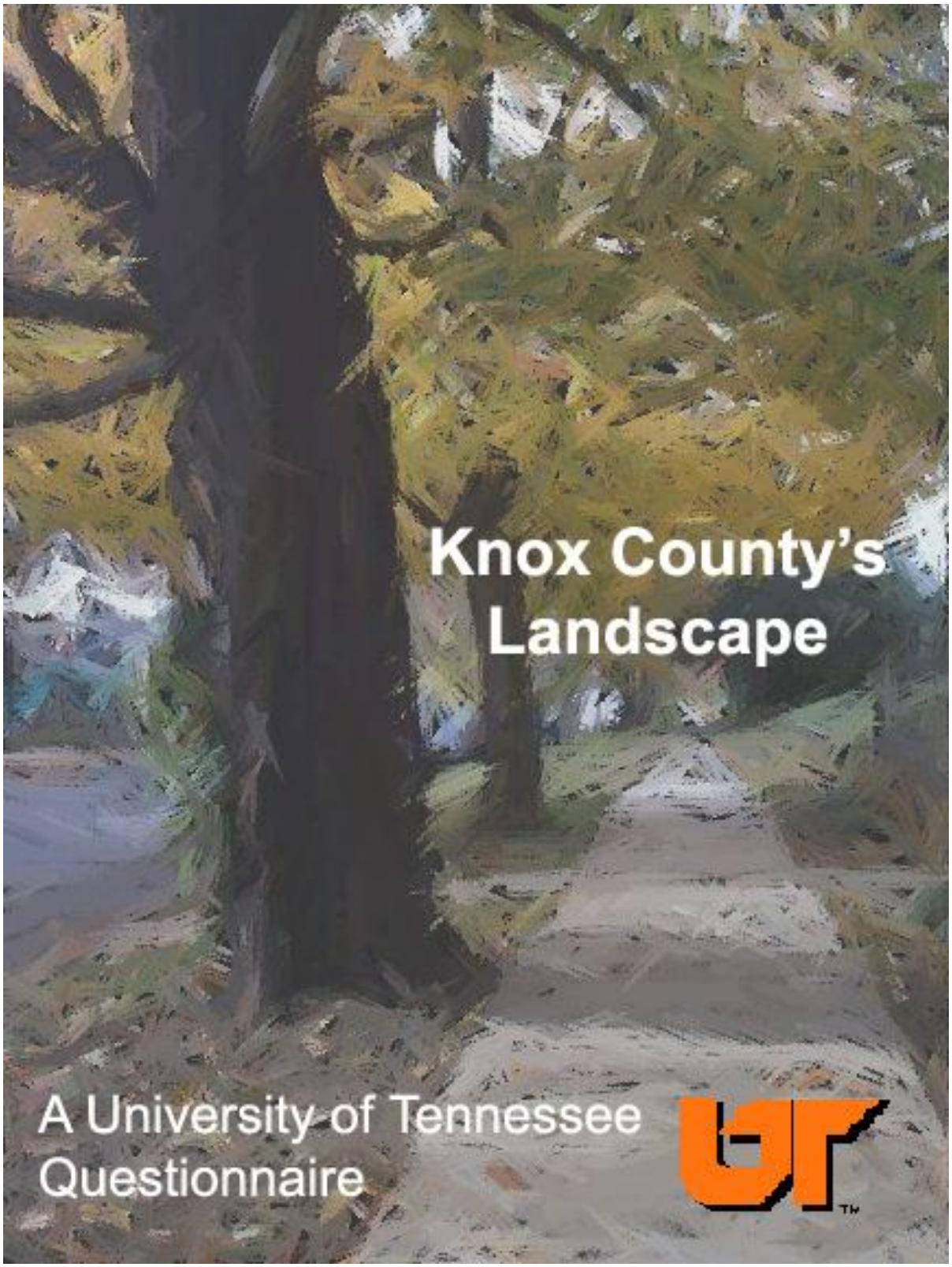
Knox County's
Landscape
A University of Tennessee
Questionnaire

8 Q HV VDQ GQ 3 X EF 2 SLQ RQ DQ G XS SRU W IRUWK H0 DQ HVQQ F EQ G3UR MF WRQLR 7U H V LQ . RJ & R QV 7H Q QHHHV V $ 0 DO 6 X Y H R\ SU D +RP H ZQH VJ

&R Q GXFG E \
,QVLWXWH RI 0DULQH 6FLHQFH GX VDLQW E (OLHQ LVRQ PH W
>) RUP HU W K HDVHW DQDJ HP HQ 3UHVHDUK DQ GGXFDWRLQQVLWXW@W
8 Q LY HUVLW RI 7HQ QHVVHH
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,QD LODLW/QZLKW
(Q YLRQHQW 6RFL WW3URJUDP ' HS DW HQWR 6R E RO \
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D Q G K H
+ XP DQ' L PHQ LV Q5 HV HDUK/ DE EDW UR
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5 HV EH UK EH V
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8 Q LY HUVLW RI 7HQ QHVVH: DV HW DQDJ HP HQ 3UHVHDUK DQG(GX EWRQ QVLWXW

THE UNIVERSITY of TENNESSEE

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3DUWLFLSDQ 6 RFRGRJ\ ' U 5HRU(VRQH VD G8 7' H SUWHQWR)RUHWW :LGOHI
D G) LK HHUV+ XP DQ' LPQWRQ VHHD U /FDERUD WR U 0 D U)N

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8 7: DW0 D DHP HQV5 HHVUF KDG G(G XWRQ,QWX WV

6 XY H \ 7RLG HW\ S XE O LDXWVGWWZRD UBG DW HHDWVGXXLW
2 EHWW Y H V 7RJ D X SPK E OV XUSWSRWVRQIRUBF DW HSRFH V
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7H HF Q X H V 0 XWSGH ZYE P DLUX YH\ ED WGQ'RU RQ' LU DQV7 DRHG
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$ OR WK HDJ LEH VYK UHS RG HW 1 D UHLG HW RI . QR[&RX QV $ P DUV OYLHRXWG WK LWO PL 7KH YH U D JYH \ UHSURG HWQZ KW \ HDRI D JKD YDWVQ H G F RH J HBQG DY HLQD RX WKRGLQZ KFK WK RWDVD QXQLQ FFRHLVEHZWHQH D G 7KH H V DHJ MRQHWKD YDY HD WK VR UH H XHUQWH LG HWUH LG HQF HRU D EXW \ HDYDQGLVP RUHOKO WR EH 5H S XFEQWKQH KFK D' H PRF UBU,QG H SGHW2 Q\ O S H UWRHUHSVRG HWQD UMHP E H HBYQH QURQ PQWDD YGRF EA RJ D]QWRQ

: K D VG R. Q R&R XWQK R FH R Z QYNQUR Z E RWKH VH

$ QWRX JKP DUVRI . QR[&RX QV KRP H Z QH U1V Z KRU HSRQG HVGWRH VX YH KD G VJQ LFHQVH S RX HUW WH UFDH GRKW QQG FVSLQJ D WY WH V WK \ WQO H EXQ FUWQDERX W WKHLD E WVQRLG HW\ D QYDHWH WRUG VH YDH GUHWD QD UXHQXHD EX WRZ W SRR HWRVDWHUH IRP S HW7KH \ UH JQRQVH N XWQRP DRQD EXRQDGF SLQ JD WY WH YE \WDQLQ JZ LWK RKW URVE \Z DF KQLJWH YVRQS RJ D PV EX WK \D UGH VLQ EQ GW BX HWQZ RUN KRS VRU F RXQVZ LWK S X E ORLFLDY DERX WH UF DH 7KH \ D UBLO NQRZ OH GHJE HDERXWK H HW WQ WK H HWQQJ X EDQ IRUH WFRYH LQ. QR[&RX QV D Q GH QWH BD YZ KRDH D QYDX HUH W F RWE X NQQ WR VKD G BLUT XQV ZLQGHLKDE WD VD QSLYDF\

: K D VG R. Q R&R XWQK R FH R Z QYNQUR Z E RWR F QVQHL WK M

$ QRYH UKRP LQ JP DUVRI . QR[&RX QV KRP H RZ QH U VRZNQWH RUQR KWQJ D EX WH . QR[Y LH ZUG H P/RD UVGRUN RQH HKDQ EQJ S RJ UP V WR S DQVW HUR UG H HRSLQJ SDQ W R H S DG WK HF DJ RY H QUHQW/VRY H UJK WRQ S DQWQJ DG GS RHWEQJ WH W) H Z HD UH YQ ZU IR WK H LW/ZRN VD WQJ LQ WK H W SRDQ WK RX DG YW WH WU H W

: K D WD YEWK HD WU XG HW/RF ZDGR FQW H UHDW/GWK HD VR QJ R FH R ZQ'VH

2 YH UDDW/D S EHW/D WQR[&RX QV KRP H RZ QH VKDY HDS RU YH D WX VG W/ZRD US RUHW/EQJ D G SDQWQJ WH W/D G S S DHW/WK HLDX WDH QURQ-P W/QF RW/EX WQW WK T XDV RI WK HLUDY W 7KH UVHDKJ JK OHY HOR D S SLDWRQF RUWH W/LQX EDQ HQ YRQ PQW/D G EX W/QV G W/GLXW/F W/0 RW/ RI WK HP KDY H X RWRX WK RX W/ WK D WD PP DXWHW/EE HDFXHW/H W/KD W/DS H UQW/QRHDQQJ WR WK HP DQG URWK X G HW/D G WK D WHW/Z LKQ RQF HWK HLUSRS HW/YDX H 0 RW/WK RP H Z QH U V YDX HWK HDE QW/W PRRGJ\ WK HLUHQ YRQ PQW/W VX XW/WK HLUQ HGHZQGK ZHUP RY H GW/H W/URP WK HLUSRS HW/UH FYQ P RW/D EHDF XH KW/UW/Z H UGHGBUG/LH YH G$ OR DQD U QWKP E HRU WK P IH HW/D WK HF DX W/QW/LF RS Q \VKRXGG RDEH W/UW/E W/P PLQ JW H W/QH US Z H QQ H V

