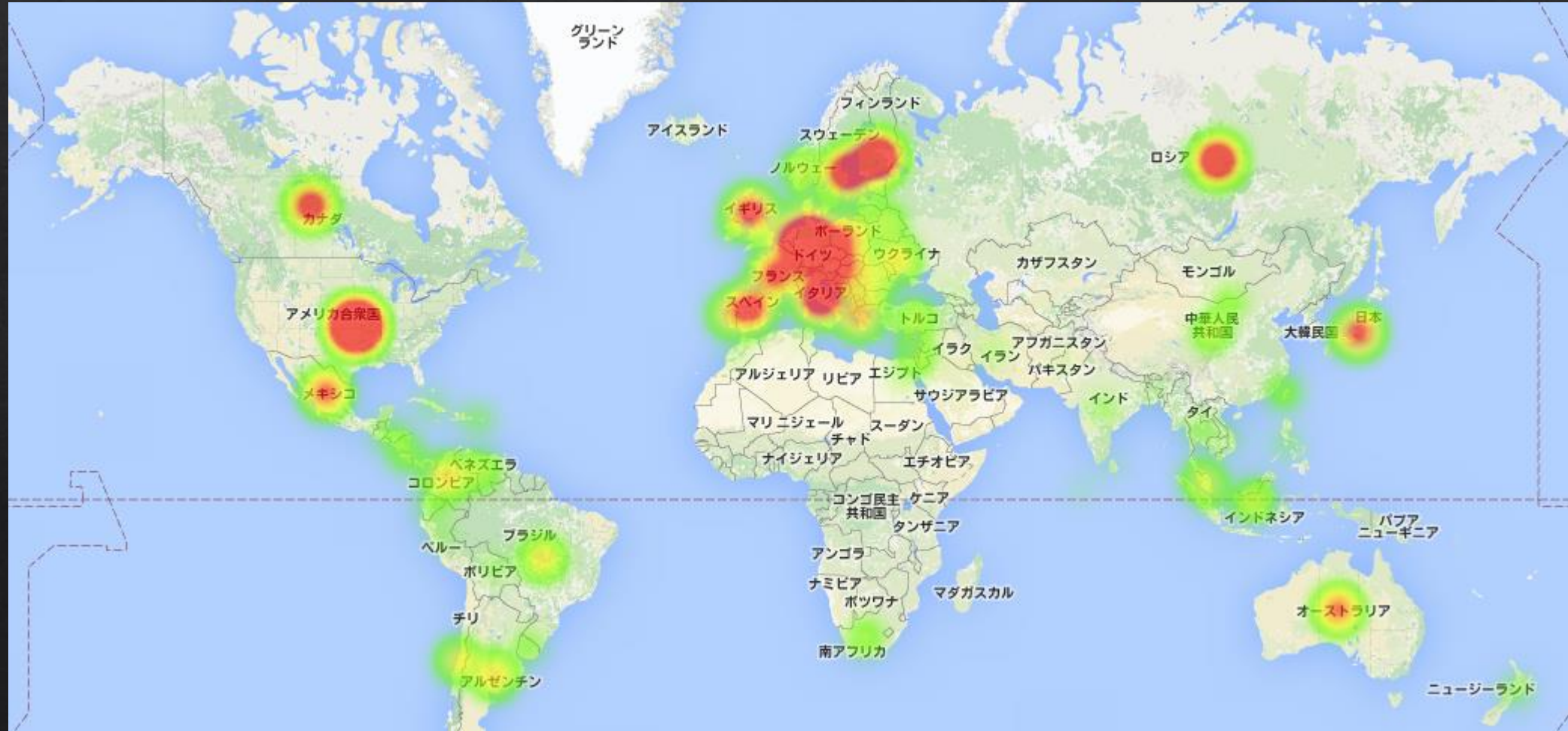# Genre – Thrash Metal
