

H-RXUQDO RI 7D[ 5HVHDUFK

YRO QR SS

1HZ = HDODQG ¶V ILUVW GRXEO

\$EVWUDFW

7KH 8QLWHG .LQJGRP±1HZ =HDODQG GRXEOH WD[DWLRQ DJUHHPHQW ZDV 1HZ DQG RQH RI WKH 8QLWHG .LQJGRP¶V HDUOLHVW WD[ WUHDWLHV ,QLWLDWHG E\ QHJRWLDWLQRQ RI WKH 8QLWHG 6WDWHV±8QLWHG .LQJGRP WUHDW\ WKH DJU WRZDUG LWV 'RPLQLRQV ,W ZDV FRQFOXGHG EHIRUH WKH 2(&' SURGXFHG WKH IL LWV GUDIWLQJ ZDV LQIOXHQFHG E\ RWKHU 8QLWHG .LQJGRP WUHDWLHV \$OWKRU DJUHHPHQW FRQWDLQHG PRVW RI WKH SURYLVLRQV IRXQG LQ VWDQGDUG GRXEO H[DPLQHV WKH SURYLVLRQV RI WKH WUHDW\ DQG FRPSDUHV WKHP WR WKH DOPRVW DOO PRGHUQ GRXEOH WD[ WUHDWLHV 7KH WUHDW\ ZDV D VLJQLILFD RI GRXEOH WD[ WUHDWLHV DQG LV DOVR D UHPLQGHU RI 1HZ =HDODQG ¶V FORVH

.H\ZRUGG\GRXEOH WD[ DJUHHPHQW GRXEOH WD[DWLRQ 2(&' ORGHO &RQYHQWLRQ '7\$ WD[ KLVWRU\

---

6HQLRU 3ROLF\ \$GYLVRU 2IILFH RI WKH 3ULYDF\ &RPPLVVLR HOOODYDOHULHJULII#JPDLFRP , DP LQGHEWHG WR 3URIHVVRU & -RK(

SHUVLVWHQFH , DP YHU\ JUDWHIXO WR P\ IDPLO\ DQG IULHQGV IRU DC

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

, 1752 '8 & 7, 21

7KHUH DUH PRUH WKDQ GRXEOH WD[ DJUHHPHQWV '7  
UHOLHI IURP GRXEOH WD[DWLRQ WR WKH UHVVLGHQWV RI  
SDUW\ WR '7\$V LQ WKL% \ HJ WPHQWLQJH VQKHWZRQNGLPHQW  
WD[DWLRQ '7\$V IRVWHU FURVV ERUGHU WUDGH DQG LQY  
RI SHRSOH DQG FDSLWDO EHWZHHQ FRXQWULHV

7KH 0RGHO &RQYHQWLRLQ RQ ,QFRPH DQG &DSLWDO GHY  
(FRQRPLF &R RSHUDWLRLQ DQG 'HYHORSPHQW 2(&' KDV E  
WKH GHYHORSPHQW RI WDI[ WUHDWLHV DOPRVW DOO PRO  
2(&' ILUVW SXEOLVKHG D GUDIW PRGHO WR DLG KDUPRQL  
2(&' 'UDIW &RQYHQWLRLQHU UHOHDVHG WKH ILUVW YHUVLR  
&RQYHQWLRLQ RQ ,QFRPH DQG RQ &DSLWDO WKH 2(& 0RGH  
UHYLVHG UHJXODUO\

1HZ =HDODQG¶V IRUD\ LQWR WKH GRPDLQ RI LQWHUQDWLWK WKH FRQFOXVLRQ RI WKH DJUHHPHQW ZLWK WKH 8QDQLV LV QRW VXUSULVLQJ FRQVLGHULQJ WKH GRPLQDQW U=HDODQG¶V HFRQRP\ DQG WKH JOR\K\H\Q\W\X\H\Q\R\Q\W\K\R\W\R\W\OLPLWHG IRUPV RI XQLODWHUDO UHOLHI KDG EHHQ LPSONZDV 1HZ =HDODQG¶V ILUVW FRPSUHKHQVLYH '7\$ GHDOL LQFRPH DQG UHTXLULQJ IXOO WD[ FUHGLWV IRU WD[ SDLO

7KH WUHDW\ LV QRWDEOH DOVR LQ WKDW LW LV WR GD  
WHUPLQDWHG E\ 1HZ =FHDFDSQGUWLDQV QHJRWLDWHG DQG  
VXEVHTXHQW '7\$V LQ DQ\ KLHQ WWKBWDWWKDWG  
WUHDW\ UHPDLQV LQ IRUFH DQG ODUJHO\ IROORZV WKH S