+ R ZW/R QJ W/X SS RW/R SRSW/R IHQ UF DW/H HS RLF LDHRV QK R FH R ZQ'VH

$ QWRX JKQR[&RX QV KRP H Z QH UD VUHTW/P HO F RF HQH GERXWK HSRUHW/EQRQ W/H W/ G XQJ X W/QW/LQQLHQHHDQF HBQGF RW/X FBQW/RI VX EL YLRQ YZ QF RP H UDBG YH BXSP HQW/ WK H\ D UGHW/X S SW/H RUX QX HRI S RW/LGJ P RUH S W/E XQBLQ JW SRQQW/H W/LQS Z EHD UVH D 7KH\ D UDBR QH W/X S SW/H IRDY Q JD Z WK D W/D \ UHW/F W/K HLUZ QD EW/ WX P DQ HW/K HLU S LYDHW/QQGF B W/

+ R ZG PR F L RKGJHUSLKF K DFUWLHW FLVQXHQ FSHXEORR S L RQDQQ VX SS RWR WK H P D LHQQD Q HGSS EDWQW RRQWH VDP R QKJ R FH R ZQVH

+ PP H ZR QHVZ LWK JK HLQF RH VQG PRUH H GWRQKDY HP RUHH S HLHQ FZHWK WH HF DH / HYHOVRI H[S HLHQF HDOR S RMYH GV ER QVK WG LIH U WRQH P DDHVY VP DDH VQG FLW UHIG GHV YV QRQ FLW UHIG GHV Z WK WKH DWW EH EKS DJK DQY JP RUH 2 G H KBP H ZR QH UKDYH VOJK WG PRUHN RZ QH GHJ EXEWHUWKDQ\RX QHKBP H ZR QH U)VP DDHVX S SWBRQFLH VRUWHUF DH D GPP DQD JPHQVP RUH KDVQ DDHV D GWKH\ HD WX K VG MWZRD UWBVH0 RY QJ X SMHLQF RH DDF WKH J EHSZVHQH P DDH VQG PDDHVZ WK UH JUDW WRHLD WX K VG EHEX WH YDX HRI WUH VJ EZ VWJQILFQW D U J\$HQR KR PH ZR QH U VRKDYHUHIG HDGWKHVP H D G GVURHQW WKDQW QH QVKDYH PRUH SWBY HD WX K VG DHEXWVHUVHWKDQWRVHZ KRKD M OYLHIQWKHVP H QB FIRUPRUHWKDQW QH QVY 8 QX/SJVQ D \WRVHZ KREHQRJ W R H QURQ PQWDORJ D]QDWRQ VRUGRD HVHUX FUVW WH HSDQWQJ RJ D]QDWRQ VX S SWRHUH SRBFLH VP X K PRUH KDVQWRVH ZRKGRQ W

3X EDBRD F5 HF R P H Q GLBRVQ V

3DQVIRUDFRX QVZ IG MUH HPDQD EP HQWD GSRJ WWRQFWD HVJ VKRXGF RWQX HR KD UHQ WKH QW UWRW WKH S BEFEQX VLVX H
7KHZ RUNRI WKH .RQY LHOUBI P%RD URGQR KW ULQYROYH GQ WKHSRP RWRQRI DQGH G DXBRQ D BEX WX DVX WDQDE HD QVHBRSP HQWKRXGE H HWWSS IX IEEJDH GQF R GQDBRQZ LWKS XE HL RXUHE HKMURX J WKH KRROX\WP DQGF R P XQWJS RJ DP V
5HRJ Q LWKH DX HHIG HVSDF QRUH VD GWHQDXBD EQ YRQ PQWR . QR[&RX QV 7KHBXF DX WDW F R S DHVP D\ QHGWG R HRQWD HVJUHWBW S X IE OQAWY LW LQWKHLUH H WJP P IQ JS DBWF W
: HJK WHHQ YRQ PQWDDQG VRFDQWD GRHVR X EDQUH HF QRS \S RHWWRQ

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7KLV UHVROXWLRQ SURYLGHV VXPPDU\ GQDQFLDO GHSDUWPHQW RI . QR[&RXQW\ 7H[DV 7KH SURJUHVV UHSRUW IRU WKLV UHVROXWLRQ ZDV GLVFXVVHG DW WKH UHJXODU PHHWLQJ RI WKH &RPPLVVLRQHUV &RXUW RQ ,Q DGGLWLRQ WKLV UHVROXWLRQ HVWDEOLVKHV D WLPHOLQH IRU WKH &RPPLVVLRQHUV &RXUW WR UHYLHZ DQG DSSURYH WKH SURJUHVV UHSRUW RQ D TXDUWHUO\ EDVLV 7KH UHVROXWLRQ DOVR GHVLJQDWHV WKH &RXQW\ $XGLWRU DV WKH RIILFLDO UHVSRQVLEOH IRU PRQLWRULQJ DQG UHSRUWLQJ RQ WKH SURJUHVV RI WKH SURMHFW 7KH &RPPLVVLRQHUV &RXUW DOVR DXWKRUL]HV WKH &RXQW\ $XGLWRU WR HQJDJH ZLWK WKH 'HSDUWPHQW RI 7UDQVSRUWDWLRQ &RQVWUXFWLRQ 'LYLVLRQ DQG RWKHU UHOHYDQW VWDNHKROGHUV DV QHFHVVDU\ WR HQVXUH WKH VXFFHVVIXO LPSOHPHQWDWLRQ RI WKH SURMHFW 7KH &RPPLVVLRQHUV &RXUW DOVR DXWKRUL]HV WKH &RXQW\ $XGLWRU WR SURYLGH UHJXODU XSGDWHV WR WKH &RPPLVVLRQHUV &RXUW RQ WKH SURJUHVV RI WKH SURMHFW LQFOXGLQJ DQ\ FKDOOHQJHV RU GHOD\V HQFRXQWHUHG DQG WKH PHDVXUHV WDNHQ WR DGGUHVV WKHP 7KH &RPPLVVLRQHUV &RXUW DOVR DXWKRUL]HV WKH &RXQW\ $XGLWRU WR PDNH UHFRPPHQGDWLRQV IRU DQ\ QHFHVVDU\ FKDQJHV WR WKH SURMHFW VFRSH EXGJHW RU VFKHGXOH EDVHG RQ WKH SURJUHVV UHSRUWV 6HFWLRQ ,9 SURYLGHV WKDW WKH &RPPLVVLRQHUV &RXUW KDV GHWHUPLQHG WKDW WKH SURMHFW LV LQ WKH SXEOLF LQWHUHVW DQG WKDW LW LV QHFHVVDU\ DQG DSSURSULDWH WR HQWHU LQWR WKH &RQWUDFW ,, SURYLGHV WKDW WKH &RQWUDFW &RQVWLWXWHV WKH HQWLUH DJUHHPHQW EHWZHHQ WKH SDUWLHV DQG VXSHUVHGHV DOO SULRU DJUHHPHQWV &RQWUDFW ,,, GHFODUHV WKDW LI DQ\ SURYLVLRQ RI WKH &RQWUDFW LV GHHPHG LQYDOLG RU XQHQIRUFHDEOH WKH UHPDLQLQJ SURYLVLRQV VKDOO UHPDLQ LQ IXOO IRUFH DQG HIIHFW &RQWUDFW ,9 SURYLGHV WKDW WKH &RQWUDFW VKDOO EH JRYHUQHG E\ DQG FRQVWUXHG LQ DFFRUGDQFH ZLWK WKH ODZV RI WKH 6WDWH RI 7H[DV

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5LYH UUBZ LQ JURP $VK MHCHC1 RUK&D UQR DNRLQVWH+ ROWRQ5LYH UUBZ LQ JURP
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. QR[&RX QVLVF IRSLUH GI R DUBH YW WH HFQRS \ DUBH YW RS H Q
VS DHF DUBH YW LP S H EXYVXLDHV DQ DUBH YW ED UJHBX Q
7KHG RLQ QWDQGF RH LQWH LWVLVWH VHF RHLQ J DUBH V ,P S HYBX VXEDQ
VXLDHVF IRSLUH DUBH V 2 S HVQ DHD IF RX QVIRU S H UWRHWQH&LW
DUBH VD QE D UQQG DF RX QVIRU DUBH V \$ PHLEDQ) RUHW

. QR[&RX QVKDVE HQHH SHLHQ IEJ GBVRI WH HFQRS\ D VLQGLF WW GE \DQD DQD WLVF RG XHFQV
IRU FRP P XQWHVE \\$ PHLEDQ) RUHW 7KVLWXG F QDH GKHW8EDQ(F RX VWP \$ QDO VLV
LQ GF WW GG HQE HIQWH HFQRS \WKRX JRXVWKH FX RQVIRP W R \$ PHLEDQ) RUHW
7KHUHRJ QWRQRI WKVLS RE HP LQ. QR[Y L QI QRKW D U HRDWH8 6 UHXWB GQD
S RQDH UBRQW WBF QWH RGQDQF HVQWKH \$VWH RUGQDF HHP S ZH US WQ QLJRI ILFDQY
D GXEDQIRUHW WS HRQVQWRLQ SVHWE GUH JQXHWKHPDIQWQDQ F SDQWQJ D GQH RWD\U
G HWXWBRQRI FIW WH VH0 HUBSRQWQ3DQ QLJRP P VWRQRI . QR[Y LHC QR[&RX QV

. QR[Y LHCG QHRS H GWHDRUGQDF HIQ Z KFLKHWD EWKHDC&LW7UH P%RD UQGQD
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RYH UJKWRI G HHBSPHQWSDQ VQ RCY Q JWH HH RYDRUUH SQBPHQW. QR[Y LHOFSBQ\VD
PXQFLS DD URBWD GD LW KRUW XX LW. QR[Y LHQVRQGQDF HUE TUXH VJKWH VS HDUBH
D GSRK EW F XWQJ PRUHWKDQD T XWDRUKHWH VRQD QQ YHBS HGW ZWKQDILY HHD
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F QH[HPS WSVBS HWH WURP WKHNX QH \XBH WX[PSWRQVD UUBHUDHGILQ H V S HLQFLG QW
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F RP H UDEWDHRP P XQFLWRQVIDFLWBV LH F QBS RQHWZRH USV D QQNBW IRQWWHBD RX G
D U HUBHWX D U GYQVLG HD URBF RP H UDBDQ GL[H GVHG H QBSPHQW EX YQR SURY VRQV
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&RX QV 7KH UHRQRUH JXLBQVIRUSRHWWQLJ[LWQJ WH VH F EWDEURD GWDW PHQWV R