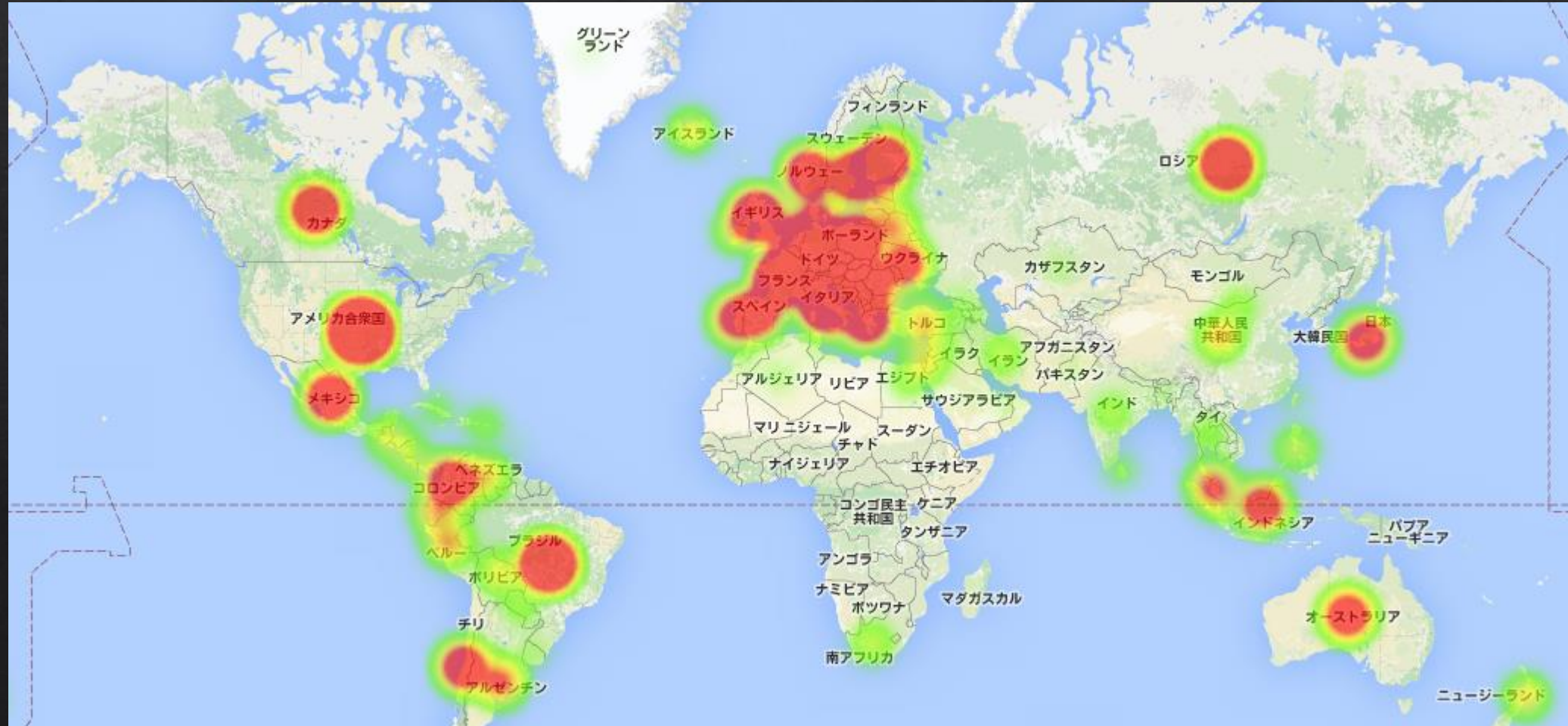
Genre – Death Metal

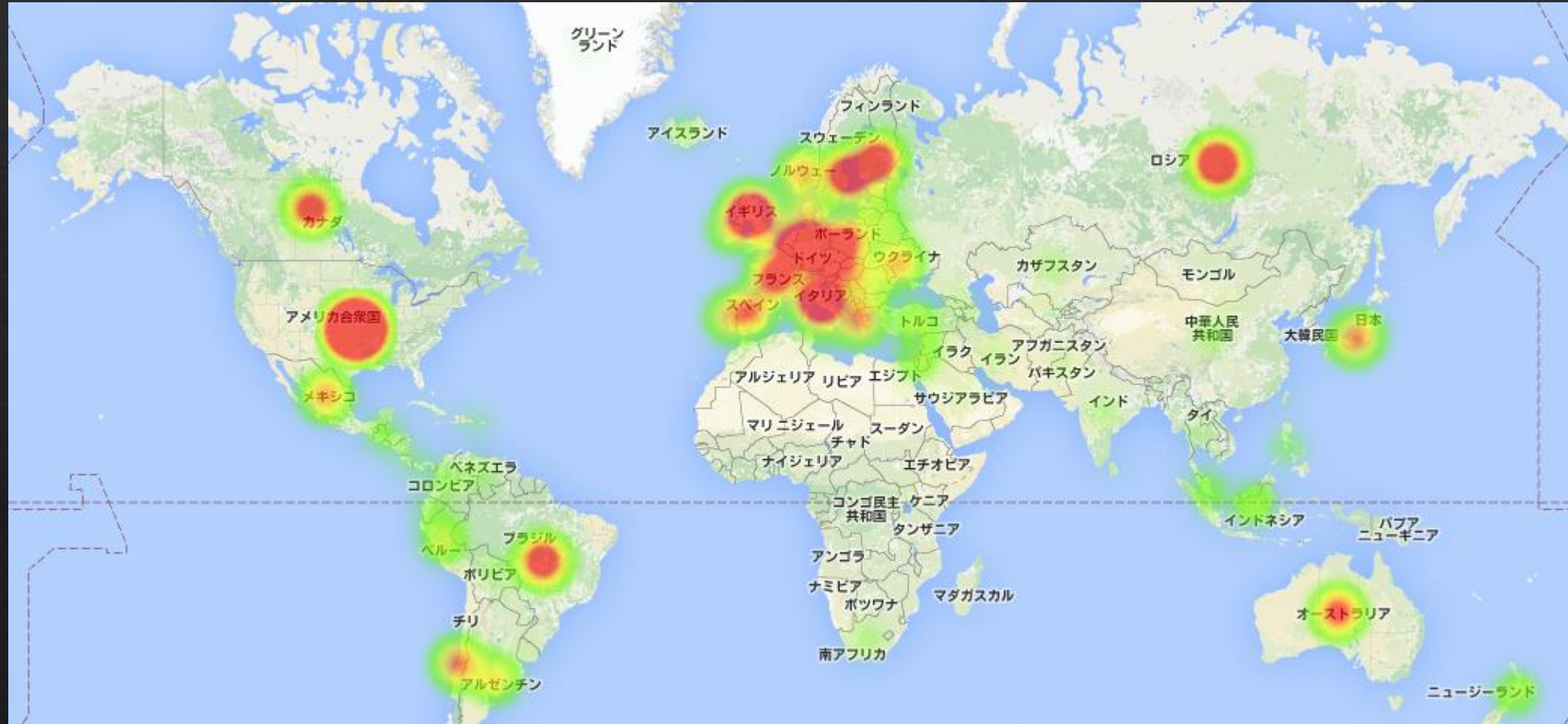