Ugz-cpf ugcuqp-fgrgpfgpv dgjcxkqwt kp c łkijvnguu kpugev, vjg Awemncpf vtgg ygvc

Rtkueknnc M Ygjk^{1,4}*, Mwttc{ Jqtigpugp cpf Mct{ Mqticp-Tkejctfu

Dgretv ogpv qh Bkqnqikeen Uekgpegu, Wpkxgtukv{ qh Yckmcvq, Rtkxcvg Bci kp c ugzwcm{ fkoqtrjke, jctgo-hqtokpi kpugev, vjg Awemncpf vtgg ygvc (). Fktuv yg guvcdnkujgf ctvkŁeken ecxkvkgu cu fkwtpen tghwig ecxkvkgu cpf rqvgpvken jctgo i wetfkpi ukvgu. Yg vjgp gz okpgf ecxkv{ qeewrcpe{ ejcpigu, cpf, dcugf qp qwt mpqyngfig qh rtkqt qeewrcpvu, fgvgt okpgf ugz-urgekŁe revvgtpu qh ettkxen, fgretvwtg, cpf ci i tgi evkqp ev e rqrwnevkqp ngxgn vj tqwi j qwv vjg {get. Bqvj ugcuqp cpf vjg ugz qh rtkqt qeewrcpvu kpł wgpegf y gve qeewrcpe{ revvgtpu. Mquv qdugtxevkqpu ygtg qh ukpi ng hg o cngu. Hq ygxgt, dqvj o engu cpf hg o engu o qxgf kpvq ecxkvkgu rtgxkqwun{ qeewrkgf d{ c ygve qh vjg qrrqukvg ugz oqtg qhvgp vjcp gzrgevgf d{ ejcpeg enqpg. Fg o engu cxqkfgf ecxkvkgu y jgtg qvjgt hg o engu ygtg rtgugpv, gzegrv fwtkpi uw o ogt y jgp o quv jetg ou hqt ogf. Ip getn{ uw o ogt, o eng cpf hg o eng vtgg ygve rtgxkqwun{ nkxkpi cretv dgicp eq-jedkvkpi. Ggpgtem{ vjgtg ycu nkvvng tgnevkqpujkr dgvyggp vjg pw odgt cpf ugz qh vjg ygve kpukfg eexkvkgu cpf hg o eng

fgq fgrct S tg t S gu S # e # ecxkT MtT S gp hg o cng y gvc cv v j ku ukvg ctg o qdkng cpf o c{ ugctej hqt o cvgu fwtkpi v jg uwo o gt. V jg fcvc ctg eqpukuvgpv y kv j c rqn{ i {pcpftqwu o cvkpi u {uvg o cu kphgttgf hqt qv jgt vtgg y gvc urgekgu (urr.).

Keywords: ciitgicvkqp; jctgo; ocvkpi u{uvgo; Qtvjqrvgtc; rqn{i{p{

Ipvtqfwevkqp

Ugctej kpi hqt ocvgu ecp dg equvn{ (Gy {ppg 1987; Aejct{c 1995), dwv pqpgvjgnguu ku c tgswktg ogpv hqt oquv ugzwcm{ tgrtqfwekpi qti cpku ou (Kqmmq & Yqpi 2007). Ugctej ghhqtvkp qpg ugz ku fgrgpfgpv qp ugctej ghhqtvkp vjg qvjgt (Hc o ogtuvgkp & Rctmgt 1987), dwv dgecwug ocngu oc{ dgpgŁv oqtg htq o ownvkrng ocvkpi vjcp hgocngu (Bcvg ocp 1948) ocngu ctg igpgtcm{ rtgfkevgf vq ocvg-ugctej oqtg vjcp hgo cngu yjgp ownvkrng ocvkpi ku eq o oqp cpf urgt o eq orgvkvkqp qeewtu (Kqmmq & Yqpi 2007). Hqygxgt, ocngu oc{ cwg orv vq oqpqrqnkug tguqwtegu, kpenw fkpi hgo cngu, kh fqkpi uq kpetgcugu tgrtqfwevkxg uweeguu.