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7KHWZRQRI) D UD UJXOHV DP GQLG H.QR[&RX QW H QRUF WKH SRHWWRQRI WKHXEDQWH H F QRS\ WRDJHWEH GH J WKHQHWK LWVRI . QR[Y LHOLD QR[&RX QW 7LWH &KD SHWQHRI WKH D)UD UJXOWQHLS D&RG H FLSHD UH3EHWVDQ2 ULQDQH 0 X QHLS D7HKQHLD $GYLVRU 6HYUE H $OORI WKHIRQZLQ JWS WRI WUHVD USHRHWWH GD QKD U G GVWHEH WKD KD YDGLDP HHWD EWH YDWKHJKW'%+ IR LQ FHKRUJ HWEH UD QHYH UHJQWH HKD KD YD '%+ RI LQFKH YRUJ HWEH UD QD RQ'RJ ZRGR&R QX)VD IR G EVFH GXEG&HFIL V &D Q D G WKHQD WKD YDF DS HRUP RUHWKDQ LQFK H DV QS LFHQWH HD Q'RJ ZR GRU 5H EX GWH HKD KD YD EDSHRUP RUHWKDQ LQFKHV D QS XE GWH HVJQILFDQW EX SQL VRI WH VHD GWH VHLQ³ HQ YRQ PHQWDO VHQ LWY HÁ U H\$S VGFDLRQ VP D\ EHVXE PWH GV WKH) D UD UJXOWQHLS D3DQ QQLJ&RP P LVVLRQIRUUH PRYDORI WKHHV\SHRVWH VHLL S RY VLRQ YD U H P D GWRUH SDGH KMP QHZ WH VSDQWH HKD KD YD GXWH T XWHF DSLHLQIH YR WKHWH VHKH U H UH GXE J

. QR[&RX QVLVRWX QJ XHLQIVDO NRI D VHVQRQW GH LVDLRQIRUXEDQWH PDQD JHHQWD GH SRHWWRQ 0 D QRWKH UD SDQJ EZ LQJ XEDQ]LHGD U HQDWH8 QW G TDW VF HL PLDOGF D UHOX FDWQHRH DQWH J DXLRQVWKD SWGF HH DWF RQURYRQWKHUH PYDORI WH VD GHQF RD J H WKH DQQQJ RI QH ZWH VH7KVLKD YH GRDWZ GH DJDHRI UH JOXLRQVD WKHGF DDHY EWKURX JRXW WKH LWVWDHWD YGF DJ RYH QJ PHQWQH JWRDHVER YQDQW HYROY Q JX GFLDOIUDP H ZURIRUWH H RUGQDQF HG YHDSPHQWD GH GRUF PHQW\$ ODF N XRQG H DQGLQVDERX WRX GXEDQ QRUHW P DQD JHHQWSDWF WDP RQJ PXQHLSDOD XKRWWHV LQ D TGXEDWEG JVHRWP SOPPHQWDLRQR VWWP DLPX EDQWH HP DQ DFHQWD GSRDWF DIDYRUVIRULQ QX EWDOGHYHDPS H UGXR FDRWEX WWLRD EG T XWERYH UJKVRI GF DWH HRGQDQF W7KH URHH S XEERSLQRQ WDQL HDGQPRWY DHWG QDXWDOUHPX FUHSDQ EQ UDYGD EGLQWDLWH PR WPHQWFRQWX HRE EHWKEJJYWGLMH ULQ HIHWEYHGHLVDLRQW SRRHWWFWHUF QRS\ LQ8 6 FLWHV 3 EHRX VD G/RE E

3UL E5 HVH DIK

\$ QWRX JKH ULVHD D U EERG RI UHWUDK WKD WVD PQLHSVE H LFQRHQIRUWKH HUQRYPHQWQ JHHQLDD GRQP RUH VFSLFLWX WUHDHWGRGVRUH WDWRQ WKH UDHUHZ XVGWVKD YGHOD

GLUHWWD ZLWKSXEOLF SROLFLHVRQWKH EDQNQRWHVRIFLWVWHYHSDWULFN. QR[
&RXQW\ $VXUH VXUGFRGXHFWV\-DFN 1DDUV DVHG UHLVVXHVRI . QR[YLOODJH
YLVLWRUVWRUHSHUW\ D UHFRDWWHRZQVKLS OLNHDGGGLVDN HYGXDOO \DQWRJLVHUVRQ VRU
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\HUWH HSDQWQJ DQL PSRMHPHQWSRUD PRUWKH&LWRI . QR[YLHOYKH SSXRHUR WKVLSDQ
Z DVWHRSRMH QDUHLQ HKHWWSRFLHVF XHUQWLQSDHFRUSDQWQJ WHYXQJ WD QDUG
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$SSRULPHWV SHSEH SWELSUDHVQWKH ZURKSS VDQGWKHVXEHVTXWYWYX DSHUHUQFHH
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UHDDE LWOMWRUVKHLQG[H\LHG HGDIDWD VRXUDSKD RUF IR + JKHMDX HRQVH
6XSSVRQG HQGLFDMPRUH VXSSUBRMHU EQRQLQMUHQWRQLQVHSRHWVRQDQG
PDQD JHHQWRI XEDQWHVA6XYHUHPVRQWVKLQ GHDJHURP W R ZKDPHQRI
DGDWDQD GGEDYWRQ

$WXVG2HVWWX G EVDHXPHGE\WKHE WERH IRQRMH EIDFWRVX SSWRDQZ DV
PHYDXHUGLWKDIRXWHQLMP LQ GHVH HSS SQBL [$ 4XHVRQV4 D 4 ZFWKVHH[F EIWRQ
R4 MWIRHVDXHU WDXVG EDEX WEDQWHVA(DKFTXHVRQHPSQBVHGL/LNHUWVVRQVHVF DH
ZLWKDQFKRUVR³DJUEQB³GLDJUHDHQDYGEUPRGLLH UMXWRQJODQGPQBO\(JKW
TXHVRQV4 D4 E4 F4 L4 N4 O4 P DQ4 Q DNVHVXEHWWVWIRWWDHW
WKHLUDMYHOR DJUPHQWZLWKVDMPHQWWKDZVHUXHSSWKH IRMHSHUVF HSRHWVRQDQG
SODQWQJ RXEDQWHVADQVL[TXHVRQV4 G4 H4 I4 J4 KDQ4 RDNVHG
VXEHFWWVWIRWWDHWKMUDYHOR DJUPHQWZLWKVDMPHQWWKDZVHUHLQRS SVEWRQWVRH
SHUVQHFSRHWVRQDQGSODQWQJR XEDQWHVA7KHILWWHJKVT XHVRQVUHH HUGVDRBYHZ H U H
WKH QH YUHG GFHRGVKDVWRWHUBWWXG FHXGGEHPHYDXHUGPRQJDOIBXWHQT XHVRQVRQ
D DQBFR ± 7KHRXWHQPHYDXHUZH UWKHQVXPHGRUD JHHQQDHYDXHU IRHSVRGGHW
DWXGLHSWVHQDQG)LK EQ 7KH QBKD HDDE LWOMWRUVKHLQG[H\LHG HDIKJKDSKD
VF IBHR + JKHMDXVLQGLFDM URQVHSURVHUBWXG6H6XYH\ UHSVRQVYRQWKVL
$WXVGLBWGHDXQHURP W R ZKDPHQR DGDD DYQVDGGEDYWRQR

%HOL2HSVLVBWQ$ QQLHWMP LQ GHZDYXMGRPMYDXHU HEHLVDQGRSQRQ YDBXWHUVD V
GHQHQ HEGWKH HSVRGGHWWSHUHQDHMD BXWHUFKU EHLWWVDQGIXQFWRQV VH HSS SQBL[
$ 4XHVRQV4 D± 4 L (DKFTXHVRQHPSQBVHGL/NHUHSVRQVHVF DHZLWKWHUHSVRQVH V
³YH\ULPSBWQY ³RPHZDWSBWQY DG³QRWPSBWQY 7KHTXHVRQVZHUHHMUHV
FRGHVBWKDWSBWQBHHFRGEHPHYDXHUGQDDHR WHFKU EHLWWV7KHDSKDUHDE LWOMWRU
WKHQG[\LHGHGYHDWKJKDSKD IRVFBH + JKHMDXHVQGLFDHWQF UWHQDJDMYHQVR

L FS HWDLQHR WUHVWWKH HUSRG HWQ XYU UHSRQVH YRQWH%H OLQHG HD[QHUP W R
ZLWKDPHQR DQGD DVQVD GHEDYBRQR

([S HLUHQF H7 HHH[S HLHQF HLVD WXPH G WKHVEVRE H QRIR WKHSHUGRWUR E HHVDQG
D WUWKVG HDVQZ DVPHDXVHU GLWKD ZWMYOHLMP LQG H[VH HS S SQHL[$ 4 XWHRQ Y4 D4 OW R
PH YDXHUS DWHH KDYRUD QD WRQ YS HDQQQJ JWXRHDQWHV(DFLMP VDHWGS DWF XD D WEY\V
DEX VDG HQQDQG URVH FDPHKRGRI S XXKLQ NRZOHG JDEX VD U GQHRQWHFDE RUGRQDRQ UHRX EWVWDRQU D]QWRQWKD WWF XHVRQJ D U GQHRQWHUFDE 7KH
UHSVRG HWQDVDNVHRSXDF HBXHNQ[HWVWKH HKDWMP LK HKHVRUPHPE HRUK VKH U
KRX WKRGKD GQHD JHQWKEHKDYRUVXDHWGQHD KWMP 2QHSRQZ D WHRGHHLGWHLWMP
Z DVF KFHNGHD QQOR SRLQVZ H UHHRGHHGWHLWMP Z DQOR WF KNTH HGRUDVF DHRI ± 7KH
VZ HOYHPH HVDXHVZ HUH KWVQXP PH GRUD JHHQOPH VDXHRI UHSVRG QWH\$ HLHQFH 7KHDSKD
UHDDE LWOWWVRUWKH QG[H\LHG H GDDWD WRXDSKDRI + JKH YDDX HLQ GF DMPRUH
H\$ HLHQF HZLWK J D U GHRQWHUFDE 6YX UHSVRQVH YRQWH([S HL H Q QE EHD[QHUP
W R ZLWKDPHQR DQGD DVQVD GHEDYBRQR

