!"#$%

&'( ) (*+,%-.%+/(%0,,(,,) (*+%12-3(,,%

4-2)%&5#50%.-2%6-,+-*%7-''(8(%69-'-8:%;(<=2+) (*+%

%

69-'-8:%7>?&%

%

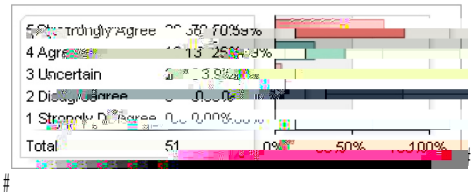
!"#####@=A(%.-2)='%'(=2*9*8%-B+3-) (,%C((*%D(A('-<(DE#F/=+%=2(%+/(:E#$%&'(#)*+,-.-,#)+()#/.#)0-11)#'23#
02/41+35+#3/+)#(&+#3+*'6(7+2(#+8*+,(#-()#7'9/6)#(/#&':+#',;<-6+3#=+./6+#(&+>#56'3<'(+?"#

!"#$%&"''()*+,-%".&/("0%(12"#32-(!).%&)%(4*3%(5.--6(
7%((%9,2&$("0%.3(#&$%3'"2&$.&/(*:("0%(,3.&).,-%';(<*$=(*:(>&*5-%$/%(2&$(.&?%'".2".?%('"32"%/.%'("02"(
)*+,3.'%(').%&)%(2&$(."'("%)0&*-*/.)2-(2,,-.)2".*&'@(
A%(($%?%-*,(2(').%&".:.)(-."%32)=("02"(5.--(,3*+*"%()#3.*'."=;(3%',%)"(:*3("0%(').%&".:.)(+%"0*$;(2&$(
/%&%32-(25 23%&%''(*:("0%(-.+."2".*&'(*:(').%&".:.)()*&)-#'.*&'@(
B%((3%)*/&.C%("0%(3*-%(*:(').%&".:.)($.')*?%3=;(,2'";(,3%'%&"(2&$(:#"#3%;(.&(.&"%33%-2"%$("*,.)'('#)0(2'(
0#+2&(

%

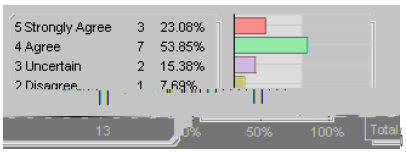
!G%0%/=A(%8=9*(D%3-*.9D(*3(%+/=+%0%3=*%+=P(%3-)<'(Q%NB(,+9-*,%-2%+-<93,%=*D%=<<':%=*=':,9,%+/2-B8/%=%,(29(,%-.%,BC5NB(,+9-*,G%

N0FP!QQR#



#

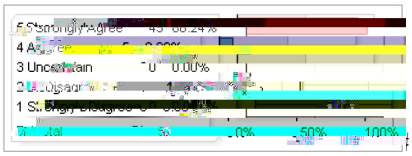
N0FP!SR@#



%

RG%%M/9,%3-B2,(%/=,%3/='(*8(D%):%3B29-,9+:%=*D%/('<(D%+-%D(A('-<%):%329+93='%+/9*P9*8%,P9'',G%

N0FP#!QQR#



#

N0FP!SR@#

#

SG%T60>U%#V'!%-*':\%M/(%.9*='%<2-X(3+%/('<(D%+-%()</=,9Y(%=*D%,-'9D9.:%+/(%C9-'-893='%3-*3(<+,%9*+2-DB3(D%+/2-B8/%'(3+B2(G%

#

LB))=2:%-.%,+BD(*+%<(23(<+9-*,%-.%+/(92%'(=2*9*8Z%%

#

02#D<)('-2-25#(&+#N-/)*&+6+B##%

02#D<)('-2-25#(&+#N-/)*&+6+T#)(<3+2()#6+*/6(+3#'2#-2,6+')+#-2#6+.1+,(-:+T#,6-(-,'1#(&-20-25#'=/<(#(&+-6#,&/-,+)#'23#(&+-6#-2(+6',(-/2)#4-(&#H'6(&#'23#4-(&#/(&+6#=+-25)T#6+1'(-:+#(/#1')(#>+'6A)#,1'))K#%