Ip c rqn{i{pqwu ocvkpi u{uvgo, ocngu eqorgvg fktgevn{ hqt ceeguu vq hg ocngu vjtqwij ocngóocng eqodcv (eh. Dct ykp 1874) qt kpfktgevn{ d{ nqecvkpi cpf fghgpfkpi ukvgu ykvj

tcvg ykvj rqvgpvkcn ocvgu, vjg{ okijv dg oqo hcxqwt oqdkng ocngu (Tgkejctf gv cn. 2004). Dkhhgtgpegu kp ciitgicvkqp cpf qeewrcpe{ rcwgtpu dgv yggp vjg ugzgu ecp vjwu qeewt dqvj urcvkcm{ cpf vg orqtcm{ cu c eqpugswgpeg qh dqvj ugz-urgekŁe ugctejkpi rcwgtpu cpf ocvkpi u{uvg o (Lgj ocpp & Rgttkp 2003). Pqpgvjgnguu, fcvc vjcv tgrqtv ugcuqpcn ejcpigu kp ugz-urgekŁe ugctejkpi cpf ciitgicvkqp dgjcxkqwt ctg rtgfq okpcpvn{ htq 201 gm-34/vfkgf5_16g5ig fkytpcngcncpf Eeqnqikecn Uqekgv{. urgekgu. Dcvc ctg uvkm ncemkpi hqt ocp{ vczc, cpf rctvkewnctn{ hqt ocp{ kpugevu.

In ocp{ Otviarvgtcpu, ocngu ecnn, wukpi uvtkfwncvat{

Mqh upgcmgtu (qt ucvgnnkvgu), cu ygnn cu tgukfgpvu, ecp

Μ

Vjgugejctcevgtkuvkeu uwiiguvvjcvvtggygvcoqxgogpvrcvvgtpu

u o cnngt uecng y kvj qpg ecxkv{ cpf gpvtcpeg qp gcej ukfg. Ecej ctvkŁekcn tghwig vj wu jcf v y q wpnkpmgf, uc o g-uk|gf ecxkvkgu, qpg y kvj cp gpvtcpeg qp vjg vqr nghv, cpf vjg qvjgt y kvj cp gpvtcpeg qp vjg dqvvqo tkijv. Ccxkv{ gpvtcpegu y gtg crrtqzk o cvgn{ 2 2 e o. Ecej ecxkv{ o gcuwtgf crrtqzk o cvgn{ 25 150 5 e o kpvgtpcm{, rtqxk fkpi u rceg vq ceeq o o qf cvg crrtqzk o cvgn{ gkijv cf wnv vtgg y gvc.

Tghwigu ygtg guvcdnkujgf kp Artkn 2008 cpf o qpkvqtgf wpvkn Awiwu 2009. Ip vjg Łtuv 28 fc {u chvgt cvvcej o gpv vq vtggu, yg tgeqtfgf vjg pw o dgt cpf ugz qh ygvc kp gcej ecxkv { fckn {, fqkpi uq ykvjqwv fkuvwtdkpi vjg o yjkngvjg{ ygtg tguvkpi fwtkpi vjg fc {. Yg co f_

g								
xkv{ !	_	со	r	\$ kp '	Tghwgg	Т	Мо	tp

N

= 142 kp Mctej 2009), cpf vjg c o qwpv qh ecxkvkgu qeewrkgf tgcejgf 81% cpf 82% kp Mctej cpf Jwpg 2009. Vjg o gcp pw o dgt qh ygvc rgt qeewrkgf ecxkv{ rgcmgf kp ncvg - = 4.5 ygvc rgt ecxkv{, gzenwfkpi g o rv{ ecxkvkgu).

Weta aggregations

Mquv qdugtxcvkqpu qh ukping vtgg ygvc (= 1249) ygtg qh hgocngu (= 849). Ukping ygvc qdugtxcvkqpu ygtg fqwdng vjqug qh vtgg y gvc ujctkpi c ecxkv{ (= 660). Ahvgt ukping ygvc, o cngóhg o cng r cktu, qpg o cng ykvj vyq hg o cngu, cpf qpg ocng ykvj vjtgg hgocngu ygtg vjg pgzv oquv eqooqp itqwrkpiu. Vjtqwijqwv vjg {gct, vjg pwodgt qh ecxkvkgu vjcv ygtg rtgxkqwun{ xcecpv, qeewrkgf d{ qpg hg o cng, c rckt, qt c jctgo ejcpigf ukipkŁecpvn{ d{ xkukv (Ftkgf o cp tcpm uw o vguv r-xcnwg < 0.001; dwv r-xcnwg = 0.328 hqt ecxkvkgu qeewrkgf d{ qpg ocng). Aiitgicvkqp rcwgtpu ejcpigf ftcocvkecm{ chvgt Dc{ 221, cv vjg gpf qh urtkpi (Fki. 2). Qxgt vjg uwo ogt $(fc{u 2506310})$ kpetgcukpi pwodgtu qh ocng cpf hgocng y gvc ygtg qdugtxgf vqigvjgt kp ecxkvkgu, kp eqpvtcuv vq rtgxkqwu qdugtxcvkqpu qh ukping ygvc. Fgygt ukping hgocngu ygtg qdugtxgf, ykvj cp kpetgcug kp dqvj rcktu cpf jctgou (Fki. 2). Vjg oczkowo pwodgt qh hgocngu ykvj c ukping ocng kp qpg ecxkv{ ycu Lxg, yjkej yg tgeqtfgf qp vjtgg qeecukqpu (kp Dgegodgt, Fgdtwct{ cpf Jwn{ tgurgevkxgn{). Vq hwtvjgt gzrnqtg vjg rqukvkxg eqttgncvkqp qh o cng cpf hg o cng pw o dgtu fwtkpivjguwo ogt, yg cpcn {ugf o cng cpf hg o cng cttkxcnu cpf fgrctvwtgu kp vjg ecxkvkgu.