7KLV DUWLFOH H[DPLQHV WKH WUHDW\ DQG SODFHV L  
GRXEOH WD[ WUHDWLHV \$V ZHOO DV EHLQJ 1HZ =HDODQ  
8QLWHG .LQJGRP¶V HDUOLHVW '7\$V DQG IRUPHG SDUW RI  
WUHDW\ QHWZRUN DIWHU WKH QHJRWLDWLRQ RI WKH OD

, QODQG 5HYHQXH 'HS DUWPHQW 7DH Z3 R B DHDQG Hμ 7D [1 R U H P W H V ¶  
ZZZ WD[SROLF\ LUG JRYW Q] WDI[ WUHDWLHV!  
2(&''UDIW 'RXEOH 7D[DWLRLQ &RQYHQW (&R Q XEQOL Q KFRQH D Q G &D\$&WDO  
'UDIW &RQYHQWLRQ¶  
2(&'ORGHO 7D[ &RQYHQWLRQ RQ , QZ(F&P IS XEODQG VRQL Q D SLWDOp 2(& 'ORGHO  
7D[ &RQYHQWLRQ¶ 7KH RULJLQDO YHUVLRQ ZDV SXEOLVKHG LQ  
DQG PRVW UHFHQWO¶  
\$JUHHPHQW %HWZHHQ WKH \*RYHUQPHQW RI WKH 8QLWHG .LQJGRP DQ  
\$YRLGQDFH RI 'RXEOH 7D[DWLRLQ DQG WKH 3UHYHQWLRQ RI )LVFDO (Y  
VLJQHG 0D\ 8176 HQWHUHG LQWR IRUFH \$XJXWV μ  
7HUPLQDWHG E\ QRWLILFDWLRLQ RI -XO\ HIIHFWLYH -XO\  
\$JUHHPHQW %HWZHHQ WKH \*RYHUQPHQW RI WKH 8QLWHG .LQJGRP RI  
WKH \*RYHUQPHQW RI 1HZ =HDODQG IRU WKH \$YRLGQDFH RI 'RXEOH 7D[D  
ZLWK 5HVSHFW WR VLDJ[QHGRQ ,&Q RPH 8176 HQWHUHG LQWR IRU  
μ 8.±1HZ =HDODQG WUHDW\¶  
\$JUHHPHQW %HWZHHQ WKH \*RYHUQPHQW RI WKH 8QLWHG .LQJGRP RI  
WKH \*RYHUQPHQW RI 1HZ =HDODQG IRU WKH \$YRLGQDFH RI 'RXEOH 7D[D  
ZLWK 5HVSHFW WR 7D[HV RQ VQJQRH DQGJ&D S/LWDON\*Φ LHQMP à ±1€ Q p HJQ

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDOODQG WUHDV

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP $\pm$ 1HZ =HDODQG WUHDV

FRXQWULHV DUH JHQHUDOO\ FRQFHUQHG ZLWK SURWHFWL  
WR SUHVHUYH WKHLU ULJKW WR WD[ LQFRPH GHULYHG E\|  
DQG LQYHVWPHQW LQFRPH GLYLGHQGV LQWHUHVW DQG

(DUO\ '7\$V WHQGHG WR DOORFDWUHHWIDG~~THQX~~QWLUJK W Q GL Q ||  
UHVWULR~~X~~~~M~~R~~H~~K Q WU\|V ULJKWV WR WD[ 7KIDS LD\DOOR FDWL R  
H[SRU~~W~~LXQQWULHV VHHNLQJ WR UHWDLQ WD[LQJ ULJKWV R  
LQFRPH LQ RYHUVHDV MXULVGLFWLRQV

1HZ =HDODQG LQ UHODWLRQ WR WKH 8QLWHG .LQJGRP L  
VLQFH 8QLWHG .LQJGRP LQYHVWPHQW LQWR 1HZ  
LQYHVWPHQW IORZLQQJ WKH RWKHU ZD\ DQG ZDV HYHQ PR  
7KHUHIRUH 1HZ =HDODQG H[SHFWHG WR JLYH XS PRUH U  
LW JDLQHG GXH WR WKH SULRULW\ JLYHQ WR UHVLGHQF  
RQO\ FRQVLGHUDWLRQ IRU D FRXQWU\ FRQFOXGLQJ D  
LQYHVWPHQW DQG WUDGH E\ UHGXFLQJ RU HOLPLQDWLQ  
=HDODQG PD\ FRQFHGH WD[ UHYHQXH LW PLJKW JDLQ IUF  
DQG WUDGH