# Genre – Brutal Death Metal
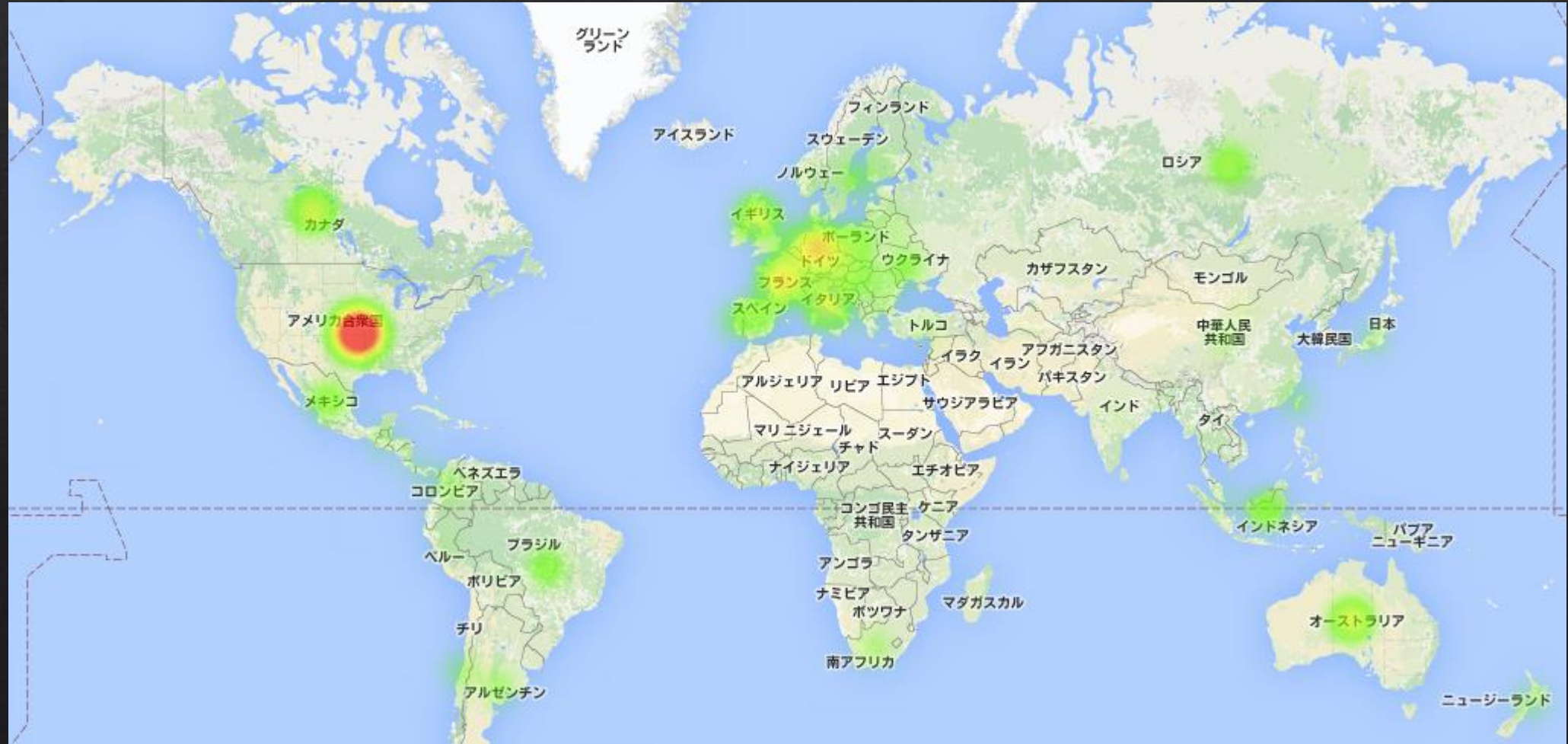
