Network analysis of the WHO GNAFCC: the Affiliates network





OMPLEX SYSTEMS AND NETWORK SCIENCE FOR PREVENTION AND CONTROI OF NONCOMMUNICABLE DISEASES

A WHO COLLABORATING CENTRE FOR RESEARCH AND TRAINING

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• To map and analyse the WHO GNAFCC Affiliates network characteristics

• Commissioned by WHO to inform GNAFCC expansion and strengthening

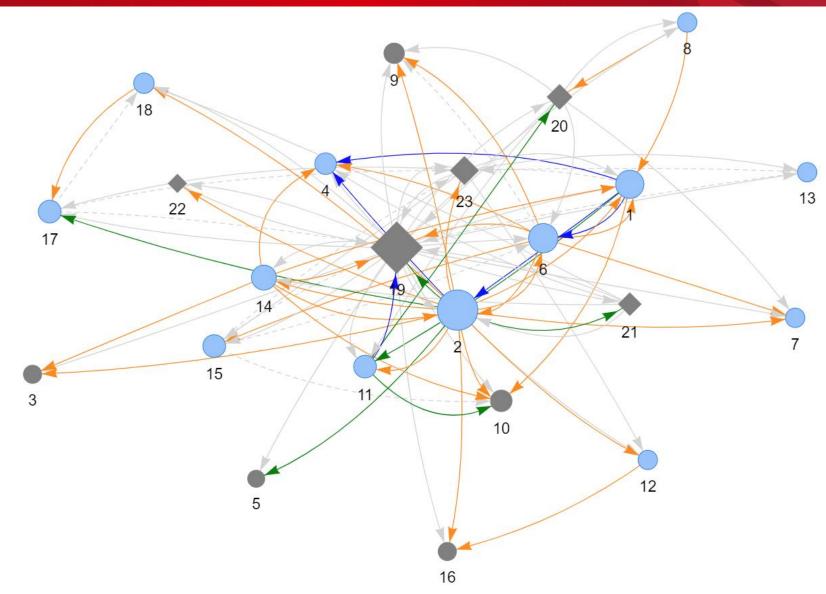
Methods



- Online survey questionnaire using StakeholderNet
 - Reasons for being part of the GNAFCC
 - Barriers to engage with other GNAFCC Affiliates
 - Nomination of Affiliates with whom they engaged in the past year, including purpose and level of engagement

• Data collected in September and October 2022

• Network analysis



Blue nodes: Affiliates that responded the survey. **Grey nodes:** Affiliates (and WHO Offices) that did not respond the survey but were nominated by respondents. **Diamonds:** WHO Offices. **Arrows:** orange – communication only; blue – share resources; green – joint programming; light grey – joint programming (reported by WHO Offices); dashed light grey – type of collaboration not informed.

Size of node scales with the number of total (incoming + outgoing) connections.

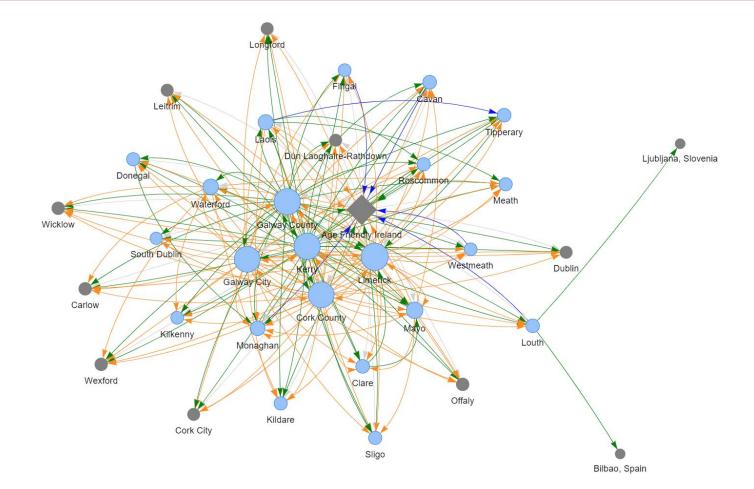
Key results and findings



- 13/18 (72%) of Affiliates responded the survey
- 54 connections reported (94 if including those originating from WHO offices)
 - 7 for joint programming, 5 for sharing resources, and 31 for communication only (purpose not reported for 11 connections)
- The statistics show that the WHO GNAFCC Affiliates network is "healthy": good density of connections, several groups of three or more Affiliates connected, and at least 50% of reciprocity
- Some asymmetry between those who want to be inspired (12/13) and inspire (8/13)
- Main barriers to be part of the WHO GNAFCC are lack of time (10/13) and of human resources or technical capacity (6/13)

Age Friendly Ireland Network





Blue nodes: AFI members that responded the survey. Grey nodes: AFI members (except for Bilbao and Ljubljana) that did not respond the survey but were nominated by respondents. Diamond: AFI Programme. Arrows: orange – communication only; blue – share resources; green – joint programming; light grey – joint programming (reported by the AFI Programme). Size of node scales with the number of total (incoming + outgoing) connections.