5 HOHYDQW IHDWXUHV RI WKH FRXQWULHV ¶ WD[ V\VWHPV  
8QLWHG .LQJGRP ¶ V WD[ V\VWHP

\$W WKH WLPH RI WUHDW\ QHJRWLDWL RQV WKH ILQDQF  
VXEVWDQWLDO UDWHV RI LQFRPH WD[ DQG DGGLWLRQDO  
LWV WRWDO SURILWV DW WKH VLVWDQFH E\XO\HU\SHRIL\SMUGFLH  
ZHUH DVVXPHG WR KDYH DOUHDG\ EHHQ VXEMHFW WR LQF  
DURVH RQO\ IRU QDWXUDO SHUVRQ VKDUHKROGHUV LQ KLF  
UDWH 7KHUH ZDV QR ZLWKKROGLQJ WD[ IRU GLYLGHQG  
GLIILFXOW WR FROOHFW WKLV VXUWD[ IURP WKHP

\$ QDWLRQDO GHIHQFH FRQWULEXWLRQ LQWURGXFHG VLQYROYHPHQW LQ :RUOG :DU ,, ZDV LPSRVHG XSRQ FRQDWLRQDO GHIHQFH FRQWULEXWLRQ ZDV UHQDPHGV SURIL

1 HZ = HDODQG ¶ V WD ¶ V\VWHP

,Q WKH V 1HZ =HDODQG KDG D VWHHS SURJUHVVLYH L  
=HDODQG \V FRVWO\ LQYROYHPHQW LQ :RUOG :DU , , DQG  
DJHQ\\$DSURJUHVVLYH WD[ UHJLPH RSHUDWHV ZKHQ KLJKH  
WD[SD\HU DV WKHLU WD[DEOH LQFRPH LQFUHDVHV 2Q W  
FHQW VRFLDO VHFXULW\ FKDUJH ZDV OHYLG IXQGLQJ D

& -RKQ 7D\ORU μ7KH 1HJRWLWLRQ DQG 'UDIWLQJ RI WKH 8. \$XVWU  
> @ %ULWLVK 7D[ 5HYLHZKH 1HJRWLWLRQ DQG 'UDIWLQJ RI WKH 8  
7D[DWLWLRQ 7UHDW\ RI ¶  
,ELG  
3DXO \*ROBVRQWKRX /RVW (DW 7KDW \$ 3ROLWLFDO +LVWRU\ RI 7D[  
'DYLG /LQJ 3XEOLVKLQJ

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDOODQG WUHDV







H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

OLDEOH IRU DQG WKHUHIRUH ZDV PRUH JHQHURXV WKDQ  
JLYHQ RQDOXS WR

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8





H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

DXWKRULVHG UHSUHVHQWDWLHYHV DQG WKH FRPSHWHQW  
DJUHHPHQW ZDV H[WHQGHG

5HVLGHQFH

7KH FRQFHSHW RI UHVLGHQFH LV FHQWUDO WR WKH RSHUD  
UHVLGHQWV RI WKH WZR FRQWUDFWLQJ FRXQWULHV REWD  
UHVLGHQFH LV RQH RI WKH IDFWRUV XVHG WR DOORFDWH  
VRXUFH RI WKH LQFRPH IRU FHUWDLQ W\SHV RI LQFRP  
UHVLGHQFH LV SHUPLWWHG WR WD[ WKDW LQFRPH '7\$V  
GHWHUPLQLQJ ZKR LV D WD[ UHVLGHQW EXW LQVWHDG  
FRQWUDFWLQJ FRXQWU\

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

.LQJGRPXD O UHVLGHQFH FRXOG DULVH ZKHQ D FRPSDQ\ =HDODQG EXW PDQDJHG DQG FRQWUROOHG LQ WKH 8QL

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

7KH DUFKDLF WHUP µLQGXVWULDO RU FRPPHUFLDO SURIL  
DJUHHPHQW 8QVXUSULVLQJO\ LQGXVWULDO RU FRPPHU  
IURP WKH DFWLYLWLHV RI LQGXVWULDO RU FRPPHUFLDO  
VHYHUDO W\SHV RI LQFRPH ZHUh H[SUHVVO\ H[FOXGHG IU  
UHQWV UR\DOWLHV PDQDJHPHQW FKDUJH\&RPRHU RIHPXQHU  
WKHVH W\SHV RI LQFRPH ZHUh GHDOw ZLWK HOVHZKHUH  
GLYLGHQGV UR\DOWLHV DQG H[FOXGLQJ WKHP IURP  
FRPPHUFLDO SURILWV ZDV LQWHQGHG WR HQVXUH WKDW  
D IRUP RI LQFRPH ZDV QRW DGGUHVVHG HOVHZKHUH LO  
PDQDJHPHQW FKDUJHV WKH LQWHQWLRQ ZDV WKDW WK  
VXEMHFW WR WKH GRPHVWLFDKZHWURRI GHDXFKOUHHW\$HDFWILRG  
IURP GRPHVWLFDWLDWLRQ \$UWLFOH ;,9 RI WKH WUHD  
WR JLYH UHOLHI LQ WKH IRUP RI VDR\&UFRQKLOWWUWUHHUWDE\QHHQ  
IXOO WD[DWLRQ ULJKWV WR LQWHUHVW UHQWV DQG PDQ  
% \ FRQWUDVW WKH 2(& 0RGHO GHILQHV µHQWHUSULVH¶  
RQ RI DQ\ EXVLQHVVT DQG RPLWV D GHILQLWLRQ RI WKH  
'HILQLQJ LQGXVWULDO RU FRPPHUFLDO SURILWV LQ D ZDV