. Q R ZO3H.GQRZEHD GJWEDWXPH G WKHVEVRE H QRI IRWH EHGF RWVRI EHCHLVDQG
D WUWKVG HDVQZ DVPHDXVHU GLWKD QQHLMP LQ E[VH HS S SQHL[$ 4 X HWRQ Y4 D 4L W R
PH YDXHUWH HOYHORI NRZOHG JRHSDQWQQJ F DQJ IRUPDQD LQ JD GLGHQWV\ LQ JKEDQWHY4
(DFT X WRQHPSOY\HG/ DN HUHSVRQVH DDF DZKWHUHSVRQVH 9YH\UNQRZOHG DEHD
3 VRPHZKDWWRZ EHGDEHD D G3NQRZ QWH URQKQJ´ 7KHT X WRQVZ HUHHMU F RBHVB
WKD WVRZ EHGJFHKGEHPHYDXHUGQDR DDF IR ± 7KHVZ HYEHPHYDXHUZ HUWHQVXPPHG
IRUDJHQUPDHYDXHU IRHSVRQGQWNRZ EHGJ7KHDSKDUHDE LWOWWVRUWKHQG[\LHG H D
YH\UKJKDSKD RUFRI + JKHYD DXHVQGLFDMPRUHN RZ EHGJDEHX WEDQWHY6 XYH\
UHSVRQVHYRQWH. QZO HGQJEHD[QHUP W R ZLWKDPHQR DQGD DVQVD U G
G HDYBRQR

6 R F L FRGJDBUSPK LYLDDUE2O6HHBVWM GX EEBX SRVWKH .RQ &RX QVKRPHZ QHSS XDQRQ
Z HUHG HQ EHE \\VFLRG PHRJ D SFK KED U EHLWMVV7KHVL[VR WKHHWXEJ BX SLQWKHVWX G \
VDPSQHZ HUH IPS& D UWHBRG6 &QVKVG DDVRUWKHWD UWHSFRS XDQRQVRD VHV
UH S UHKQVWWQ HVRI RX UDPSQH $ QR WKHPH QUHSVRQVHVIRUHHDKR WKHRS HWRQDQ]LQ J
YDLDE HQLQGLFH YQLVF XWH GERVH ZHH UPS& D UDPFRQJ WKHWXEJ BX SWVGBWM ULQ HL WKH U H

Z HUHVLJQ LFDQWGILH UQHFVH6 FRRGPRJ D SFK KF D UHDWEWZ H UPHYDX HJ G\ T X WRQ V
4 ±4 DQ4 VH KSS S SHL[C$ 7KHV T XWRQXD NH GKHVX YH\ UHS RG HWW UR HSW
WKHLD J HHGQHUKQFL UHQWRQ S RWFDOLL OLRQDKPK MKRGLQ FPRH J HJRD SFKBF WRQ
DQH GDWRQOHMHODP RQJ R KM LGHQW\ LQ JF KUDF MWWEV

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7KHILQDQJDYURHJDJHE\REHWWHUVWDZH UGHHDSHVURXJKXJWRQ\Z\.QR[
&RXQVWDNKROGHU$VVXPPDU\RIWHPRWWPSRWQLQGJDQGWKHFKURHDWRU
UHSRQVHYRIWHDYUHJUHSRGHVSHFGVEHLWORRPRUH GDEWGHXQVIRUHEKTXWRQLQ
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UHSUHQWKHQGLYLG XQDHVSRQVWWRQJHTXWRPWHVX7KHDWZRUQGHU
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$SSOQG[%

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:KRUHSRQGHRWKW VPX'UY
:KDWGR.QR[&RXQVKRPHZQHUNVQZDEX WHUV
:KDWGR.QR[&RXQVKRPHZQHUNVQZDEX YRFDWHHLVX
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+RZ WRQJLVX SSWRSSVWRQIRUFDWHSROFLHVDPRQJKRPHZQHU V
+RZ GRVRFRGPRJDSFK LF KDHUWEFQWX EFHSXIERSLQRQDGVX SSWRUWH
PDLQWQDQFH DSQRHWRQ VWHVD PRQJKRPHZQHU V

: K R 5 HVS RGQHVWRWK H6 XUY H \"

6 XPPDU \$OROWKHOL JVKWEHLVHR Q GHLQWVDHUHLVGHRQVR [& R SX Q W \
P D MLRVU O L Y NL GVWKHWHLVP LOWKVEYUDHJWKVHUHSVR Q GLHZKQWW HHDVR I
D JHK DDYW W H Q GHDGQGLRYOKRWKHRJHHKFRLQZGGL FWKWHRDVQDQXQFRLEZHHMWEZ
D Q G 7 K EYUDHJ HVSURHQ GKHDQYWVYDHKGVR UK HFUXHUQWVGHURHQLVG H Q F H
IR UD E R XVWDVD QLGP RHULOWHWER H 5EHSEXO LWDKEQWKHHR FDURVQ GHQSGHH Q W
2 Q O \ SHFUEWUHSVR Q GDHQ WVM P EHDQMQRQ P H QVDVDEOR JD QDLVJ L R Q

\$ G GVLRDQJL QQJ V

- \$JNVUDJQHGRP W R \HUY ZWKKDORWKHHUSVRQGEWEHQJ \HUYRURGHU 7KHD YUDHJDJRWKHHUSVRGHWQVDOR \HUY 4 XHWRQ

-) LW IRXUSHUWHQ D UMHUHZKQ D &D XDEVQ ZWKDQP WGXPE HRU\$IUF DQ \$PHIEDQ V D G\$VDQRU3 DHFL,DQG HU + WS QFL QG\$PHIEDQ,QGIDQ UH S UHKWVGHWWKD Q S H UQWFHEKRWKH HUSVRGHWQ4 XHWRQ

- 7KUWS H UQWRHUHSVRGEWKDM VPR FHRJRUWKQFLDFKRRH[S HLQF H D G S H UWREWDQH GFIRDJXQG H UJGWKDHGJU7ZHWQRQHS H UWH Q KD G D WVQWHJGD G WKWF RRO) RXWHQS H UWH Q REWQH G QWDWKJK VFKRRGLSORP D RU*(')HZHUG EWKDMQWWKDQD JKKLVFKRRGLSORP DRU*(' 4 XHWRQ) LJXHU

- 0 RUHUHSVRGHWQD UFRVH UDWWH 5HESEXQ V WKD QRG H LD5WSFRQZ O ,QG HSGHEWKDM RUPRG H LD WWRF UD W 4 XWRQ) HZHUG EWLGHQW\ WKHPVHOY HDVZEQ JDGE HQ EPRF U D W 4 XWRQ) LJXHU

- 7KHWSLF DWRDVD QXQDKRXMRGLQ FFRH IRUHSVRQG HWQVEHZWHQH D G \$ TXWBUBWKH HUSVRGHWQ UHBUWGRXMRGLQF IRHVEHZWHQH D G 7KH HQWKJKHWS H UWBHRQUHSVRGEWKDYQD QXQDQ FFRH RYHU)HZUHXPE HBUWHSVRGEWKDYHLQ FFRHYEHZWHQH D G D GXQ H U >4 XHWRQ) LJXHU

- 6L[WVWKUHSH UWH Q QY HXWRGH .RQY LHOBWO LWL S H UWRQ4HQVGHWKH &LWRN.QR[Y LHO4QXWRQ

- \$ QWRHRYH D TXWBUWKH HUSVRGHWQ KDMQY EDWKHUF XHUQWHVGEFHIURP WR\HUY 7KH BVDQHWKRNWMPHLV \HUY D G WKHPHGQLV \HUYD WKH VDPHD G GVU7KHV QWKJKHWS H UWBHRQUHSVRGHWQDY HOYLHLQWKHVDPHSOHF IRUPRUHWKD Q \HUY IRQBZ HGBVFDE\WKRVHWKD KDYHQY HLQWKHVDPH KRXMIRU \HUY 7KH HQWQNEQJWKVRWWPHUHVQJD WKHVDPHUHVQGEF H D U HWR\HUY WR\HD U V \HDBUBHW D G WR\HUY 4 XWRQ) LJXHU

- (OHYHQS H UQWH RI UHSVRQGHVD UPHPE HVEL D HQ YRQ PQWDD GRYE RUJ D]QDWRQ S H UWDHUQR W4 X HWRQ

-)RUWRQHS H UQWH LQGLF DM GMD WKH ZRXGDN HRWWHDVXPD\URI WKLWX GTV UHXQV

: K D WG R. Q R&R XWQ+ R PH R Z QY.HQUR IZ EXRW/UHW1

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6 XPPDU\ $O WK HRFXDIKLRWU. Q R [& RKXRQHWZRQ HVU1 ZK RUHVS R Q GRHWGK HW VX VUHK DVG J Q E DHQSWRXUHRWHUF DHU D RQKGHQJD EJDGSVIDQF JW L YLKWHL\HWXBV L O O X Q UBWHDDLEQRWXKVBE E U ORL VG H\QYQI.WWLURHGLHVD+VGHUHD QDGHUX QXUD E RKXBW WSRBW BWHWHUR PSHWW/K H\J XJ HBDVHUN RLXQBWPJ D WD E BQXDWEQDGSVIDQF JW LBY L W L H V W D OZL LWRQKV YKRHBU\ZD W F KVLHQDIRSQBJDUP VE XWK H \ODWLVQHF OWLBQWVG H Q G ZRUNKVRSR UF R XQ QZLWSKX E RILF L DIE ORWXHUWF DHU7 K HD\HID LOUN QZR H G J HDBEERXMV W KHWV HRQWK HLW LXQEJD IQ HUWF R+YU Q Q R&R X QDWQYGH Q YQHBVZK R OHQYGD O X H WHUWF R Q EVRUQWLK D GDHLTUX D QZL YWG OKE L WV QSWU Y D F \

