

**Minnesota Department of Health
Statewide Health Improvement Program
Grantees
October 7, 2009**

The following list of Statewide Health Improvement Program (SHIP) grantees is organized alphabetically by Community Health Board (CHB) and tribal government. CHBs are the governance structure for local health departments in Minnesota.

A list of multi-grantee intervention grants appear at the end of the list. (MGIs are two or more applicants working on one single intervention.)

Codes that follow interventions correspond to codes found in the Menu of Interventions (http://www.health.state.mn.us/healthreform/ship/rfp/SHIPRFP_Section3.pdf) in the SHIP Request for Proposals.

Aitkin-Itasca-Koochiching Community Health Board

See Carlton-Cook-Lake-St. Louis Community Health Board

Anoka County Community Health Board

Phase 2 - Implementation

Funding amount: \$2,341,000

Interventions:

- Implement a tobacco free policy to apply to all students, staff and visitors on all post-secondary school grounds, in student housing, and at all school sponsored events (C-T-S2)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement signage prompting use of stairs in worksites (C-PA-W2)
- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Becker County Human Services Board

See Clay-Wilkin Community Health Board

Benton County Human Services Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$356,000

Bloomington Community Health Board

Partners: Cities of Edina and Richfield Community Health Boards

Phase 2 – Implementation

Funding amount: \$1,607,000

Interventions:

- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement tobacco-free policies for parks, playgrounds, beaches, zoos, fairs, and other recreational settings (C-T-C4)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies and practices that support physical activity in licensed child care and pre-school settings (C-PA-C2)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement policies and practices that support healthy eating in licensed child care and pre-school settings (C-N-C2)
- Implement policies and practices that create active worksites by increasing opportunities for non-motorized transportation and access to recreation facilities (C-PA-W1)
- Support implementation of ICSI Guidelines for “Prevention and Management of Obesity” and “Primary Prevention of Chronic Disease Risk Factors” by health care providers for adults and children (C-HWHB-H1)

Blue Earth County Human Services Board

Phase 1 - Planning and Assessment

Implementation date: April 1, 2010

Funding amount: \$424,000

Bois Forte Band of Ojibwe

See Leech Lake Band of Ojibwe

Brown-Nicollet Community Health Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$497,000

Carlton-Cook-Lake-St. Louis Community Health Board

Partners: Aitkin-Itasca-Koochiching Community Health Board

Phase 2 - Implementation

Funding amount: \$2,463,000

Interventions:

- Implement a tobacco free policy to apply to all students, staff and visitors on all post-secondary school grounds, in student housing, and at all school sponsored events (C-T-S2)
- Implement mechanisms that connect students of post-secondary schools with existing cessation services (C-T-S5)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Implement breastfeeding practices in maternity care that provides prenatal, birth, and postpartum services (C-N-H1)

Carver County Community Health Board

Partners: Scott County

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$1,451,000

Chisago County Community Health Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$416,000

Clay-Wilkin Community Health Board

Partners: Becker Community Health Board, Otter Tail County Human Services Board

Phase 2 - Implementation

Implementation date: October 1, 2009

Funding amount: \$1,435,000

Interventions:

- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Support implementation of ICSI Guidelines for “Prevention and Management of Obesity” and “Primary Prevention of Chronic Disease Risk Factors” by health care providers for adults and children (C-HWHB-H1)

Cottonwood-Jackson Community Health Board

Partners: Redwood-Renville Community Health Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$705,000

Countryside Community Health Board (Big Stone County, Chippewa County, La Qui Parle County, Swift County, Yellow Medicine County)

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$498,000

Crow Wing County Community Health Board

Phase 1 - Planning and Assessment

Implementation date: April 1, 2010

Funding amount: \$431,000

Dakota County Community Health Board

Phase 2 - Implementation

Funding amount: \$2,783,000

Interventions:

- Implement a tobacco free policy to apply to all students, staff and visitors on all post-secondary school grounds, in student housing, and at all school sponsored events (C-T-S2)
- Implement mechanisms that connect students of post-secondary schools with existing cessation services (C-T-S5)
- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)

- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement voluntary smoke-free housing policies in multi-unit housing (C-T-C2)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies and practices that support physical activity in licensed child care and pre-school setting (C-PA-C2)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement policies and practices that support healthy eating in licensed child care and pre-school settings (C-N-C2)
- Implement worksite policies for tobacco-free grounds (C-T-W1)
- Implement mechanisms that connect people with existing effective cessation services in worksites (C-T-W2)
- Implement policies and practices that support increased consumption of fruits and vegetables and other nutritious foods in worksites (C-N-W1)
- Implement breastfeeding practices in maternity care that provides prenatal, birth, and postpartum services (C-N-H1)

Dodge-Steele Community Health Board

See Winona County Community Health Board

Douglas County Public Health

Partners: Mid-State Community Health Board (Grant County, Stevens County, Traverse County, Pope County)

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$770,000

Edina Community Health Board

See Bloomington Community Health Board

Faribault-Martin Human Services Board

Partners: Watonwan County Human Services Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$648,000