%

%

02#(&+#U<7'2#V-)+')+#,/<6)+T#-(#-)#,1+'6#(&'(#(#(&+#)(<3+2()#.+1(#(&+#,/<6)+#+8*+6-+2,+#4')#*/)-(-:+#-2#'11#(&+#'6+')#'6/<23#'2'1>)-)#'23#,6-(-,'1#(&-20-25B##3+:+1/*-25#'#&+'1(&>#)0+*(-,-)7T#'=-1-(>#(/#=6+'0#=-5#;<+)(-/2)#-2(/#)7'11+6#<2-()#'23#(&+#-7*/6('2,+#/.#,<6-/)-(>K#J&+#'33+3#;<+)(-/2#./6#(&-)#,1'))#'=/<(#(&+#<(-1-(>#/.#(&+#.-2'1#*6/9+,(#,/2.-67)#(&+#-2)(6<,(/6)#:-+4#(&'(#(&-)#-)#'#4/6(&4&-1+#',(-:-(>K##M/(+W#/21>#@XI#/.#(&+#)(<3+2()#6+)*/23+3#Y#*6/='=1>#=+,'<)+#(&+#.-2'1#,/<6)+#56'3+)#4+6+#*/)(+3#/2#E'2:')#

%

%

%

6%%&A='B=+9-*%-.%,+BD(*+%J-2P#Z',<1(>#(+',&-25#-2#(4/#2/2%7'9/6#,/6+#,/<6)+)#$N0F!SR@#'23#!QQR"#4-11#'56++#<*/2#'#
*'6(-,<1'6#,/6+#/<(,/7+#4-(&#4&-,&#(/#'))+))#)(<3+2(#4/60K##J&+#'))+)) 7+2(#)(6'(+5>#4-11#=+#,<)(/7-[+3#./6#+',&#/.#(&+#
,/<6)+)K#
#
J&+)+#(4/#,/6+#,/<6)+)#4+6+#+:'1<'(+3#./6#)(<3+2(#',&-+:+7+2(#-2#'6+')#'336+))-25#+',&#/.#(&+#(&6++#)<6:+>#;<+)(-/2)K#
#
60>U%#SS"%LB,+=9*9*8%+/(%69-,</(2(%
["%,+BD(*+,%
%
\+(&/3#/.#'))+)) 7+2(B##Z/6#(&+#.-2'1#,/<6)+#*6/9+,(T#)(<3+2()#,6+'(+3#'2#'6(#/=9+,(#(&'(#6+*6+)+2(+3#(&+-6#-3+2(-(>#')#'2#
+,/1/5-,'1#=+-25T#-2(-7'(+1>#,/22+,(+3#4-(&#)+1.T#/(&+6#'23#H'6(&K##C1/25#4-(&#(&-)T#(&+>#)<=7-((+3#'#)('(+7+2(#/2#(&+-6#
,6+'(-/2#*6/,+))T#4&'(#-(#7+'2(#(/#(&+7T#4&'(#(&+>#1+'62+3T#4&'(#4')#)<6*6-)-25#'=/<(#-(T#'23#4&'(#4')#3-..-,<1(K##
#
H',&#*6/9+,(#4')#+:'1<'(+3#./6#-()#1+:+1#/.#',&-+:+7+2(#-2#'6+')#'336+))+3#-2#(&+#)<6:+>#'23#-2#P+'62-25#]/'1#Q#$'**6+,-'(-25#
(&+#6/1+#/.#),-+2,+#-2#3+.-2-25#(&+-6#6+1'(-/2)&-*#4-(&#(&+#2'(<6'1#4/613#'23#(&+-6#*/)-(-/2#4-(&-2#(&+#,/)7/)K"B#L^#&-5&#
',&-+:+7+2(_#!^#1/4#',&-+:+7+2(#
#
V-3#(&+#*6/9+,(#3+7/2)(6'(+#'2#<23+6)('23-25#/.#(&+#)(<3+2(A)#-2(+6,/22+,(-/2#4-(&#H'6(&?#
C:+6'5+#),/6+#^#QK`#
#
V-3#(&+#*6/9+,(#)&/4#+:-3+2,+#/.#3+('-1+3#/=)+6:'(-/2#/.#(&+#2'(<6'1#4/613?#
C:+6'5+#),/6+#^#QKL#
#
V-3#(&+#*6/9+,(#3+7/2)(6'(+#(&+#'=-1-(>#(/#=+#6+.1+,(-:+#$+:-3+2,+#/.#7<1(-*1+#1+:+1)#/.#;<+)(-/2-25#/=)+6:'(-/2)#'23#6+',(-/2)"?#
C:+6'5+#),/6+#^#QKS#
#
%
N-/1!QQRB#D<7 7'6>#D(<3+2(#)<6:+>#-23-,'(+)#(&'(#)(<3+2()#(&-20#(&+>#&':+#'#5//3#<23+6)('23-25#/.#(&+#-7*/6('2,+#/.#
6+)+'6,&#(/#-2,6+')-25#/<6#02/41+35+T#(&'(#02/41+35+#,/2(-2<+)#(/#+8*'23#'23#(&'(#,<6-/)-(>#-)#'2#-7*/6('2(#*'6(#/.#,6-(-,'1#
(&-20-25K#D(<3+2(#4/60#-23-,'(+)#(&'(#)(<