$ G GMLRDQJDL GQQ J V

- $ P DWRUWVR IWH RR H ZQ H U V H JQD JGHQJ D U GQHFQDLQJ IRUWH VHRUD ZQ ODQGF SLQ JD WBY WH VD \RXKV0 RUHWD QT XWDBUWH P UH SUM GRLQJ WH HV DWBY WH VWF EDRQDO ODQG S H UWKDHQWH URR H SRXHW WRH HD WBY WH VZ K LH O JBZ IQJ X S4 X HWRQ

- 6L[WV VHYHQS H UQWH RI WH RR H ZQ H SQDQW GWBHQWH S DWLY H\ H UY DQG WRRVHZ KROY H XWRG HKHWWV D UPRUHQN EHWRKD MG GHWKVLWKD GLWG ZHDH U 4 X HWRQ

- 0 RWKRP H ZQUW KD G DQMDGURPQWLQGHD RR H JGDBG XQJWH SVDHVD (LJKWS H UQWH KD MDWV H BRKM UDWBXWD U GQHJYQHUF DH R UDQG FD BQJ DQG S H UWKDHQHGD UFBWRUZ DFWK G RSQUYD BX WDG HQQ LWH F DH RU ODQGF SLQ J$WGD WKDO RI WH HUSVRQG HWKDY H ZUR HRGWHUWPXBKH G UXRQWH YWLM GQD URBEXVPRUQX WH U DQGF XGWZ QDWH HLQWK HS DWLY H UDQ D UE UHSVHWWHD\ 0 RUHWKD GBQH KWG RI WK HKRP H ZQH U V KD MK UH GM H U V WPRDLQMLQWK HLKRP H¶V DQG FVSH) H Z DKG QFXRM GZ LWK DS XBLGD JQHF DERX W ODQGF SLQ JG GD HWGP H UR RQ\ WDR DQG FD BQJ J BX SRUDWHWQ HRGXWVRU ZRUNKRS VD BXWDQG FD BQJ LQWK H SWDH UD DQ UE HS VHWWHD\ 4 X HWRQ) LJ XHU

- 0 RUHWKD GBQH KWG RI WH RR H ZQ H U V FRUHWD DQZ H U4HXGHWRQ Z KFK DNVHWGHUHSVRG HWQVIRWP DHWK SFHBWD JRI LQ[&RX QV¶VDQG FVSHF RH U EHG WH VWK HDYZ H U S H UWF H Q

- 2 QH T XHDBUWKM RKPHIZQHUV FRUHWWHWPDHWGKHUHDLWHDPRX QRI XEDQ IRUHWWKDTWH QHQYH IK DLQFF IRS DVBQZLWKRKM URXKHYDM UWQDM VWKHDYQZHUWR 4 XWWRQ LV³ PRUH EDQIRUHWWKD QPRWRKM URXKHYDM UWQDM´V

- 2 YHIKLDRI WKH RKPHIZQHUVLDHBDWWRPHIZKDWN EQZ GHGDEHDERX WVTQWQJ FDQJ IRUWPP LQ JDQGF XLQJ GVZQWHYHSRUHWWQJ WUHYHURP SHWWLG GHW\LQ JQDLWH WUHYHLG GHW\LQ JKHQK \WHYHDQVHDFLQJ VXLDEHDWHYHRUDS DWEXD QDQGFVDH + PPHIZQHVN EQZ WKH IRWDERXWSDQWQJ FDQJ IRU DQGWPP LQ JWHYH DQG UHSVHWWHD \ DQGN EQZ WKHHDVDERXWGHYQ\LQ JDGLVHYDHGWUHPWQJ D WUHIURP SHWWDQGG HW\LQ JQDLWH UWYH DQG UHSVHWWHD \ 4 XHWWRQ) LJXHU

- + PPHIZQHVLG GHW\ DLT XQDV ZLQGCHEWD WDGQLQ FUHHSDLY DIED WKHPRWW LPSRWDQWQWRQWEXWRQ YH WUHYH DQG UHSVHWWHD \ 7KHQHYDV LPSRWDQF IQ UEHWWVWRI WUHYHRUD UHRPHIQHUVWKDLUSRHWQDQWRVBZ ZLQG SRGXWRQRI D WDWWVEYHERRPV DGUHGWRQRI WUHWQRLVH DGU UHSVHWWF EH \ 4 XWWRQ

: K DWGR.Q R&R XWQ+ R PHIZ QY.HQUR IZ EXRWR F DZLDHI,WX H'V

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6 XPPDU \QR YUEK H O PPLDQMLRRUI Q R [&QPWKR PZHQHWN QZRO DWRWQ R W IQ EQJX W WK.EQ R[YQ OFH PKR DGWZR NJ RHQ K DQQSRJ D P WSRO DWEUWR UG HHYO R SSLQDWQRV H$ D QWGKOHR EJBR QQHP H QRWUWEVJ KRWS O DQQDWQSGRW H FWWWEQHZDHUH MYQZDUH R W K&LHWWZFRUN WWDVULQQV K H VWSRODWKQR IQ GRWWHUWWHUH

$ G GWLRDQQL Q QJV

- $ OROWDOO RI WKH RKPHIZQUNEQZ QWWH RQRUKQJ DERXWD QRI WKHMVLMPV WKH .QR[YLHZUHPKRD UWKH &WERI .QR[YLHQVODXM6WUHWUHIBDQ WKHSRSRVDWR F UHIDQQR[YQLOQR[&RXQV7UHPKRD UDGGWHK BSBWDQRUD QR[YLHQQR[&RXQV7UHK&RQVHUYDQDQG3DQQQJ3DQ 4 XHWRQ V4 D 4 G

-) H Z RI WKH RKPHIZQHUNQZ WKDWKH IBVRI .QR[YLHIDQGSRUUD PEHIQ IQ J LQWKH WRSDQW WHUWSHVHUDRQJ FLV WUHWW 2 IWKHSHSRKZKRN EQZ DERX WKLVSRUD PWKH PRWWUH TXWEHBPH ZDURHIWE\REVHYQQJWHQH Z UWWW WUHVWKDWKZ GHEQSDQWG 7KH HQWWZRPRWWRPPRQZDVRI QHIDQQJ PRUH DERX WKHSRUD PZ HUHE\UHQEQJWH .RQYLHQIBWZ6HWQHD DGBE\ZDFWKQLJ WWHYVRQ 4 XWWRQV4 DGB4

- $ PDWRUW RI WKH RKPHIZQHUVUNEQZ QHJGHEDWRUWRPHIZKDWWRZ EQZ GHJUEHD DERX WKH1 DWRQDO$UERU'D\)RX GIRQV4 XHWRQ4 H

: K D WDYHWK H$ WLXG HWZ DGUR F DUGH 5DWM GXX HDVR Q-U R PH R ZQVH

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6 XP PDU 2 YHUD OLDVS S YWDKUDQWR [& RKRQ PWQR HVKJ D YDE RLWV D YWKWGWWRZG
S RWWHLRQQSGO DQQWWHVD QDGS E EDWWKQHWDXEUQ RQ P H Q WL¶E/X FWWRKQHU
T X D RLWWK\EL XUT K HHUDK L JKHHYD S E EDWR EQVLQ EDKQ RQ P HQQWGV
E XL VHGWLWF WR PVWR W K H P VR DX YRKXWPR M W KKDWP HD VHXHUVE HDFXHWHV
K D YDE HVRUQ D KD Q LWQWY K H P RDWQKGKQ GWM DWQ KWDHWZL OHQ K EVQKF E RE SUW \
Y D QY X RWK R PZHQ HVU D OVXHEHE L RVE WG LW K HQURQ P HVQRWWK EHEGHD Q G
K D YHHR YGWHUVRUF W K SRE SWUHF Q VP RWVEW HDFXHW KWHUZHUHG H DRGG LHVDHVG
$ORVDO D HU Q X RE EVHUHRBW KWD KOHR FXDWQVF VR P S DKQR\XGRDE H WWVRWEUP P L Q J
WHUVQ H BVHUO L Q H V

$ G GWLRDQJDL QQQ J V

- 0 RUHWKD QXDD RI WKH RRPH ZR QH UQYGF DM QWD WKH UHPRYH GQRQH UHURP WKHUSRBS HWULQWKH SVDZVHHD U2M WKRVH KDWKD GH HRY HDQWHUWKHWZR RPRWW FRRPRQUHVDQVLQ GF DM GRUGRLQJ VR Z H UWKH UHVZ D QG HGBR UPQRWG HGD D QG IH UDWD WKHWUH EZRXGDDRQQWKH HUSVRQG EWWKRX M 8 QD WD WBYHQHWVRI WKHWUH H D QG IH UDRI WKH UHMHR PVQVDDPLQ JWKH HUSVRQG HWQKRX MIRX QDURQ Z H U H WKH HQVWZRPRWWUH T XQBHLQ GF DM GH VBRQV 4 X HWRQ Y D QG4

- 0 RWKRPH ZR QUHD J U KDHWHVH HQDF HSRBS HWUX DX H V Z WKWRVHDYLQ J RXWG IRI WKH LWF YDXLQ JUH VHRUWKVLH VBRQPRUHRWM QWD QBWG ZGHHU7VK VDHMHD RI D J UPHQWLVIRQBZ HGFQBVHD E \D J UPHQWWD W KXPDQ YKDY HDUHSVRQVE LWQWR SRHWFWH VD QG WHUVD UZRFWK SRHWBQJ LW K HKDYHK VBR UF DYDX HERWK \$ VJQ LFDQWSRBSRUWRQRI KRPHZR Q HGJRQR VHDHMYHWKD XWQWLF RSDHVD UGHRJ D J RGBWE FDHUQ JEUDCK HDVUXRQRYH UHGZLHV) RW ILY HSHUQF H D U H VDIWHGZLWK WKH Z DWH VD UWP PHGDUXRQSRZHQQVI7KH ULVHDKJKDMHQRI GIDVZHUPHQ ZLWK WKH VQDM PQV ³WH VWKRXGQR VEH SQM GQFLWH VEHD XHWHU UR RVFWU DWKHNGVHDZ QG ³WH VWKRXGQRWEHSDQM QEXVQ HVGLWUF W EHD XHWH EROF NRUHWQVI IRUERKV2 YHBQH T XWDDUXHQXHZ KHKW U WH VF QEHSRHWM GQDL FVRHIEVY HPDQ EQBQF RQWK FBRQVLM V EX W D J U KDHWHVF QEH SHUWM GQWHV LW4 X HWRQ) JXHU