Genre – Melodic Death Metal

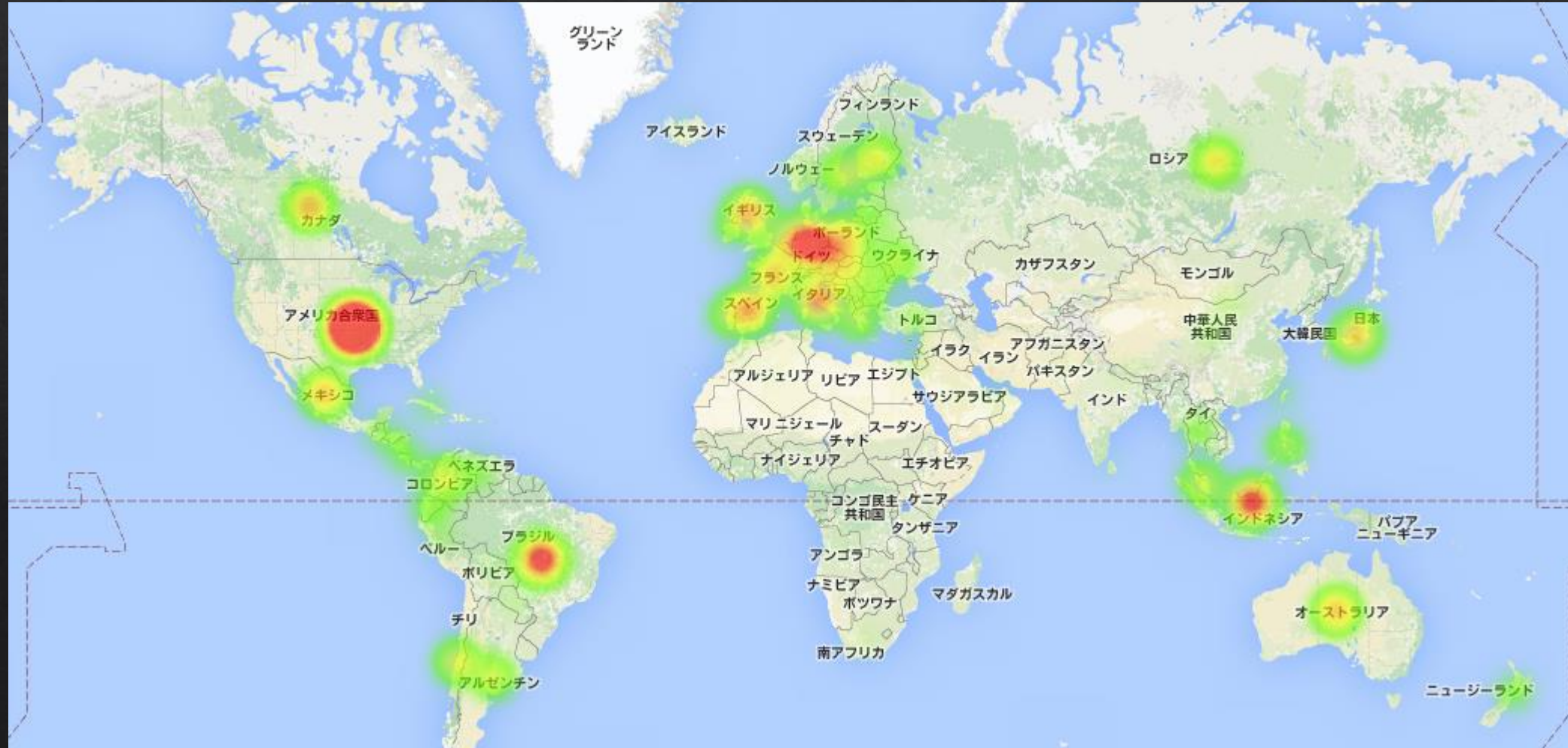# Genre – Black Metal