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDW

WKH SURILWV DUH VRXUFHG :KHWKHU D IRUHLJQ FRPSDQ  
FRXQWU\ LV HVWDEOLVKHG WKURXJK WKH FRQFHSHW RI 3(

7KH GHILQLWLRQ RI 3( LQ WKH WUHDW\ ZDV UXGLPHQW  
DOO RI LWV HOOPHQWV DUH VWLOO IRXQG L7K\N RPH IRUP  
HVVHQWLDO WHVW RI D 3( ZDV WKH SK\VLFDQ µVLWXV\ W  
FRQWUDFWLQJ FRXQWU\ LI LW KDG D µEUDQFK PDQDJHPH  
SODFH RI EXVLQHUV\ WHK\W\H\HYHUDO H[FHSWLRQV WR WKH  
JRRGV EXVLQHV V GHDOLQJV DQG VXEVLGLDULHV 8QGHU  
IL[HG SODFH RI EXVLQHV V WR SXUFKD VH JRRGV GRLQJ E  
RU JHQHUDO FRPPLVVLRQ DJHQW RU KDYLQJ D VXEVLGL  
ZRXOG QRW RI LWVHOI PHDQ WKDW WKH HQWHUSULVH ZD  
VWDWH 2Q WKH RWKHU KDQG DQ HQWHUSULVH ZRXOG E  
DJHQW LQ WKH RWKHU FRQWUDFWLQJ FRXQWU\ ZKR µKD  
DXWKRLW\ WR QHJRWLDWH DQG FRQFOXGH FRQWUDFWV  
ILOOV RUGHUV\ RQ EHKOI RI WKH HQWHUSULVH IURP V  
SURYLVLRQ ZDV D IDLUO\ EDVLF SUHFXUVRU RI WKH QRZ  
LQ \$UWLFOH RI WKH 2(&' ORGHO

:LWK WKH SUROLIHUDWLRQ RI FRPSDQLHV RSHUDWLQJ LQ  
WKH PRVW LPSRUWDQW SURYLVLRQV LQ DOO '7\$V EDVHG  
RI 3( LV DQ DWWHPSW WR GLYLGH WKH WD[LQJ ULJKWV RI  
RSHUDWHV DFURVV ERUGHUV 1DWXUDO\ ZKHUH WKH O  
WKH 3( GHILQLWLRQ KDV HYROYHG VLJQLILFDQWO\ VLQFH  
EULFNV DQG PRU\W\UG\QH\Q\WLRQ KDV DOVR XQGHUJRQH  
UHYLVLRQV WR GHDO ZLWK LVVXHV UDLVHG E\ LWV SUI  
DYRLGDQFH RI 3( VWDWXV E\ PXOWLQDWLRQDO HQWHUS  
DPHQGHG \$UWLFOH WR FDSWXUH VFKHPHV ZKHUH D G  
FRXQWU\ KDELWXDOO\ QHJRWLDWHV FRQWUDFWV IRU LW  
IRUPDOLWLHV RI RIIHU DQG DFFHSWDQFH WR WKH SDUHQW

1RZ WKH H[WHQVLYH GHILQLWLRQ RI 3( LV RXWOLQHG LC  
ORGHO DQG LQFOXGHV D OLVW RI SDVVLYH DQG SUHSDUD  
3( %\ FRQWUDVW WKH GHILQLWLRQ ZDV QRW UHJDUGHG  
WKH 8QLWHG .LQJGRP LQ WKHLU QHJRWLDWLRQV ZLW  
'HSXW\ &KDLUPDQ RI WKH 8QLWHG .LQJGRP ,QODQG 5HYH  
WKH WUHDW\ µPLJKW EH VXUSULVHG WR VHH WKH KLJKC  
DSSHDUV LQ WKH PRGHO FRQYHQWLRQ RI WKH 2(&'\

6XEVWDQWLYH DUWLFOHV

7KH VXEVDQWLYH DUWLFOHV LQ D '7\$ DOORFDWH WKH UL  
WR HLWKHU WKH FRXQWU\ ZKHUH WKH LQFRPH LV GHULY

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8.±1HZ =HDODQG WUHDW\ DERYH Q \$UW,, N 2(& ORGHO 7D  
& -RKQ 7D\ORU µ7ZLOLJKW RI WKH 1HDQGHUWKDOV RU \$UH %LOD  
6XVWDLQDEOH\H\OERXUQH 8QLYHUVLW\ /DZ ZSLHOMLJHKZV RI WKH 1HDQGHUW