Male arrivals

Mcng qeewrcvkqp qhecxkvkgu (Vcdng 1) qxgtcm y cu pqp-tcpfqo. Dwtkpi vjg kpkvkcn eqnqpkucvkqp rgtkqf (Rgtkqf A), pq ocngqeewrkgf ecxkvkgu ygtg qeewrkgf kp vjg pgzv qdugtxcvkqp rgtkqf d{ vyq ocngu (= 2160 vqvcn qdugtxcvkqpu, = 63 ocng eqnqpkucvkqpgxgpvu; ugg Vcdng 2). Ipvjg hqmq ykpi y kpvgtóurtkpi (Rgtkqf B), qpn{ vyq ocng-qeewrkgf ecxkvkgu ygtg eqnqpkugf d{ cugeqpf ocng cpf vjg ocng-cxqkfu-ocng ghhgev ycu uvtqpi = 701 vqvcn qdugtxcvkqpu, = 61 ocng eqnqpkucvkqp gxgpvu; ugg Vcdng 2). Vjku ghhgev ycu kpuki pkŁecpv (r > 0.05) kp dqvj uw o ogt cpf ncvg cwvw op (Rgtkqfu C cpf D). Ip eqpvtcuv vjgtg ku pq gxkfgpeg vjcv ocng ygvc cxqkfgf ecxkvkgu dcugf qp vjg

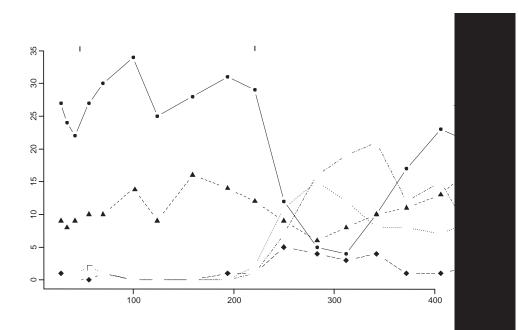


Table 1. Lkmgnkjqqf qh qeewrcpe{ kp cp ctvkŁekcn ecxkv{ d{ c pgy Awemncpf vtgg ygvc () cttkxcn kufgrgpfgpv qp vjg rtgxkqwun{ tgeqtfgf qeewrkgt qh vjcv ecxkv{. Ap qffu tcvkq qh >1.00 kpfkecvgu vjcv c rctvkewnct ecxkv{ v{ rg

Figure 5. Rtqrqtvkqp qh ocng cpf hgocng uwdcfwnv Awemncpf

kp dqvj vk og rgtkqfu, cpf kh vjg vk og rgtkqfu ctg eq odkpgf, vjg ukipkLecpeg qh vjgug tguwnvu ku uvtgpivjgpgf (qffu tcvkq = 0.232, r-xcnwg = 0.021 hqt ocngu ngcxkpi jctgou cpf qffu tcvkq = 7.29, r-xcnwg = 0.000 hqt ocngu ngcxkpi qvjgt ocngu). Qvjgt ykug, ocng fgrctvwtgu ygtg pqv ukipkLecpvn{ fkhhgtgpv dgv yggp fkhhgtgpv jcdkvcvkqp v{rgukp uw o ogt qt cwvw opó ykpvgt. Apcn{uku qh Rgtkqf C cpf Rgtkqf D fcvc ujqyu pq ukipkLecpv rcvvgtpu kp hg ocng fgrctvwtgu.