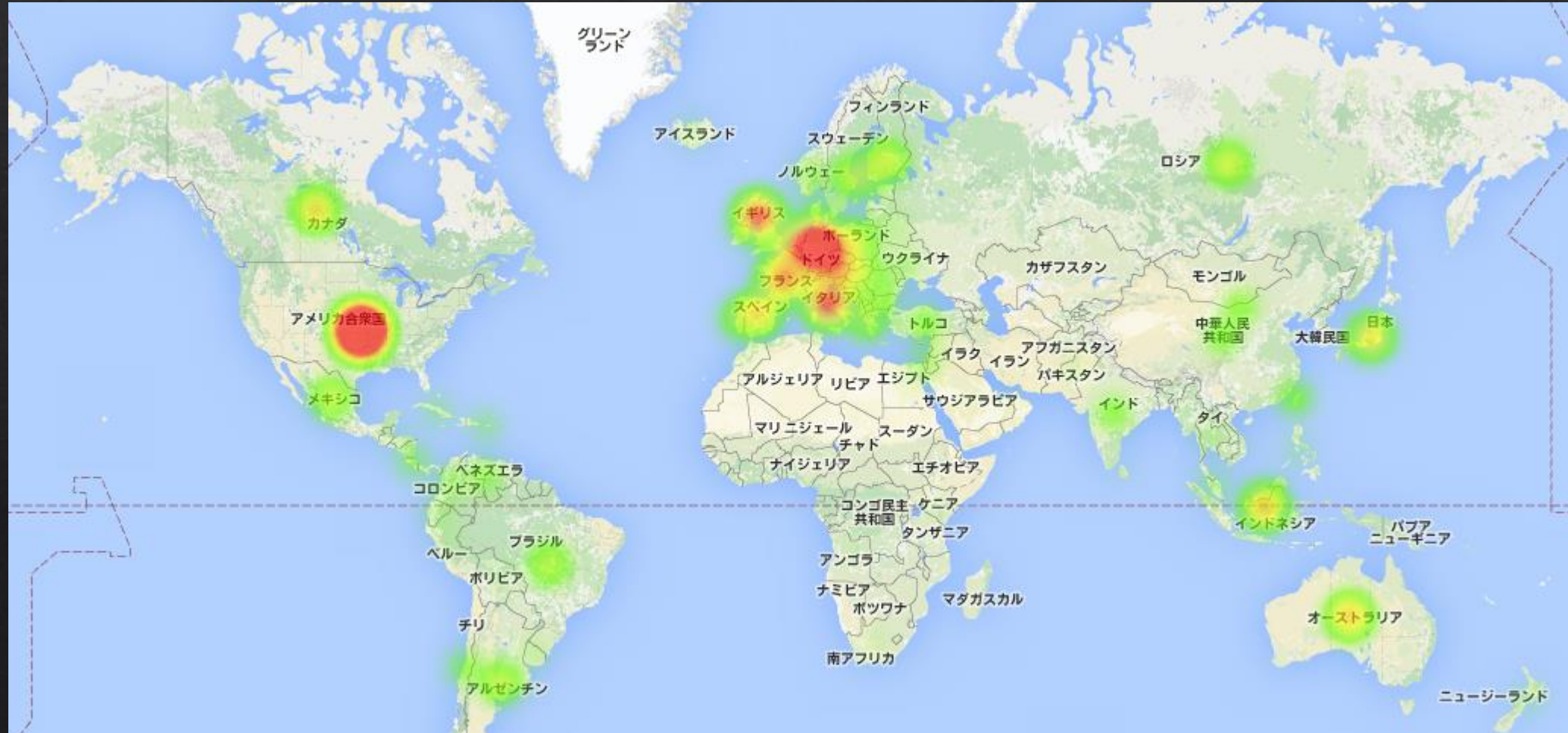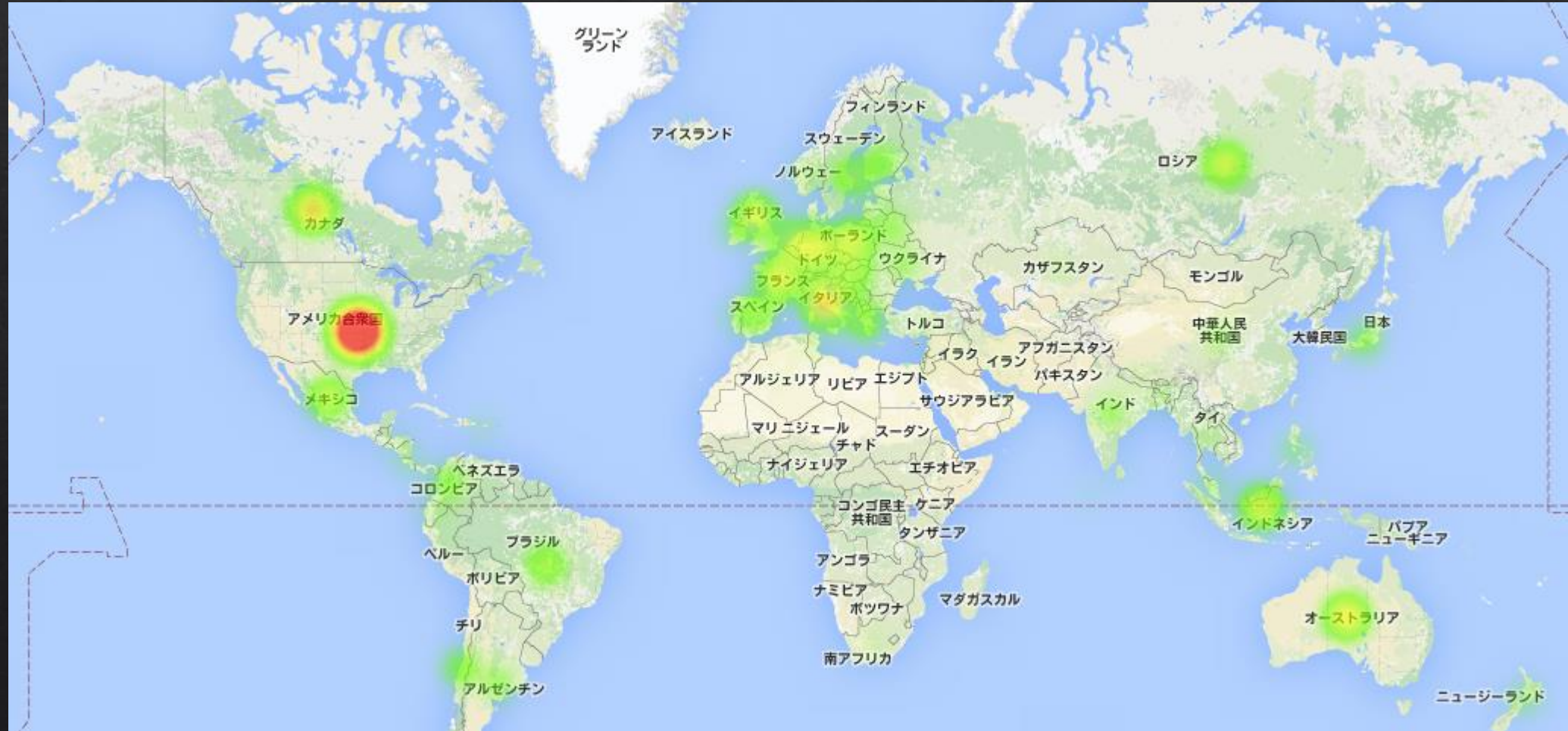# Genre – Doom Metal

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