- 7UHVKDYHSHRQDVVPERCFLRUSSLUXDPHQQJW R S H UWRHWKRHZ R QH U V 4 X VWRQ

- 6L[WS H UWF H Q RI WKH RRPH ZR QH UHVBLWVY HLPSRWDQWQBY HQRQSRBS HW ZLWKWHVH S H UWKHQQWKD WD YQLJWHVLVVRPHZD WF SRWDQW)H Z RRHZR QH U V WKQNWKD LWWVX Q SRWDQWWKRM UWHWDRXQGWKLURX M V4 X HWRQ

- (LJKWHLJKWS H UWF H Q RI WKH RRPH ZR QHVQDY H QPSRBS HWUWD WKDY HRQHRUPRUH PDXVHWWH VHWD DWHVDBUWD QKHLUUHDGBF H S H UWGHRQ WLWG ZQHHU VH D U VQJKWD PRUHQNHO WRKDYHPDXVHWWH VHQWKHU\DG WKDQWRVHQDYLQ JRXWG MKHFLW 4 X VWRQ

-) H ZKRP H Z QH U V UH SWH GKD VWH D UQHR FVRF HQH GLVK H QURQLPQDOLVX M 4 X WHVRQ4 F

- $ VRQGPDUULV VWDMVKD JVHVLQJVRXVLQRQDXVHLVDVWH VWH GHXERUVKHP 4 X WHVRQ4 G

- -X WRYH HGDD VK QNVKD SVRSHKDYH KMVLJKVWVPRRGLI\ VKHQDXDDHQ YRQ PHQVW R VXLVKHUQHGV 4 X WHVRQ4 H

+ R Z6 WR QLJ6 XSS RVW2 SS R V L WX LR EDU HP3RLOF VDHR Q+J R PH R ZQ'VH

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6 XP PDU $O WK RQXR[K & RKXRQPZEQFHVDHU HH[WRGF R EQGH G E RVX KSVRW H FRW L R Q WHUVG XLQXJWL VDOLFQGHEDQBHKQFGR VQXF WFLWBXQE GLFXQWQFGR PHFUL D O GHHYO RQSVPWKDHVHQVX S SVRHUR VX QXH R SR Y L GPLRQUS X EXQLQFG LVQRP SRY H WHUP D Q DP JQHLVQV KHHQWW D YQ2FQW KRHW IK EHQHGZUHLVG H VQ KVLVQKNDQLWRQ P H Q W D O OZDVK XVW VKHR Q R P7 K H \ DEGHMVX S SVRLRYKHD Y LDQDZV KPDDW VWLHFVWK RZLQU D E L\ VERVQ DWJKHSHLUYDDWQHGDVS H

$ G GVLRDQJDL QQ J V

- 1 LQH\VS H UQW H VX SRSWKD YQLJXKDVWLGLVWF VH QRF HSRS HWP P LQ JR VWH W WH VHD QSRHVWRQR WH HR RV\S PDMRUV R KRP H Z QH U QR IDHEWKD VW LG EWDO G HHDS HVUKRXCF XGWZ QH ZUWH VZ KH EXL DQGVXEGLYLVRQVLQ. QR[&RX QV D QGWKD YGVHDS H UF RRP H UDESRS H\UQV.QR[&RX QVKRXCEHUH TUKH GV R SRHVWRCGWH VR SDQVQH Z HVW U) H ZUKRP H Z QH U V VUKDY SQRXURQJ H U UXDH VZERX VSRHVWRQ GD U RGBWH VRQSLYDHVHUG EWDOSRS H\U W 4 X HVRQV D E G HDQ I) LJ XHU

-) H ZKRP H Z QH U V VX SRSWG HRXQJ P RUH S Z EXQBLQ JW VR YQLDQG SDQWQJ WH VHLQ. QR[&RX QV KRZ HYH UD LJQILF QWQXP EH U D UXHQ HLGFHRGX QX HU D EX WHLVUX H4 X WHVRQ F

- -X WRYH HGDD RI VK HKRP H Z QH U V ZRXGDNHD G EQDHVWP HRUP RQH\ VR SDQVWH VH LQ. QR[&RX QV ZLKFLW G ZQBHOUVKRZ LQJ P RUH IRDWH G HFQWKDQQRQFLW GZ HDHOU V 4 X WHVRQ

- 5H JUGLQJ RVK HU YQUQ P HQDDLUX H IHZ KRP H Z QH U V VK QNVKD HVYQUQ P HQDO D Z/KX VWK HQRPR DQGDP DWRUV ZRXGVX S SWKH FGH P LVLRQ/VHVWQJ IRU . QR[&RX QV &LW G ZQBHVUX S SWKH FGH P HLVL EV/VHVWQJ VQJKVD P RUHVKDQVWRVH OYLQ JRXVLGH KHVLV 4 X WHVRQ V EDQG DUHSVHVWHD \

+ R ZG R FGLHRRPJDUSLKR&KDD FWVWF,QO X H QXFEHP SQ L RQ6 XS SR W
IRUWKH DQHWQ D QQFGURWWV RQ7UHVD RQ+R PH R ZQ'H

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6 XP PDU + R PRZQHUZL WKKL JKLHQUF RXP QRFRHU H G X FKDWPLRRUQ$ HLUH QZE WK
WHUFDHU H YOHRYH $ HLUHQ RRSRYGHVERH LVJKOWGHHUQRWH P DVY WP D ODHQGGV \
UHLVG WYQWQY RFL WVL GJHHQLWWWKHOHD WWWDHFBKDLD Y P QRHU2 O GKHRUPZQRHVU
K D YOHL OKPWHU NZQORHG JD EWRHWWV K\DRQX QUKR PZQORHVUH P DVXKS SWB R O L F L H V
IR UWHUFDHU D PQDGQ P JHQ W WF RPDBQO BQVGV K H \ FKRDHS HLWV D WKWGLWWRUG
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ZK RK D YOHL YLHQWGKDHP H SKR DP RHUKWDVQ HHQ U8 QXVSLVL Q JWQ YKHZKVBE H OWRQ J
H QLRU Q PQHWFDQD QDLW[L R Q V HR WRHKG RWQWBHWS O D QRWUD QDLW[L R Q WWWHUKS S R U
S R O LPFXLHPVRHUKWDVQ KHZKVPG RQ R W

$ G GWLRDQDL QQ J V

- +LJKH QBY BVRI H GDXWRQD UWHQ LFDQW S D QPRG H HV\DWRFDHWGU
  ZWKPRUH HS[HQ FZHWKWH HF DH
- +LJKH QBY BVRLQ FPRH BD LJQ LFDQW S D QPRG H HV\DWRFDHWGU
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- +PH ZR QHVDYLQ JRXWGH IRWH LWV QLPWUH SUWDVWDWXF D QKJKH QBYHORI
  H S HHQF HZLWKDQGN RZ QHG JDBRX WH YWKD QKRH ZR QHUQLQ JQGGH KWVLWV
  YV RXWRI D QG YV RXWRI UHSVHWWHD \+ RZ HHYUWH UDHUHHZ1 DQ \
  UHQXBVWDYQYH LGH UQFHMBE HZWQHWKHHVZWRJ BX SQZBRWKD U H D V
- $ QWRX JRQG HKBP H ZR QH UIVH JHBWWKDQWH HF GQD JRI KDYHPRUH
  N RZ QHG JDBRX WH VD QGWHUF DH KDVQRP H ZR QH UQBVWKD Q \H QBYRQG WH UIVH
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  UHSVHWWHD \RX W
- 0 DQH WH SURI GLJKWDP RUHN RZ QHG JDBRX WHUVD QWH UF DH KDQIHPDQH V YV
  RXWRI +RZ HYH UHP DQVVF BH GLJQLF QWKHUSRI WH HBWXG H
  WKD QPDQH V YV RXWRI)HDQH VDOR VX SWBRQFHVWSRR HWWD QPQD J H
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  + RZ HYH UWH UVRQR VJQ LFDQWGILH UQFHHQD WWX G FRI VPDQVQGIHPDQVHUQQ JBWV
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  ,QG[HVD WQF RH YZERYH ZKH UHPDQVF BH RXWRI D QPDQVF BH
  RXWRI

- . QRZ OH G JDERX WHUFDH HEZWHQFLWV DGQQRQFLWG ZHOHVG HQSGVRQS RWF D DIL DLWQ WVRPH GHHJHPRF UVDOYQ JRXWG HFLWO PWLNQRZ VJQ LFDQW PRUH WKD QHPRF UVDOYQ JZLWKQFLWO OLWF YV UHSVHWHO \RX W ZKHU HDV WKH ULVKQRVJQ LFDQWGILH UQHFEHZWQ5H SEXGDLQDYLQ JRXWG HDGQLQYG MKHFLW YV
- + RPH WR QHVDYLQ JD WKHUF XHUQWHDG GHIFRUOWVWKD QW QH UY LH WKHPH LGQ QXPE HRU\HUY IRUF XHUQWHDG HQF HVKRZ D LYKQD KJKH SIRWHUWLWVG WKDQ KRPH WR QHUZVRKDYH HUG H GWKHD WF HD OS IFIRUPRUHWKD QW QH UY YV RXWR $ QWRX JKDLWF D QVJQ LFDQWWKVLL QQ JUHOHWOWH URQRVX EDVQY H GLIH UQTHEHZWHQWKHNVZWJURX SRVKRPH WR QHV
- 0 HPE H EHVQ YRQ PQWRUJ D JQWRQVDQGWRVHZ KRLQGLF DW GKD WH\ ZRXGG EDHV WP HRUPRQ\HVRX SWRDQWJ WH YF R UVEQGLFDQD KJKH EQDDI DFWRI S XE O L RSQRQWKD ZVHUHH DPLQ GH LH NRZ GH G JHHSHUHQF HEHLL DWX G EHQVX S SWR
- 7KH%H O,QHGI Z DVQR WJQILFDQW UHDHWGVIRYQRI WKH YFRG PRJ D SFKYDLDE HV WKD ZVHUHH DPLQ H G