N0FP#!SR@#D<7 7 '6>B#D(<3+2()#&' :+#, /2(-2<+3#)&/ 4# 7 '65-2'1#- 7 *6/ :+ 7 +2()#-2#(&+-6#'=-1-(>#(/#6+)+'6,&#'#(/*-,#/.#-2(+6+)(T#
/<(1-2+#(&+#6'(-/2'1#./6#'#5-:+2#'**6/' ,&#'23#*6/ :-3+#'#2'66'(-:+#4-(&#3-6+,(+3#'2'1>)-)K##%&-1+#(&+#*+6./6 7 '2,+#+:'1<'(-/2#
-23-,'(+)#'2#/ :+6'11#' :+6'5+#' ,&-+:+ 7 +2(T#(&+6+#4+6+#4-3+#3-..+6+2,+)#-2#(&+#*6+)+2('(-/2)K##F2+#*6+)+2('(-/2#4 ')#,1+'61>#
+8,+11+2(K##J4 /#4+6+#:+6>#5//3K#F2+#4 ')#)<=*'6K##J&+#6+7 '-2-25#(4 /#4+6+#-2#(&+#7-331+T#+' ,&#4-(&#)(6+25(&)#'23#4+'02+))+)K##
C)#2/(+3#-2#@R!`T#-(#-)#'#,&'11+25+#(/#5+(#)(<3+2(#(/#+25'5+#-2#(&+-6#*6/9+,(#/ :+6#(&+#,/<6)+#/.#(&+#)+ 7 +)(+6T#'23#(&<)#
3+:+1/*-25#,6-(-,'1#(&-20-25#)0-11)#(&6/<5&#;<+)(-/2)#'23#,<6-/)-(>#-)#,/ 7 *6/ 7 -)+3K##J&-)#,/2(-2<+)#(/#=+#'#,&'11+25+#-2#@R!bK%
%
%
#

%
#

#

Q"##### F /-%9*+(2<2(+,%+/(%(A9D(*3(E%F /=+%9,%+/(%<2-3(,,E##$%&/#-2#(&+#3+*'6(7+2(#-)#6+)*/2)-=1+#./6#
-2(+6*6+(-25#(&+#3'('#'23#7'0-25#6+,/7 7 +23'(-/2)#./6#,<66-,<1<7#/6#'))-52 7 +2(#,&'25+)#-.#
'**6/*6-'(+?"#

V+*'6(7+2(#E/6+#G+*6+)+2('(-:+#'23#.',<1(>#(+',&-25#-2#(&+#,/6+K#

#

L"##### F /=+%3/=*8(,%/=A(%C((*%)=D(%=,%=%2(,B'+%-.%B,9*8%+/(%D=+=K(A9D(*3(E#$U':+#(&+6+#=++2#'2>#6+,+2(#
,&'25+)#(/#>/<6#,<66-,<1<7#/6#*6/56' 7 ?#%&>#4+6+#(&+>#7 '3+?"#

60>U%#V"!B#J&-)#>+'6#(&+#,1'))#./11/4+3#7<,&#/.#4&'(#4')#-2#*1',+#1')(#>+'6#Y#56/<*)#4+6+#'))-52+3#+'61>T#*6/9+,()#&'3#(/#=+#
-2#(&+#./67#/.#'#;<+)(-/2#(/#=+#+8*1/6+3#'23#+',&#56/<*#7+(#4-(&#7+#-23-:-3<'11>K##

#

a"### F /=+%(A9D(*3(%D-%:-B%/=A(%+/=+%+/(%3/=*8(,%/=A(%2(,B'+(D%9*%9)<2-A(D%'(=2*9*8%-B+3-)(,E%

60>U#SS"Z%P')(#>+'6T#'))+))7+2(#./,<)+3#/2#)(<3+2(#2'66'(-:+)#'=/<(#(&+-6#.-2'1#,1'))#*6/9+,()K##J&-)#>+'6T#'))+))7+2(#/.#)(<3+2(#4/60#./,<)+3#/2#'))+))7+2(#/.#(&+#)(<3+2(#*6/9+,(#-()+1.#

%

\KO%

SW%%%%%%;=+(%-.%+/(%)-,+%2(3(*+%<2-82=)%2(A9(JG#$c/<6#1'(+)(#,/7*6+&+2)-:+#3+*'6(7+2('1#)+1.W)(<3>#'23#
+8(+62'1#6+:-+4K"##

!""V%