8.±1HZ =HDODQG WUHDW\ DERYH Q \$UW,, N 2(& ORGHO 7D

-XOLD %HOOHPDUH µ(YROXWLRQ RI WKH 3HU\RDQ\QWDQV\W\DEOLVKPI  
-RXUQDO

,ELG

5REHUW :LOOLV µ\*UHDW %ULWDLQ\ V 3DUW LQ WK\%U\W\ORSPHQW R  
7D[ 5HYLHZ

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

ZKHUH WKH SHUVRQ RU FRPSDQ\ UHFHLYLQJ WKH LQFRPH  
6XEVDQWLQH DUWLFOHV VXVDOO\ DOORFDWH WD[LQJ UL  
VRXUFH FRXQWU\ PD\ WD[ ZLWKRXW OLPLW WKH VRXUFH  
RU WKH VRXUFH FRXQWU\ PD\ QRW WD[ WKH LQFRPH D  
H[FOXVLYH ULJKW WR WD[

,Q WKH WUHDW\ DOO DSDUW IURP RQH RI WKH VXEVW  
ZKHUH WKH MXULVGLFWLRQ WR WD[ WKH LQFRPH ZDV DOO  
2WKHUZLVH WKHVH DUWLFOHV FRQFHUQLQJ LQFRPH IU  
JRYHUQPHQW UHPXQHUDWLRQ HPSOR\PHQW LQFRPH SHQ  
YLVLWLQJ SURIHVVUV DQG WHDFKHMULSDQ\ WHNGK QWKOOWW  
LQFRPH µW\KDP\SD\W\PLQ WKH RWKHU WHUULWRU\ LH WK

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

7KH 3( FRQFHSHW ZDV IXQGDPHQWDO WR WKH RSHUDWLRQ  
.LQJGRP RU 1HZ =HDODQG HQWHUSULVRIQROSBDIUDDEVOLHQIQLQ W

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDOODQG WUHDV

WUHDW\ ZLWK WKH 8QLWHG .LQJGRP

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

GUDIWW ZDV KRWO\ FRQWHVWHG DW WKH WLPH KRZHYHU  
GUDIWLQJ WKH PRGHO WD[ WUHDWLHV HYHQWXDOO\ D  
EH WD[DEOH RQO\ LQ WKH FRXQWU\ ZKHUH WKH µUHDO F  
7KLV SROLF\ VXLWHG WKH LQWHUHVWV RI WKH 8QLWHG .L  
PDULWLPH SRZHU DW WKH FHQWU\ QQLQJ QRLQW KH SHU FHQW  
LQWHUQDWLRQDO IOHHW DQG VWLOO KD:G WKURK WKLUG  
H[FHSWLRQ WKH 8QLWHG .LQJGRP¶V HDUO\ GRXEOR WDI  
GHULYHG E\ 8QLWHG .LQJGRP UHVLGHQWV IURP WKH LQW  
EH H[HPSW IURP WD[ LQ WKH RWKHU FRXQWU\

1HYHUVKHOHVV WKH ULJKW WR WD[ VKLSSLQJ SURILWV  
=HDODQG D UHPRWH LVODQG FRXQWU\ GHSHQGHQW RQ I  
SDVVHQJHU WUDQVSRUW 1HZ =HDODQG KDG SUHYLRXVO\  
GHULYHG E\ QRQ UHVLGHQW VKLSSLQJ FRPSDQLHV IURP  
=HDODQG DV 1HZ =HDODQG VRXUFHG LQFRPH LQKWKXV  
8QLWHG .LQJGRP¶V SRVLWLRQ RQ VKLSSLQJ ZDV XQ\LHC  
ZLWKRXW D SURYLVLRQ WR H[HPSW VKLSSLQJ LQFRPH LG  
UHDVRQ ZK\ WKH 8QLWHG .LQJGRP GLG QRW KDYH DQ DJU  
1HZ =HDODQG FRQFHGHG :WHRQ WKURK HΨHPSWQ WROQ VLJQHG W