Figure 1: Education Level of Survey Respondents

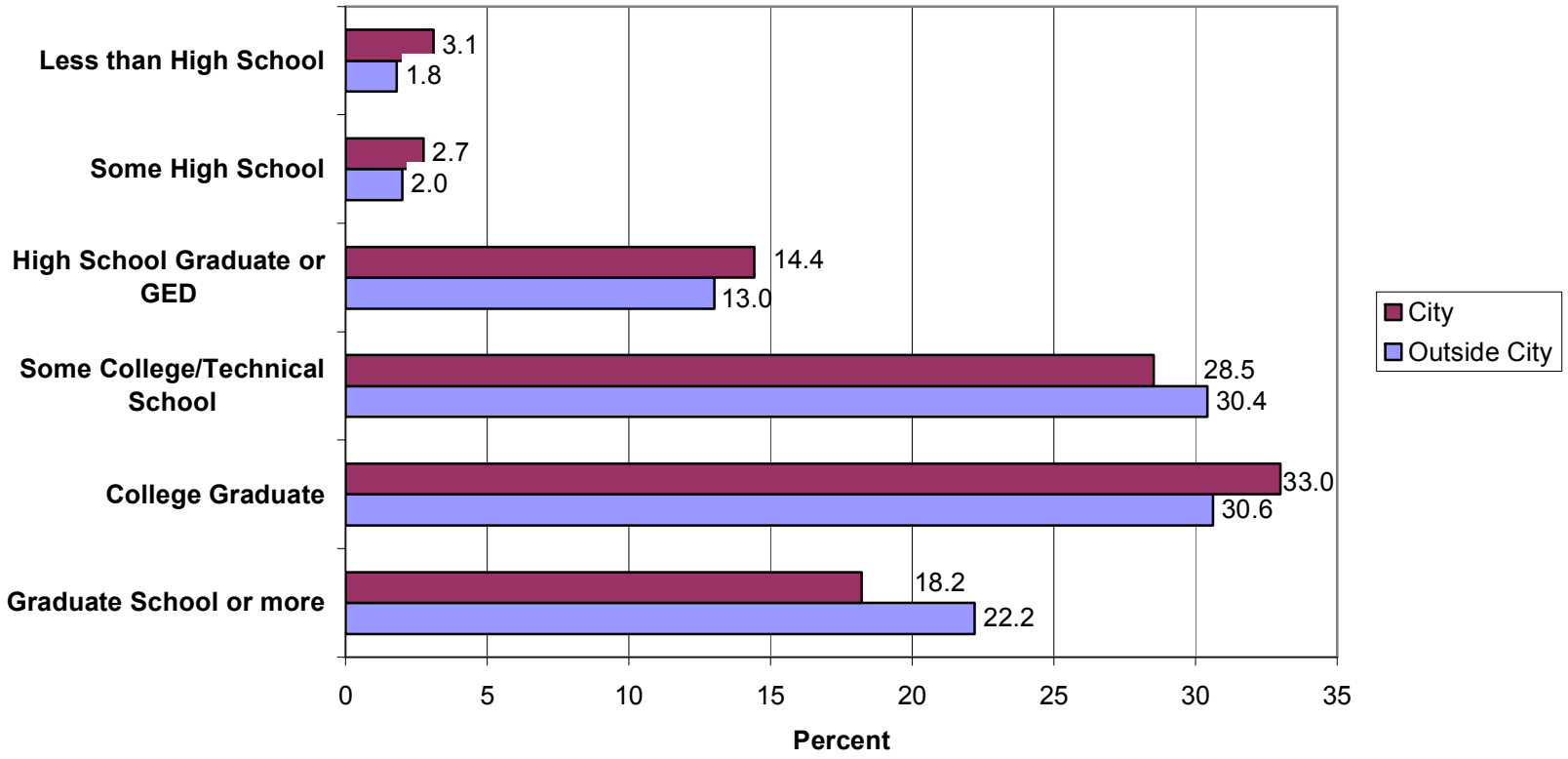
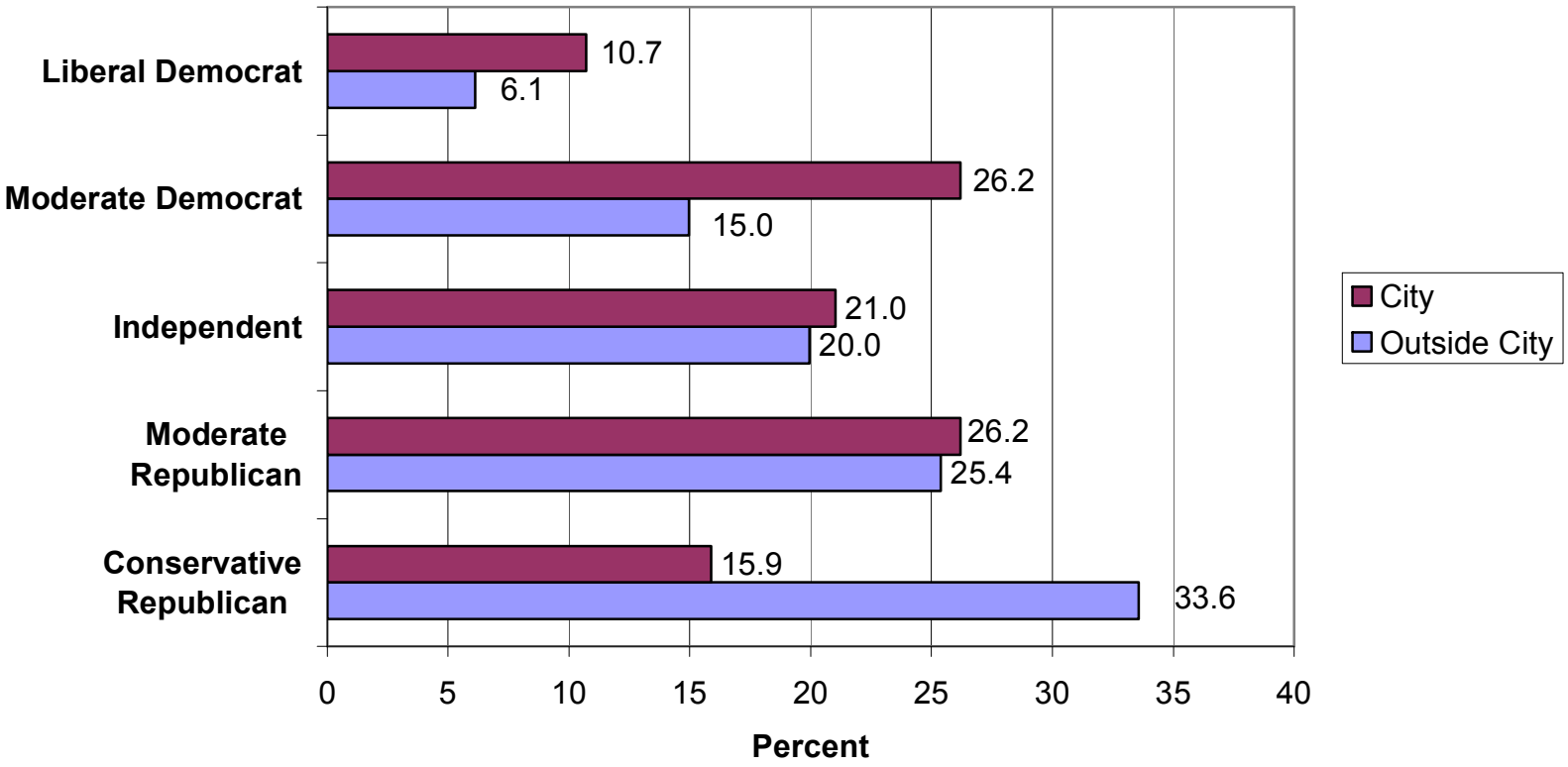