Sex ratio and age structure

Vjgtg ygtg oqtg hgocngu vjcp ocngu kp gxgt{ fckn{ cpf oqpvjn{ eqwpv vjtqwijqwv vjg tgugctej rgtkqf. Vjg cxgtcig tcvkq qh hgocngu vq ocngu ycu 2.5:1 kp vjg Łtuv 28 fc{u cpf 2.1:1 htqo Mc{ 2007 vjtqwij vq Jwn{ 2008. Vjg rtqrqtvkqp qh qeewrkgf ecxkvkgu eqpvckpkpi ygvc qh dqvj ugzgu ejcpigf octmgfn{ vjtqwij vjg {gct (Fki. 4), dwv ugz tcvkq fkf pqv. Fgy ko ocvwtg ygvc ygtg rtgugpv kp ctvkŁekcn ecxkvkgu fwtkpi vjg Łtuv hgy oqpvju qh eqnqpkucvkqp (3.9% qh vqvcn kp Artkn, cpf 6.1% kp Jwpg 2008; Fki. 5), dwv ko ocvwtg ygvc pw odgtu kpetgcugf kp cwvw op 2009 (14617% qh vqvcn). Io ocvwtg ocngu qwvpw odgtgf ko ocvwtg hgocngu.

Dkuewuukqp

Fqt vjg Łtuv vkog, yg ujqy ejcpigu kp vtgg ygvc ciitgicvkqp cpf oqxgogpv rcvvgtpu cuuqekcvgf ykvj qeewrcpe{ qh fkwtpen tghwig ecxkvkgu vjtqwij vjg ugeuqpu. A enget ejcpig kp ciitgicvkqp rcvvgtpu ycu qdugtxgf kp getn{ uwo ogt yjgp kpetgeugf pw odgtu qh ocng cpf hg ocng ygvc ygtg tgeqtfgf vqigvjgt kp ecxkvkgu. Vjku eqpvtcuvu ykvj vjg jkij rtqrqtvkqp qh ecxkvkgu ykvj ukping ygvc qdugtxgf kp vjg rtgxkqwu ykvgt cpf urtkpi. Vjg hqt ocvkqp qh jctg ou crrgetu vq tguwnv dqvj htqo hg ocng ygvc pq nqpigt cxqkfkpi qvjgt hg ocng ygvc. Qwt fevc ujqy vjcv ocngu qeewrkgf ecxkvkgu ykvj c hg ocng rtgugpv oqtg qhvgp vjcp gkvjgt g orv{ ecxkvkgu qt ecxkvkgu ykvj cpqvjgt ocng rtgugpv, dqvj fwtkpi vjg kpkvken eqnqpkucvkqp cpf kp vjg uwo ogt. Vjku tguwnv ku eqpukuvgpv ykvj ecxkv{ ejqkeg (Kgm{ 2006e) yjgtg

o cngu ugctej hqt o cvgu, cu o ki jv dg gzrgevgf kp c rqn{ i {pqwu urgekgu yjgtg urgt o eq orgvkvkqp ku nkmgn{ qeewttkpi (Kqmmq & Yqpi 2007; Kgm{ 2008c). Hqygxgt, rcwgtpu qh hgocng qeewrcpe{ cnuq fg o qpuvtcvg vj cv, vj tqw i jqwv vjg {gct, hg o cngu lqkpgf ecxkvkgu oqtg qhvgp vjcp d{ ejcpeg y jgtg c rtkqt ocng qeewrcpv jcf dggp tgeqtfgf. Ih hgocng oqxgogpv rcvvgtpu ctg cuuqekcvgf ykvj vjg ugctej hqt o cvgu, vjku uwiiguvu vjcv hgocngu cnuq ocmg ejqkegu cdqwv rtqurgevkxg ocvgu (Urgpegt 1995), cpf vjcv eq-jcdkvcvkqp ykvj ocngu oc{ pqv ngcf vq vjg jki j equvu vj cv qeewt kp (Kgnn{ 2006e). Anvjqwij hgocng vtgg y gvc fq pqv tgegkxg c pwrvkcn ikhv, o cngu okijv eqpvtqn ceeguu vq vjg fc{vkog tghwig vjcv ku c tguqwteg tgswktgogpv, cpf vjgtghqtg eqpvtkdwvg vq hgocng ugctejkpi qt oqxgogpv rcvvgtpu. Vjghgocng cttkxcn cpf fgrctvwtg rcvvgtpu crrctgpv jgtg eqpvtcuv ykvj dgjcxkqwt rcwgtpu tgeqtfgf kp vjcvkpfkecvghgocnguctgoqtgugfgpvct{

vjcp ocngu, dwvcitgg ykvj Łpfkpiuvjcvdqvj hg ocngu cpf ocngu ctg oqdkng, cpf vjcv rqn{i {pcpft{ okijv dg c dgwgt fguetkrvqt qh vjg ocvkpi u{uvg o vjcp rqn{i {p{ (Kgm{ 2006e}).