H-RXUQDO RI 7D[ 5HVHDUFK

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDOODQG WUHDV

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDOODQG WUHDV

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

WKH XOWL PDWH RZQHU RI WKH LQFRPH UDWKHU WKDQ D  
IDYRXUDEOH WD[ WUHDW\ SURYLVLRQV

\*RYHUQPHQW UHPXQHUDWLRQ

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

WKH UHFSLSLHQWV¶ RYHUDOO DELOLW\ WR SD\ WD[ DQG  
DGPLQLVWUDWLYH SHUVSHFWLYH

,QWHUQDWLRQDO WD[DWLRQ RI SHQVLRQ SD\PHQWV KDV  
LQFUHDVHG PRELOLW\ RI LQGLYLGXDOV IURP WKH V J  
SHRSOH ZRUNLQJ DQG UHWLUDQQ\L\ DG LMWHUDQWH FRQXQW  
EHWZHHQ SHQVLRQV IURP VWDWH VRFLDO VHFXULW\ VF  
HPSOR\PHQW DQG SHQVLRQV IURP QRQ JRYHUQPHQW HF  
FRXQWU\ WR WD[ WKH IRUPHU WZR DQG\$WIDHSIRISXOOGHJQFH  
UHWLUUHPHQW GHVWLQDWLRQ UHVLGHQFHD WIDHJQWLRQRQRI S  
H[FOXGH VRPH SHQVLRQV IURP UHVLGHQFH WD[DWLRQ 1  
UHVLGHQFH WD[DWLRQ ULJKWV E\ LQFOXGLQJ DOO SHQ  
SHQVLRQV DQG SHQVLRQV SDLG XQGHU VRFLDO VHFXULW

3HUVVRQDO DQG SURIHVVLRQDO UHPXQHUDWLRQ RI LQGLYLGXD

\$UWLFOH ,; JRYHUQHG LQFRPH IURP HPSOR\PHQW 7KH M  
LQFRPH LQFOXGLQJ SD\PHQW IRU SURIHVVLRQDO VHUYL  
WKH ZRUN ZDV SHUIRUPHG WKH VRXUFH FRXQWU\ XQOH  
WKHUH IRU D VKRUW WLPH WKH GD\ H[FHSWLRQ 8QGH  
HPSOR\PHQW LQFRPH ZDV H[HPSW LQ WKH VRXUFH FRXQW  
WKDQ GD\V DERXW VL[ PRQWKV WKH VHUYLFHV ZHUI  
HPSOR\HU UHVLGLQJ LQ WKH RWKHU FRXQWU\ DQG WKH  
FRXQWU\

7KH SURYLVLRQV RQ HPSOR\PHQW WD[DWLRQ DUH VLPLQ  
WUU • p @ DP L„vVPS` L„vVPGe` 0

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

LQ WKH FRXQWU\ \$ VRXUFH WD[DWLHQ UXOH UHIOHFWHG  
UHFHLYH FRQVLGHUDEOH FRPSHQVDWLRQ IRU EULHI YLVL  
+RZHYHU HQWHUWDLQHUV DUH RIWHQ VHOI HPSOR\HG RU  
FRUSRUDWLRQV DQG LQFRPH DVFULFHG WR VXFK D FRUS  
\$UWLFOH,,, DV SURILWV DULVLQJRI WRHFDOOR WRKHHURSBODH  
WKLV DUWLFOH QRQ UHVVLGHQW HQWHUSULVHV ZH X €



H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

RQ WKH WD[ WUHDWPHQW RI LQWHUHVW DQG SD\PHQWV I UR\DOOLHV ZHUH RXWVLGH WKH VFRSH RI WKH UR\DOOL\ RSHUDWHG WR HOLPLQDWH GRXEON WD[

7KH FUHGLW SURYLVLRQ REOLJHG WKH UHVLGHQFH FRXQ LQ WKH IRUP RI D FUHGLW 7KH 8QLWHG .LQJGRP ZRXO .LQJGRP WD[ OLDELOLW\ IRU 1HZ =HDODQG WD[ 7KH 8QLWHG .LQJGRP WKDW KDG LWV VRXUFH LQ WKH 8QLWHG .LQJGRP 1HZ =HDODQG WD[ OLDEOH

&RPSDUHG WR 'RPLQLRQ 5HOLHI WKH FUHGLW SURYLVLR UHOLHYLQJ WKH EXUGHQ RI GRXEON WD[ 7KH 8QLWHG .LQ 1HZ =HDODQG LQVWHDG RI WKH KDOI FUHGLW JLYHQ )

'RPHVWLW ODZV SURYLGLQJ IRU IRUHLJQ WD[ FUHGLWV

7KH SURYLVLRQ RI FUHGLW ZDV VXEMHFW WR HDFK FRX DOORZDQFH RI IRUHLJQ WD[ FUHGLWV ZKLFK JHQHUDO\ FUHGLW JUDQWHG

7KH JUDQWLQJ RI 8QLWHG .LQJGRP FUHGLWV ZDV VXEMH )LQDQFH 1R 7\$FHQDQFH 1ZDV \$FHQFWHG DV D GLUHFW U

86±8. WUHDW\ 3ULRU WR WKLV WUHDW\ WKH 8QLWHG FUHGLW UHJLPH RQO\ SURYLGLQJ D GHGXFWLRQ IRU 8QL 'RPLQLRQ %MDFRQWUDVW WKH 8QLWHG 6WDWHV KDG SURY 3URYLGLQJ IRUHLJQ WD[ FUHGLWV FRQIOLFHWG ZLW PWDQFH DJDLQVW WD[ DW VRXUFH DQG ZDV RQO\ UHOXF GXULQJ WKH QHJRWLDWQRORRH WKRHPFH ZW\H\ WODQF P`W ¶