Figure 2: Political Affiliation of Survey Respondents



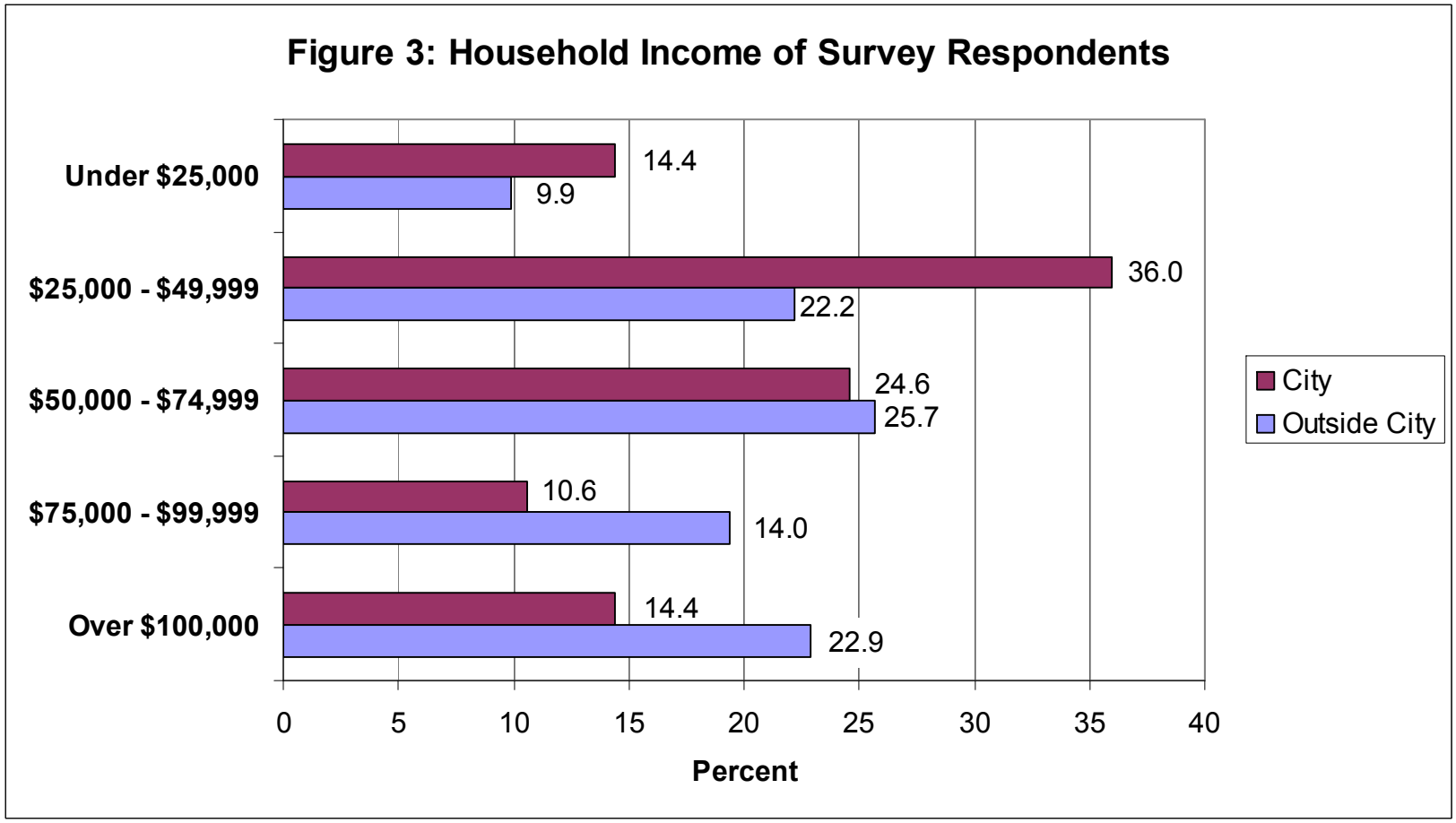


Figure 3: Household Income of Survey Respondents
Under $25,000
$25,000 - $49,999
$50,000 - $74,999
$75,000 - $99,999
Over $100,000
14.4
9.9
36.0
22.2
24.6
25.7
10.6
14.0
14.4
22.9
0
5
10
15
20
25
30
35
40
Percent
City
Outside City

Figure 4: Number of Years at Current Address

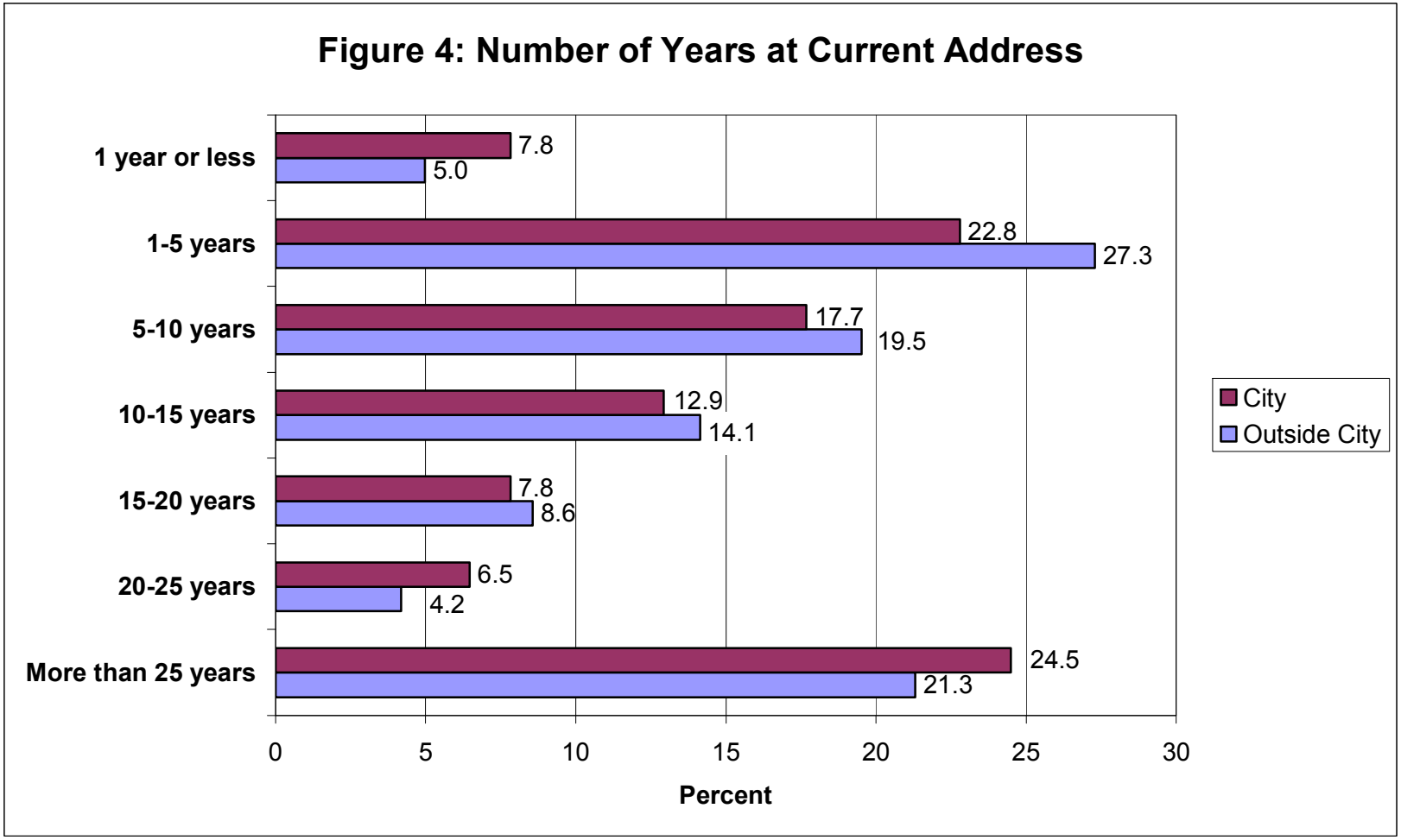
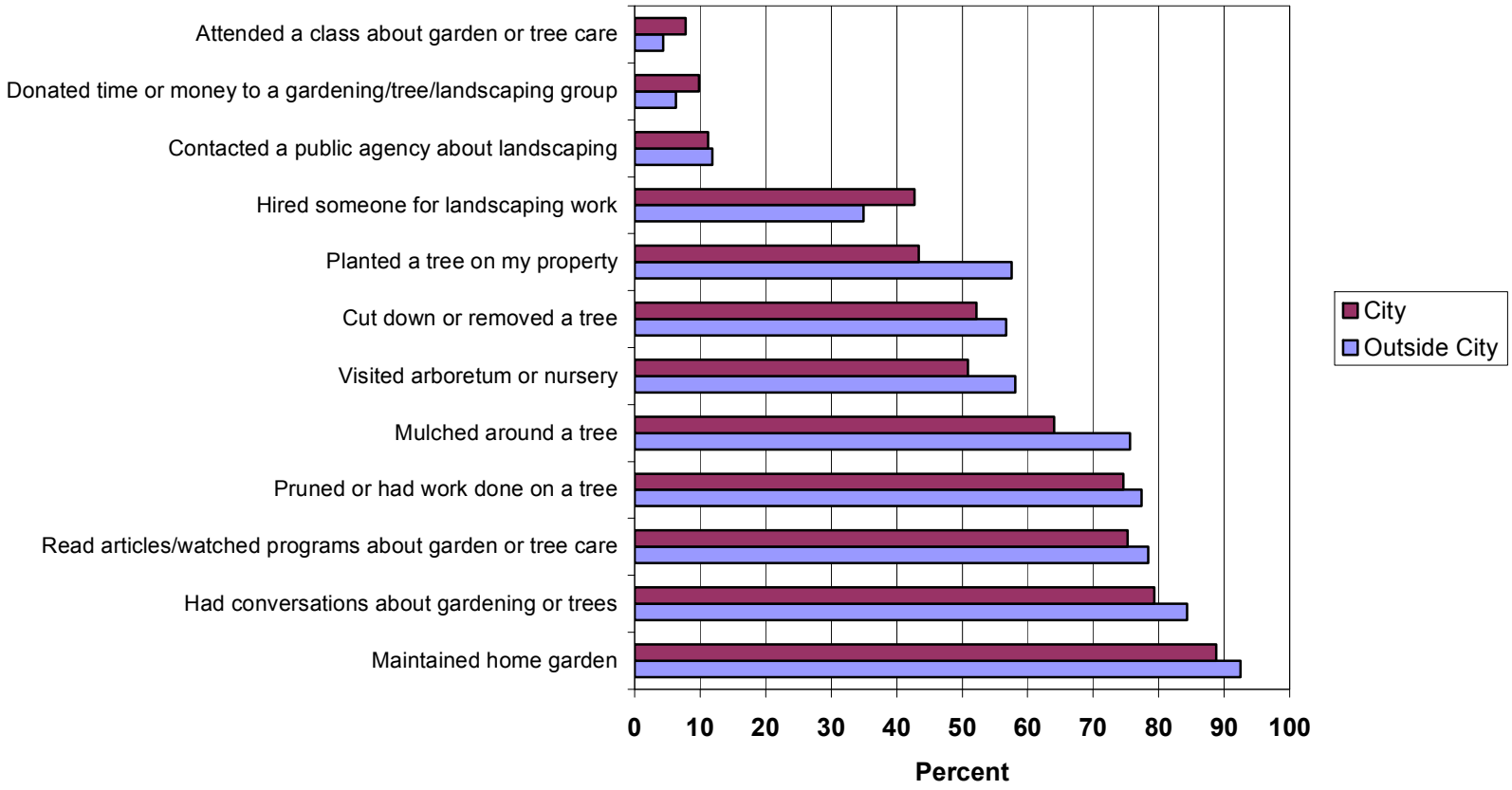



Figure 5: Experience of Homeowners With Landscaping Activities