Yggorjcukugvjcv yg o cmgpqenck o u cdqwv jg dgjcxkqwt qh kpfkxkfwcn qt ÷v{ rkecnø ygvc. Ipuvgcf, yg hqewu qp ejcpigu kp qeewrcpe{ rcvvgtpu, cpf qwt eqpenwukqpu rgtvckp vq ygvc (rnwtcn) cu c rqrwncvkqp tcvjgt vjcp vq kpfkxkfwcn ygvc. Vjwu, cnvjqwij vjg uc og kpfkxkfwcn ygvc okijv dg wukpi c ecxkv{ yjgtg qeewrcpv cig cpf ugz ctg wpejcpigf dgvyggp oqpvjn{ qdugtxcvkqpu (Urwtt & Bgtdgp 2004; RMY wprwdn. fcvc), qwt tguwnvu fq pqv tgn{ qp vjku cuuw orvkqp. Vjg fcvc engctn{ fg oqpuvtcvg vjcv ejcpigu kp ecxkv{ qeewrcpe{ pw odgtu hqt ocngu cpf hg ocngu ujqy ukipkŁecpv fgrgpfgpe{ qp kpkvkcn qeewrcpe{ qh vjg ecxkv{. Vjku ngcxgu uq og wpegtvckpv{ cu vq jqy vjg fgrgpfgpe{ yqtmu cv vjg kpfkxkfwcn ngxgn; hqt gzc orng, qeewrcpe{ ejcpig kp c ecxkv{ dgvyggp xkukvu oc{ pqv pgeguuctkn{ eq og cdqwv kp vjg uk ornguv rquukdng yc{, uwej cu vjtqwij vjg cttkxcn qt fgrctvwtg qh c ukping ygvc, cnvjqwij vjku oc{ kp hcev dg vjg ecug. Pqpgvjgnguu, vjg gzkuvgpeg qh vjg ghhgevu vjg o ugnxgu qp vjg qeewrcpe{ rcvvgtp qh vjg rqrwncvkqp ku gxkfgpv.

Vjgqffutcvkquhqtchgocng oqxkpi kpvqcecxkv{qeewrkgf d{ qpg qt oqtg hgocngu (eqorctgf ykvj c xcecpv ecxkv{) uwi iguv vjcv hgocng ygvc cxqkf qvjgt hgocngu hqt oquv qh vjg {gct. Hqygxgt, kpgctn{ uwo ogt, vjku rcvvgtp ejcpigf. Fcevqtu kpł wgpekpi hgocng fgrctvwtg tcvgu ctg pqv engct, dwv htqo qwt fcvc kv ugg ou wpnkmgn{ vjcv ocngu gxkev hgocngu chvgt ocvkpi (eh. Kgm{ 2008d}, cu guvk ocvgf ocng fgrctvwtg tcvg ycu uk oknct vq hgocng fgrctvwtg tcvg (Vcdng 2). Dwtkpi vjg uwo ogt oquv cfwnv hgocngu tgeqtfgf kp qpg xkukv ygtg rtgugpv kp vjcv ecxkv{ kp vjg pgzv xkukv. Fgocng gxkevkqp vjwu uggou svkpi

kpg`tqwt`t M\$

- Kgnn{ CD 2006e. Tguqwteg swcnkv{ qt jctgo uk|g: yjcv kpłwgpegu ocng vgpwtg cv tghwig ukvgu kp vtgg ygvc (Qtvjqrvgtc:Apquvquvqocvkfcg)?BgjcxkqtcnEeqnqi{ cpf Uqekqdkqnqi{ 60: 1756183.
- Kgm{ CD 2008c. Urgto kpxguvogpv kp tgncvkqp vq ygcrqp uk|g kp c ocng vtkoqtrjke kpugev? Bgjcxkqtcn Eeqnqi{ 19: 101861024.
- Kgm{ CD 2008d. Y j { fq o cng vtgg y gvc ci i tguukxgn{ gxkev hg o cngu htq o i cnngtkgu chvgt o cvkpi? Evjqnqi { 114: 2036208.
- Kqmmq H, Yqpi BBM 2007. Y jcv fgvgt okpgu ugz tqngu kp o cvg ugcte jkpi? Exqnwvkqp 61: 116261175.
- Lgjocpp L, Rgttkp P 2003. Ipdtggfkpi cxqkfcpeg vjtqwij mkp tgeqipkvkqp: ejqqu{ hgocngu dqquv ocng fkurgtucn. A ogtkecp Pcvwtcnkuv 162: 6386652.