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

RSHUDWHG VLQFH FRQWLQXHG WR RSHUDWH VR WKD  
FUHGLWV ZRXOG DULVH )URP WKH 8QLWHG .LQJGRP¶V SH  
GLIIHUHQFH IRU 1HZ =HDODQG WR XVH WKH 'RPLQLRQ H[H  
WD[ XQOHVV WKH 1HZ =HDODQG WD[ UDWH ZDV KLJKHU W

6RXUFH UXOHV

7KH FUHGLW DUWLFOH LQ WKH WUHDW\ FRQWDLQHG V  
EH µVRXUFHG¶ LQ RQH FRXQWU\ RU WKH RWKHU 6RXUFH  
SRWHQWLDO FRQIOLFW EH WZHHQ GRPHVWLF ODZ FUHGLW  
\*HQHUDOO\ GRPHVWLF ODZ FUHGLW SURYLVLRQV UHTXLU  
VWDWH DV D FRQGLWLRQ IRU JUDQWLQJ UHOLHI VXFK DV  
GHILQLWLRQ RI VRXUFH WKH UHVLGHQFH VWDWH PD\ XVH  
PD\ QRW DOLJQ ZLWK WKH WUHDW\ SURYLVLRQV ,Q DGG  
VRSKLVWLFDWHG VRXUFH UXOHV DQG WKHUHIRUH WKH  
GRXEWIXO

&RXQWULHV DGGUHVV WKLV LQ WKHLU WD[ WUHDWLHV E  
LQFRPH WR DYRLQW WRQIOLFWUHGLW SURYLVLRQ LQFRPH  
SURIHVVLRQDO VHUYLFHV HPSOR\PHQW ZDV GHHPHG WR  
SHUIRUPHG ,QFRPH IURP HPSOR\PHQW RQERDUG VKLSV D  
ZKHUH WKH RSHUDWRU ZDV UHVLGHQW ,QFRPH IURP LQV  
ODZ ZDV GHHPHG WR EH VRXUFHG LQ 1HZ =HDODQG 7KH  
SUHVHUYHG 1HZ =HDODQG¶V ULJKW WR WD[ LQVXUDQFH S  
WKH 8QLWHG .LQJGRP ZRXOG JUDQW FUHGLWV IRU DQ\ GF

H-RXUQDO RI 7D[ 5HVHDUFK

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP $\pm$ 1HZ =HDODQG WUHDV

PRYHPHQW RI VWUHQJWKHQLQJ DQWL DYRLGQFH SURYL  
SHUPLVVLYH LW SURYLGHV WKDW WKH FRPSHWHQW DXWK  
IRUHVHDEO\ UHOHYDQW\ DQG WKH SURYLVLRQ LV QRW U  
UHVVLGHQFH DQG WD[HV FRYHUHG \\$V D UHVXOW WKH H[  
OLPLWHG WR WKDW QHFHVVDU\ IRU WKH LPSOHPHQWDWL  
WZR FRXQWULHV RU WKH WD[H]\K\W\KH\UH\G\ DERKWFKRX Q\WUH\H  
GHQ\ LQIRUPDWLRQ VROHO\ EHFDXVH LW KDV QR GRPHVW  
DV EDQN VHFULH\ PXVW QRW SUHYHQW LQIRUPDWLRQ H[F

\$PHQGPHQWV WR WKH LQIRUPDWLRQ H[FKDQJH SURYLVLR  
IDFLOLWDWLQJ WKH H[FKDQJH RI WD[ LQIRUPDWLRQ EHWZ  
WR FRXQWHU DYRLGDQFH DQG HYDVLVRQ 7KH GHYHORSPH  
LQLWLDWLYHV DQG HYHQWV LQFOXGLQJ WKH \*OREDO )RI  
,QIRUPDWLRQ FUHDWHG LQ WKH 2(&' PRGHO WD[ LQI  
DQG WKH JOREDO ILQDQFLDO FULVLF

\$ VVRFLDWHG HQWHUSULVHV

\$Q DVVRFLDWHG HQWHUSULVHV DUWLFOH ZDV DQ H[SHFW  
7KH UXOHV KDG EHHQ SDUW RI 8. WD[ SROLF\ VLQFH  
ZHUH LQFOXGHG LQ WKH /HDJXH RI 1DWLRQV 'UDIW OR  
8. WUHD\$WVWUDOLD ZDV UHSULPDQGHG E\ WKH 8QLWHG .LQ  
LW LQ LWV '7\$ DV WKH\ UHJDUGHG LW DV µIXQGDPHQWD  
GHDOLQJ ZLWK WUDGLQJ SURILWV¶