Fillmore-Houston Community Health Board

See Winona County Community Health Board

Fond du Lac Reservation

See Leech Lake Band of Ojibwe

Freeborn County Community Health Board

See Winona County Community Health Board

Goodhue County Community Health Board

See Winona County Community Health Board

Grand Portage Band Tribal Office

See Leech Lake Band of Ojibwe

Hennepin County Community Health Board

Phase 2 - Implementation

Funding amount: \$4,216,000

Interventions:

- Implement a tobacco free policy to apply to all students, staff and visitors on all post-secondary school grounds, in student housing, and at all school sponsored events (C-T-S2)
- Implement a tobacco-free policy to apply to students, staff and visitors on all K-12 school grounds, in school vehicles, and at all school sponsored events (C-T-S4)
- Implement mechanisms that connect students of post-secondary schools with existing cessation services (C-T-S5)
- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement voluntary smoke-free housing policies in multi-unit housing (C-T-C2)
- Implement tobacco free policies for parks, playgrounds, beaches, zoos, fairs, and other recreational settings (C-T-C4)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement policies and practices that create active worksites by increasing opportunities for non-motorized transportation and access to recreation facilities (C-PA-W1)
- Implement policies and practices that support increased consumption of fruits and vegetables and other nutritious foods in worksites (C-N-W1)

- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Support implementation of ICSI Guidelines for “Prevention and Management of Obesity” and “Primary Prevention of Chronic Disease Risk Factors” by health care providers for adults and children (C-HWHB-H1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Isanti-Mille Lacs Community Health Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$523,000

Kanabec-Pine Community Health Board

Phase 1 - Planning and Assessment

Implementation date: April 1, 2010

Funding amount: \$392,000

Kandiyohi County Community Health Board

Phase 2 - Implementation

Funding amount: \$427,000

Interventions:

- Implement a tobacco-free policy to apply to students, staff and visitors on all K-12 school grounds, in school vehicles, and at all school sponsored events (C-T-S4)
- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement tobacco free policies for parks, playgrounds, beaches, zoos, fairs, and other recreational settings (C-T-C4)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies and practices that support physical activity in licensed child care and pre-school setting (C-PA-C2)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement polices and practices that support healthy eating in licensed child care and pre-school settings (C-N-C2)

- Implement policies and practices that support increased consumption of fruits and vegetables and other nutritious foods in worksites (C-N-W1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Leech Lake Band of Ojibwe

Partners: Mille Lacs Band of Ojibwe, Red Lake Comprehensive Health Services, Bois Forte Band of Ojibwe, Grand Portage Band Tribal Office, White Earth Band of Ojibwe, Fond du Lac Reservation

Phase 1 - Planning and Assessment

Implementation date: April 1, 2010

Funding amount: \$1,357,000

Le Sueur-Waseca Community Health Board

Phase 1 – Planning and Assessment

Implementation date: April 1, 2010

Funding amount: \$407,000

Lincoln-Lyon-Murray-Pipestone Community Health Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$488,000

Meeker-McLeod-Sibley Community Health Board

Phase 1 - Implementation

Implementation date: October 1, 2009

Funding amount: \$659,000

Interventions:

- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies and practices that support physical activity in licensed child care and pre-school setting (C-PA-C2)
- Implement mechanisms that connect people with existing effective cessation services in worksites (C-T-W2)
- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that

increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Mid-State Community Health Board (Grant County, Stevens County, Traverse County, Pope County)

See Douglas County Public Health

Mille Lacs Band of Ojibwe

See Leech Lake Band of Ojibwe

Minneapolis Community Health Board

Phase 2 - Implementation

Funding amount: \$2,650,000

Interventions:

- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)
- Implement policies and practices that support quality school-based physical education (C-PA-S2)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement voluntary smoke-free housing policies in multi-unit housing (C-T-C2)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies and practices that support physical activity in licensed child care and pre-school setting (C-PA-C2)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement policies and practices that support healthy eating in licensed child care and pre-school settings (C-N-C2)
- Implement policies and practices that create active worksites by increasing opportunities for non-motorized transportation and access to recreation facilities (C-PA-W1)
- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Morrison-Todd-Wadena Community Health Services Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$583,000

Mower County Community Health Board

See Winona County Community Health Board

Nobles-Rock Community Health Board

Phase 2 - Implementation

Implementation date: October 1, 2009

Funding amount: \$367,000

Interventions:

- Implement mechanisms that connect students of post-secondary schools with existing cessation services (C-T-S5)
- Implement policies and practices that support quality school-based physical education (C-PA-S2)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement mechanisms that connect people with existing effective cessation services in worksites (C-T-W2)
- Implement policies and practices that support increased consumption of fruits and vegetables and other nutritious foods in worksites (C-N-W1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Norman-Mahnomen Community Health Board

See Polk County Community Health Board

North Country Community Health Board (Beltrami County, Hubbard County, Lake of the Woods County, Clearwater County)

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$565,000

Olmsted County Community Health Board

Phase 2 - Implementation

Funding amount: \$1,072,000

Interventions:

- Implement a tobacco free policy to apply to all students, staff and visitors on all post-secondary school grounds, in student housing, and at all school sponsored events (C-T-S2)
- Implement mechanisms that connect students of post-secondary schools with existing cessation services (C-T-S5)
- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies and practices that support physical activity in licensed child care and pre-school setting (C-PA-C2)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement worksite policies for tobacco-free grounds including parking lots (C-T-W1)
- Implement mechanisms that connect people with existing effective cessation services in worksites (C-T-W2)
- Implement policies and practices that support increased consumption of fruits and vegetables and other nutritious foods in worksites (C-N-W1)
- Implement breastfeeding practices in maternity care that provides prenatal, birth, and postpartum services (C-N-H1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Otter Tail County Human Services Board

See Clay-Wilkin Community Health Board

Polk County Community Health Board

Partners: Quin County Community Health Board, Norman-Mahnomen Community Health Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$1,110,000

Quin County Community Health Board (Kitson County, Marshall County, Pennington County, Red Lake County, Roseua County)

See Polk County Community Health Board

Red Lake Comprehensive Health Services

See Leech Lake Band of Ojibwe

Redwood-Renville Community Health Board

See Cottonwood-Jackson Community Health Board

Rice County Community Health Board

Phase 2 - Implementation

Funding amount: \$568,000

Interventions:

- Implement mechanisms that connect students of post-secondary schools with existing cessation services (C-T-S5)
- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement mechanisms that connect people with existing effective cessation services in worksites (C-T-W2)
- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Implement mechanisms that connect people with existing effective cessation services in the health care setting (C-T-H2)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Richfield Community Health Board

See Bloomington Community Health Board

St. Paul-Ramsey County Community Health Board

Phase 2 - Implementation

Funding amount: \$3,570,000

Interventions:

- Implement a tobacco free policy to apply to all students, staff and visitors on all post-secondary school grounds, in student housing, and at all school sponsored events (C-T-S2)

- Implement a tobacco-free policy to apply to students, staff and visitors on all K-12 school grounds, in school vehicles, and at all school sponsored events (C-T-S4)
- Implement policies and practices that create active schools by increasing opportunities for non-motorized transportation and access to school recreation facilities (C-PA-S1)
- Implement policies and practices that support quality school-based physical education (C-PA-S2)
- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement voluntary smoke-free housing policies in multi-unit housing (C-T-C2)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Scott County Human Services Board

See Carver County Community Health Board

Sherburne County Community Health Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$604,000

Stearns County Human Services Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$917,000

Upper Sioux Community

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$153,000

Wabasha County Human Services Board

See Winona County Community Health Board

Washington County Community Health Board

Phase 2 - Implementation

Implementation date: October 1, 2009

Funding amount: \$1,533,000

Interventions:

- Implement comprehensive nutrition policies including: breakfast promotion; healthy lunch and snacks; school gardens; and farm-to-school initiatives (C-N-S1)
- Implement policies and practices that create active communities by increasing opportunities for non-motorized transportation and access to community recreation facilities (C-PA-C1)
- Implement policies, practices, and environmental changes that improve access to nutritious foods in the community (C-N-C1)
- Implement policies and practices that support healthy eating in licensed child care and pre-school settings (C-N-C2)
- Implement a comprehensive employee wellness initiative that provides health assessment with follow-up coaching; ongoing health education; and has policies and environment supports that promote healthy weight and healthy behaviors (C-HWHB-W1)
- Implement breastfeeding practices in maternity care that provides prenatal, birth, and postpartum services (C-N-H1)
- Develop relationships among health care providers and community leaders and build partnerships to facilitate active referral of patients to local resources that increase access to high quality nutritious foods, opportunities for physical activity, and tobacco use cessation (C-HWHB-H2)

Watonwan County Human Services Board

See Faribault-Martin Human Services Board

White Earth Band of Ojibwe

See Leech Lake Band of Ojibwe

Winona County Community Health Board

Partners: Dodge-Steele Community Health Board, Mower County Community Health Board, Freeborn Community Health Board, Wabasha County Human Services Board, Goodhue County Community Health Board, Fillmore-Houston Community Health Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$2,770,000

Wright County Human Services Board

Phase 1 - Planning and Assessment

Implementation date: January 1, 2010

Funding amount: \$764,000

Multi-Grantee Interventions

* = lead agency

City of Minneapolis Community Health Board,* Hennepin County Community Health Board, City of Bloomington Community Health Board, City of Edina Community Health Board, City of Richfield Community Health Board

Phase 2 - Implementation

Funding amount: \$513,000

Interventions:

- Support implementation of ICSI Guidelines for “Prevention and Management of Obesity” and “Primary Prevention of Chronic Disease Risk Factors” by health care providers for adults and children (C-HWHB-H1)

Otter Tail Human Services Board,* Clay-Wilkin Community Health Board, Becker County Community Health Board, Douglas County Community Health, Mid-State Community Health Board (Grant County, Stevens County, Traverse County, Pope County)

Phase 2 – Implementation

Funding amount: \$425,000

Interventions:

- Implement breastfeeding practices in maternity care that provides prenatal, birth, and postpartum services (C-N-H1)