7KH D V V R F L D W H G H Q W H U S U L V H D U W L F O H Z D V F R Q F H U Q H  
D U L V L Q J I U R P W U D Q V D F W L R Q V E H W Z H H Q ,W H Q B W H H G H Q W H  
L Q D V L P L O D U Z D \ W R W K H L Q G X V W U L D O R U F R P P H U F L D C  
E H W Z H H Q W Z R D V V R F L D W H G H Q W H U S U L V H V L Q V W H D G R I  
F D O F X O D W H W D [ S O U L D I E M O / L W D B H E \ R Q H H Q W H U S U L V H I U R  
D V V R F L D W H G H Q W H U S U L V H L Q W K H R W K H U F R X Q W U \ Z H U H  
L I W K H H Q W H U S U L V H V Z H U H V H S D U D W H D Q G L Q G H S H Q G H C  
W K H \ Z H U H G H D O L Q J D W D U P \ V O H Q J W K W R F D O F X O D W H V  
D G M X V W H G S U R I L W V Z H U H L Q F O X G H G L Q W K H H Q W H U S U L V  
F R X Q W U \ Z K H U H W K H H Q W H U S U L V H Z D V V L W X D W H G D Q G  
D V V R F L D W H G L I R Q H H Q W H U S U L V H S D U W L F L S D W H G L Q W  
R W K H U H Q W H U S U L V H

\$GMXXWLQJ SURILWV EHWZHHQ DVVRFLDWHG HQWHUSULWD [DWLRQ ZKHUH WKH VDPH SURILWV DUH WDRQG WZLFH LFRXQWU\ PDNHV D SURILW DGMXXWPHQW DQG LQFUHDVHV

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% DNRXEOH 7D[DWL RQD&RQMHQ WLRQ% @
 8.±1HZ =HDODQG WUHDW\ DERYH Q $UWV DQG
% DNRXEOH 7D[DWL RQD&RQMHQ WLRQ% @
9HURQLND 6ROLORYi DQG 0DUOLHV 6WHLQGO μ2(&' $XVWULD &)HFK
RI WKH 2(&' 0RGHO 6FUXW%KQDQHWTQ IRU ,QWHUQDWLRQDO 7D[DWL RQ
7D\ORU μ7ZLOLJKW RI WKH 1HDQGHUWKDOV DERYH Q
8QLWHG .LQJGRP %RDUG RI ,QODQG 5HYHQXH
 8.±1HZ =HDODQG WUHDW\ DERYH Q $UW ,9
% DNRXEOH 7D[DWL RQD&RQMHQ WLRQ% @
 8.±1HZ =HDODQG WUHDW\ DERYH Q $UW ,9
2(&' 0RGHO 7D[ &RQYHQWLRQ DERYH Q &RPPHQWDU\ RQ $UWLFOH
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H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

&KULVWRSKHU DQG 1HYLV 6W 9LQFHQW 6H\FKHOOHV 6L

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDV

FUHGLW SURYLVLRQ ZRXOG GLUHFW WKH WD[SD\HU¶V FRX  
WD[ WKDW UHVXOWHG IURP ERWK FRXQWULHV WD[LQJ WK

H-RXUQDO RI 7D[ 5HVHDUFK

7KH 8QLWHG .LQJGRP±1HZ =HDODQG WUHDW\

%RWK ZLWK JUDWLWXGH IRU WKH SDVW DQG FRQILGH  
ZLWKRXW IHDU EHVLGH %ULWDLQ :KHUH VKH JRHV Z  
:H DUH RQO\ D VPOO DQG \RXQJ QDWLRQ EXW ZH DU  
DQG ZH PDUFK IRUZDUG ZLWK XQLRQ RI KHDUWV DQG

:KLOH WKHVH ZRUGV ZHUH XWWHUHG LQ WKH FRQWH[W RI  
WKHLU VHQLPHQW FDSWXUHG 1HZ =HDODQG\|V FRPSOHW  
WLPH ,I WKH %ULWLVK WKRXJKW LW ZDV D JRRG LGHD W  
=HDODQG 7RGD\ WKH 2(&' GLUHFWV WKH FRQWHQW DQG  
WUHDWLHV ,Q LW ZDV WKH 8QLWHG .LQJGRP WKDW I  
ILUVW FRPSUHKHQVLYH GRXEOH WD[ WUHDW\

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0DQDW\ 7DRQJD ² 0LQLVWU\ IRU &XOWXUH DQG +HULWDJH 1HZ =HDODQG\|V 16XSSRUW IRU %ULWDLQ(: